

PageSpeed Insights

Mobile



35 / 100 Speed

Should Fix:

Eliminate render-blocking JavaScript and CSS in above-the-fold content

Your page has 13 blocking script resources and 5 blocking CSS resources. This causes a delay in rendering your page.

None of the above-the-fold content on your page could be rendered without waiting for the following resources to load. Try to defer or asynchronously load blocking resources, or inline the critical portions of those resources directly in the HTML.

[Remove render-blocking JavaScript:](#)

- <https://static.viva.co.id/appasset/js/jquery-1.11.0.min.js?v=2.76>
- https://securepubads.g.doubleclick.net/gpt/pubads_impl_192.js
- <https://adservice.google.com.ph/adsid/integrator.sync.js?domain=www.viva.co.id>
- <https://static.viva.co.id/appasset/js/vivapusher.js?v=2.76>

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- https://static.viva.co.id/appasset/js/viva_analytics.js?v=2.76
- https://securepubads.g.doubleclick.net/gampad/ads?gdfp_req=1&correlator=2964010834067456&output=json_html&callback=googletag.impl.pubads.setPassbackAdContents&impl=s&adsid=NT&eid=21061149%2C21061568&sc=1&sfv=1-0-18&iu=%2F11225321%2FBola-Leaderboard&sz=1x1&eri=2&cookie_enabled=1&abxe=1&imt=1522828102&dt=1522828102330&frm=20&biw=412&bih=732&oid=3&adk=2185913382&ifi=1&u_tz=-420&u_his=1&u_h=732&u_w=412&u_ah=732&u_aw=412&u_cd=24&u_sd=2.625&flash=0&url=https%3A%2F%2Fwww.viva.co.id%2F&dssz=26&icsg=8431618&std=0&csl=88&vrg=192&vis=1&scr_x=0&scr_y=0&ga_vid=179572699.1522828102&ga_sid=1522828102&ga_hid=704600776
- https://securepubads.g.doubleclick.net/gpt/pubads_impl_rendering_192.js
- https://tpc.googlesyndication.com/pagead/js/r20180328/r20110914/activeview/osd_listener.js
- https://securepubads.g.doubleclick.net/gampad/ads?gdfp_req=1&correlator=2964010834067456&output=json_html&callback=googletag.impl.pubads.setPassbackAdContents&impl=s&adsid=NT&eid=21061149%2C21061568&sc=1&sfv=1-0-18&iu=%2F11225321%2Fsample-uv-forkmedia&sz=1x1&eri=2&cookie=ID%3Dadd2b7df474eed4b%3AT%3D1522828102%3AS%3DALNI_MaFpqSg0I9KCO8e_C6HKETluN9Q6Q&cookie_enabled=1&abxe=1&imt=1522828102&dt=1522828102460&frm=20&biw=412&bih=732&oid=3&adk=829105642&ifi=12&u_tz=-420&u_his=1&u_h=732&u_w=412&u_ah=732&u_aw=412&u_cd=24&u_sd=2.625&flash=0&url=https%3A%2F%2Fwww.viva.co.id%2F&dssz=36&icsg=586274046634&std=0&csl=91&vrg=192&vis=1&scr_x=0&scr_y=0&ga_vid=179572699.1522828102&ga_sid=1522828102&ga_hid=704600776&ga_fc=true
- https://tpc.googlesyndication.com/pagead/js/r20180328/r20110914/activeview/osd_listener.js
- <https://static.viva.co.id/appasset/mobile/js/mobile2017-min.js?v=2.76>
- <https://static.viva.co.id/appasset/mobile/js/viva-app.js?v=2.76>
- https://static.viva.co.id/appasset/mobile/js/load_more-min.js?v=2.76

[Optimize CSS Delivery](#) of the following:

- <https://static.viva.co.id/appasset/mobile/css/font-awesome.min.css?v=2.76>
- <https://static.viva.co.id/appasset/mobile/css/core.css?v=2.76>
- <https://static.viva.co.id/appasset/mobile/css/mobile2017-min.css?v=2.76>
- <https://static.viva.co.id/appasset/mobile/css/vivaindex.css?v=2.76>
- <https://static.viva.co.id/appasset/mobile/css/person.css?v=2.76>

Optimize images

Mobile

Properly formatting and compressing images can save many bytes of data.

[Optimize the following images](#) to reduce their size by 245.7KiB (44% reduction).

- Compressing <https://static.viva.co.id/sorot/2018/03/31/5abefce9bb047-candu-facebook.jpg> could save 47.6KiB (79% reduction).
- Compressing <https://static.viva.co.id/sorot/2018/03/24/5ab5a821d7eee-gempa-besar-intai-jakarta.jpg> could save 21.2KiB (60% reduction).
- Compressing https://static.viva.co.id/vthumbs2/2018/04/04/titipan-presiden-jokowi-untuk-kevinmarcus_5ac4487834e9a_viva_co_id_325_183.jpg could save 12.3KiB (36% reduction).
- Compressing <https://tpc.googlesyndication.com/simgad/4290951977784762143> could save 12.1KiB (67% reduction).
- Compressing https://static.viva.co.id/vthumbs2/2018/04/04/ramalan-merah-roy-kiyoshi-di-tahun-2019_5ac47be4684e7_viva_co_id_325_183.jpg could save 11.6KiB (41% reduction).
- Compressing <https://tpc.googlesyndication.com/simgad/4209649921617302697> could save 11.3KiB (62% reduction).
- Compressing https://static.viva.co.id/thumbs3/2015/07/10/324694_putri-charlotte-bersama-royal-family_325_183.JPG could save 10.2KiB (35% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac45ab717f5a-sevilla-kalah-1-2-dari-bayern-muenchen_252_142.JPG could save 9.2KiB (40% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/03/21/5ab1fa76c1514-ganjar-pranowo-bicara-pilkada-jateng_252_142.jpg could save 6.4KiB (35% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac44d92c45c5-aksi-tendangan-salto-cristiano-ronaldo_252_142.jpg could save 6.1KiB (35% reduction).
- Compressing <https://tpc.googlesyndication.com/simgad/11870092112473228362> could save 5.9KiB (51% reduction).
- Compressing https://static.viva.co.id/thumbs3/2008/11/24/59476_sukmawati_sukarno_putri_252_142.jpg could save 5.3KiB (28% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/03/5ac31eafe3336-tas-ransel-transparan-dibagikan-ke-siswa-sma-untuk-cegah-penembakan_252_142.JPG could save 4.4KiB (28% reduction).
- Compressing https://static.viva.co.id/thumbs3/2017/12/03/5a235adba3230-bek-barcelona-samuel-umtiti-ditarik-keluar-karena-cedera_161_90.JPG could save 4.4KiB (39% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/03/17/5aad326205d82-pemain-psms-medan_161_90.jpg could save 3.7KiB (36% reduction).
- Compressing https://static.viva.co.id/thumbs3/2013/04/10/199885_dr-terawan-ap_252_142.jpg could save 3.4KiB (34% reduction).

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- Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac4284218738-gol-salto-dari-cristiano-ronaldo-ke-gawang-juventus_161_90.JPG could save 3.2KiB (36% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/03/17/5aac50cbe7eb4-psms-medan_161_90.jpg could save 2.9KiB (33% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/03/20/5ab0fcadd9f90-british-chamber-of-commerce_252_142.jpg could save 2.8KiB (33% reduction).
- Compressing https://static.viva.co.id/thumbs3/2017/09/27/59cb3163778aa-panglima-tni-gatot-nurmantyo-dan-presiden-joko-widodo_161_90.jpg could save 2.8KiB (36% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/03/5ac2b7769ddb4-stefano-cugurra-pelatih-persija-jakarta_161_90.jpg could save 2.7KiB (34% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/03/02/5a9936143e3fa-sekjen-partai-gerindra-fadli-zon_161_90.jpg could save 2.7KiB (31% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/02/5ac2019484d96-penyerang-manchester-united-romelu-lukaku_161_90.JPG could save 2.7KiB (39% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac476eb3c788-menteri-perhubungan-budi-karya-sumadi_90_90.jpg could save 2.6KiB (39% reduction).
- Compressing https://static.viva.co.id/thumbs3/2014/07/17/261041_pln-jaga-pasokan-listrik-kpu_161_90.jpg could save 2.6KiB (31% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/02/5ac1f4c03afe5-bintang-mu-juan-mata-bersama-istri-evelina-kampf_161_90.jpg could save 2.4KiB (33% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/03/5ac3577809ca2-sukmawati-soekarnoputri-diwawancara-media_90_90.jpg could save 2.4KiB (36% reduction).
- Compressing https://static.viva.co.id/thumbs3/2017/04/11/58eca0cfe27ad-mantan-ketua-mahkamah-konstitusi-mk-mahfud-md_90_90.jpg could save 2.4KiB (37% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/01/25/5a6945cad7772-kapten-real-madrid-sergio-ramos_161_90.jpg could save 2.3KiB (36% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac470618fd8d-6-hal-unik-yang-hanya-ada-di-benua-eropa_90_90.jpg could save 2.3KiB (36% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac47627d6d16-pebasket-cleveland-cavaliers-lebron-james-kanan_90_90.jpg could save 2.2KiB (36% reduction).
- Compressing https://static.viva.co.id/thumbs3/2017/11/16/5a0d8ef2ba63e-mahfud-md_90_90.jpg could save 2.1KiB (37% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac46cfc9d222-okavango-delta-padang-gurun-terindah-di-dunia_90_90.jpg could save 2KiB (38% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/03/29/5abc73eed9944-jalan-tol-ngawi-kertosono_90_90.jpg could save 2KiB (39% reduction).
- Compressing https://static.viva.co.id/thumbs3/2014/07/18/261114_perdana-menteri-malaysia-najib-razak_90_90.jpg could save 1.9KiB (39% reduction).

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- Compressing https://static.viva.co.id/thumbs3/2017/05/19/591e376ca57a1-kosmetik_90_90.jpg could save 1.9KiB (33% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/03/5ac3512ad8c77-pengendara-motor-melanggar-lalu-lintas_161_90.jpg could save 1.8KiB (32% reduction).
- Compressing https://static.viva.co.id/thumbs3/2017/12/07/5a2886359db6c-pelatih-real-madrid-zinedine-zidane_161_90.JPG could save 1.8KiB (36% reduction).
- Compressing https://static.viva.co.id/thumbs3/2012/11/29/181829_korban-penembakan-di-pirime-papua_90_90.JPG could save 1.7KiB (35% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac3d2382f7ca-megabintang-real-madrid-cristiano-ronaldo_90_90.JPG could save 1.7KiB (41% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/02/15/5a851b69aca46-jodoh-wasiat-bapak_90_90.jpg could save 1.7KiB (33% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/01/25/5a6945cad7772-kapten-real-madrid-sergio-ramos_90_90.jpg could save 1.7KiB (36% reduction).
- Compressing https://static.viva.co.id/thumbs3/2010/11/23/100053_penerbangan-garuda-terganggu_90_90.jpg could save 1.6KiB (32% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/02/20/5a8bae6682344-bupati-kebumen-mohammad-yahya-fuad-tengah-mengenakan-rompi-tahanan_90_90.jpg could save 1.6KiB (37% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac4748470eb2-kisah-perjalanan-kapal-nabi-nuh-usai-banjir-bandang_90_90.jpg could save 1.6KiB (32% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac469b8a724c-pria-masuk-ke-kawah-gunung-bromo_161_90.jpg could save 1.5KiB (28% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac47bc6bda7c-ketua-pb-nu-kh-marsudi-syuhud_90_90.jpg could save 1.3KiB (32% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac403bf02ac3-putri-hardini-membaca-puisi-yang-ditujukan-untuk-sukmawati_90_90.jpeg could save 1.3KiB (36% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac45072c2209-wanita-membacakan-puisi-balasan-untuk-ibu-sukmawati_161_90.jpg could save 1.2KiB (29% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/03/5ac37e21064cc-puisi-ibu-indonesia_90_90.jpg could save 1.1KiB (33% reduction).

 Consider Fixing:

Enable compression

Compressing resources with gzip or deflate can reduce the number of bytes sent over the network.

[Enable compression](#) for the following resources to reduce their transfer size by 316B (37% reduction).

- Compressing <https://sync.loggly.co.jp/sync/sync.html> could save 211B (43% reduction).
- Compressing <https://srv-2018-04-04-07.config.parsely.com/config/viva.co.id> could save 105B (29% reduction).

Leverage browser caching

Setting an expiry date or a maximum age in the HTTP headers for static resources instructs the browser to load previously downloaded resources from local disk rather than over the network.

[Leverage browser caching](#) for the following cacheable resources:

- <https://d31qbv1cthcecs.cloudfront.net/atrk.js> (expiration not specified)
- <https://js.genieessp.com/t/278/245/a1278245.js> (expiration not specified)
- <https://www.viva.co.id/request/session> (30 seconds)
- <https://static.hotjar.com/c/hotjar-424015.js?sv=5> (60 seconds)
- https://c.go-mpulse.net/api/config.json?key=9XH9M-ZPH3T-GZ7ZS-BLTVY-SUS9M&d=www.viva.co.id&t=5076094&v=1.500.0&if=&sl=0&si=5cuy0zm0ydhg2e29-NaN&plugins=ConfigOverride,PageParams,IFrameDelay,AutoXHR,SPA,Angular,Backbone,Ember,History,RT,CrossDomain,BW,NavigationTiming,ResourceTiming,Memory,CACHE_RELOAD,Errors,TPAnalytics,UserTiming,LOGN&acao= (5 minutes)
- <https://www.googletagmanager.com/gtm.js?id=GTM-KPDQW3> (15 minutes)
- <https://www.googletagservices.com/tag/js/gpt.js> (15 minutes)
- <https://pagead2.googlesyndication.com/pagead/osd.js> (60 minutes)
- https://pagead2.googlesyndication.com/pagead/show_ads.js (60 minutes)
- <https://ssl.google-analytics.com/ga.js> (2 hours)

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- <https://www.google-analytics.com/analytics.js> (2 hours)

Minify HTML

Compacting HTML code, including any inline JavaScript and CSS contained in it, can save many bytes of data and speed up download and parse times.

[Minify HTML](#) for the following resources to reduce their size by 2.3KiB (15% reduction).

- Minifying <https://www.viva.co.id/> could save 2.3KiB (15% reduction) after compression.

Minify JavaScript

Compacting JavaScript code can save many bytes of data and speed up downloading, parsing, and execution time.

[Minify JavaScript](#) for the following resources to reduce their size by 2.1KiB (15% reduction).

- Minifying https://nt.compass-fit.jp/lift_widget.js?adspot_id=4275184&dca=https%3A%2F%2Fadclick.g.doubleclick.net%2Fpcc%2Fclick%3Fai%3DAKAOjsvpCH5nbJbjyahOu8NnTAI5yl6v-c oz2CLk0c0P_Q7X_qVFBm8sZm4vaXT6LrcgMzMZ96tg0bRI9iS2dsfuZvAmn312wjOWYRAqx_s yyGYBimDfbdfuRS3mFbU0Z47J0E6z-LI_ftTMrZc-ZIAZhNIVfPVLVmoiaTXk4WkUHbzUEPVulxe0 bhcSMTzFpMKRGn0sl3Qf4d3UYmkB2Fx6uWby63D5wPvbNoYGMpkJpam2ce7KRr8bR83BZaw9 g%26sig%3DCg0ArKJSzKnnXkV_5KQ-EAE%26urlfix%3D1%26adurl%3D could save 1KiB (16% reduction) after compression.
- Minifying https://nt.compass-fit.jp/lift_widget.js?adspot_id=4275184&dca=https%3A%2F%2Fadclick.g.doubleclick.net%2Fpcc%2Fclick%3Fai%3DAKAOjsubmy2H7HAYk4I66Xc3s_JtYx_Egj C45mghWV3xTeTGro7h1fCJGoQFm93MX0uTzjO-5cVjgpYNbyMLsfrX86aDErY4voj6TX3H46nIU JpLI_iAjmEpykMvRLTnjd75JQ94P2KJhinMMF9kAiEgpS7gGcEjvOH4OMvKaEMQGKxo3PpYdqHOF dOMaKTDNpnfaGah9XQS-Dipk8eZCcdZ3bAOWIhW_Z2KaQtjiBCwqOvZGTMOWgyYbkQYpReg Sblsw%26sig%3DCg0ArKJSzPQZYWFqm0NTEAE%26urlfix%3D1%26adurl%3D could save 1KiB (15% reduction) after compression.

Mobile

Prioritize visible content

Your page requires additional network round trips to render the above-the-fold content. For best performance, reduce the amount of HTML needed to render above-the-fold content.

The entire HTML response was not sufficient to render the above-the-fold content. This usually indicates that additional resources, loaded after HTML parsing, were required to render above-the-fold content. [Prioritize visible content](#) that is needed for rendering above-the-fold by including it directly in the HTML response.

- Only about 27% of the final above-the-fold content could be rendered with the full HTML response snapshot:22.



2 Passed Rules

Avoid landing page redirects

Your page has no redirects. Learn more about [avoiding landing page redirects](#).

Minify CSS

Your CSS is minified. Learn more about [minifying CSS](#).

99 / 100 User Experience



Consider Fixing:

Size tap targets appropriately

Some of the links/buttons on your webpage may be too small for a user to easily tap on a touchscreen. Consider [making these tap targets larger](#) to provide a better user experience.

Mobile

The following tap targets are close to other nearby tap targets and may need additional spacing around them.

- The tap target `Click to Close` is close to 1 other tap targets final.
- The tap target `Kisah Perjalan...Banjir Bandang` is close to 1 other tap targets final.
- The tap target `Nasional` is close to 1 other tap targets final.
- The tap target `Nasional` is close to 1 other tap targets final.
- The tap target `Siapa` is close to 2 other tap targets.
- The tap target `Chacha Frederica` and 1 others are close to other tap targets.
- The tap target `<button type="button" class="slick-prev fa fa-arrow-left">Previous</button>` and 1 others are close to other tap targets.
- The tap target `<button type="button" class="slick-prev fa fa-arrow-left">Previous</button>` and 1 others are close to other tap targets.
- The tap target `` is close to 1 other tap targets final.
- The tap target `` is close to 1 other tap targets final.
- The tap target `<div id="abgcp" class="abgcp">Iklan olehGoogle</div>` is close to 1 other tap targets final.



4 Passed Rules

Avoid plugins

Your page does not appear to use plugins, which would prevent content from being usable on many platforms. Learn more about the importance of [avoiding plugins](#).

Configure the viewport

Mobile

Your page specifies a viewport matching the device's size, which allows it to render properly on all devices. Learn more about [configuring viewports](#).

Size content to viewport

The contents of your page fit within the viewport. Learn more about [sizing content to the viewport](#).

Use legible font sizes

The text on your page is legible. Learn more about [using legible font sizes](#).

Desktop



50 / 100 Speed

! Should Fix:

Eliminate render-blocking JavaScript and CSS in above-the-fold content

Your page has 1 blocking CSS resources. This causes a delay in rendering your page.

None of the above-the-fold content on your page could be rendered without waiting for the following resources to load. Try to defer or asynchronously load blocking resources, or inline the critical portions of those resources directly in the HTML.

[Optimize CSS Delivery](#) of the following:

- <https://static.viva.co.id/appasset/css/viva.css?v=2.76>

Optimize images

Properly formatting and compressing images can save many bytes of data.

[Optimize the following images](#) to reduce their size by 815.7KiB (46% reduction).

- Compressing <https://tpc.googlesyndication.com/pagead/imgad?id=CICAgKCrh8K3ywEQmQUYhAcoATIIFyxXIGgeTrU> could save 322KiB (68% reduction).
- Compressing <https://static.viva.co.id/sorot/2018/03/31/5abefce9bb047-candu-facebook.jpg> could save 47.6KiB (79% reduction).
- Compressing https://static.viva.co.id/thumbs3/2016/06/27/5770d9f12879c-ratna-sarumpaet-di-polres-metro-jakarta-utara-senin-27-juni-2016_665_374.jpg could save 31.9KiB (33% reduction).
- Compressing https://static.viva.co.id/thumbs3/2015/07/10/324694_putri-charlotte-bersama-royal-family_665_374.JPG could save 30.9KiB (35% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/03/20/5ab0bbf93242a-roy-kiyoshi-karma-antv_665_374.jpg could save 28.8KiB (41% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac476f8a3c37-nasi-lemak-dan-rendang-ayam-buatan-zaleha-kadir-olpin_665_374.jpg could save 27.4KiB (36% reduction).
- Compressing https://static.viva.co.id/infografik/2018/03/31/5abef9ec11635infografik-sorot-494-candu-facebook_300_687.jpg could save 26.2KiB (37% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/03/27/5aba395c0474f-pemain-film-arini-kunjungi-viva-co-id_665_374.jpg could save 22KiB (37% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/03/06/5a9e59d4dd2e6-pembuatan-ktp-elektronik-e-tp-di-solo-jawa-tengah_665_374.jpg could save 21.7KiB (39% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac45488bffe3-toyota-c-hr_665_374.jpeg could save 18.5KiB (29% reduction).
- Compressing https://static.viva.co.id/thumbs3/2017/05/23/5923c32812253-istri-ahok-veronica-tan-menangis-membacakan-surat-suaminya-selasa-23-mei-2017_665_374.jpg could save 15.7KiB (30% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac464e2384f0-aburizal-bakrie_665_374.jpg could save 14.7KiB (33% reduction).

Desktop

- Compressing https://static.viva.co.id/thumbs3/2018/03/20/5ab0ebecd8b14-indosat-super-plan_305_171.jpg could save 13KiB (45% reduction).
- Compressing https://static.viva.co.id/vthumbs2/2018/04/04/titipan-presiden-jokowi-untuk-kevinmarcus_5ac4487834e9a_viva_co_id_325_183.jpg could save 12.3KiB (36% reduction).
- Compressing <https://tpc.googlesyndication.com/simgad/17511272630683721676> could save 12KiB (54% reduction).
- Compressing <https://tpc.googlesyndication.com/simgad/11605457923340890323> could save 11KiB (46% reduction).
- Compressing https://static.viva.co.id/vthumbs2/2018/04/03/cms_5ac38f046ba38_viva_co_id_325_183.jpg could save 10.1KiB (41% reduction).
- Compressing https://static.viva.co.id/thumbs3/2008/11/24/59476_sukmawati_sukarno_putri_305_171.jpg could save 8.4KiB (32% reduction).
- Compressing https://cdn.user-api.com/r/5a3b4c62287f3e93418b4c51/img_140x140.jpg could save 7.3KiB (60% reduction).
- Compressing https://tpc.googlesyndication.com/daca_images/simgad/4708436461673043940 could save 4.6KiB (24% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac45ab717f5a-sevilla-kalah-1-2-dari-bayern-muenchen_151_85.JPG could save 4.2KiB (40% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/03/20/5ab0fcadd9f90-british-chamber-of-commerce_305_171.jpg could save 4KiB (34% reduction).
- Compressing https://static.viva.co.id/thumbs3/2015/09/29/339523_ceo-mataharimall-com-hadi-wenas_151_85.jpg could save 3.8KiB (42% reduction).
- Compressing https://cdn.user-api.com/r/5a6abbcc287f3e67418b512a/img_140x140.jpg could save 3.6KiB (38% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/03/13/5aa7cec4b59b1-atlet-atletik-di-stadion-madya-senayan_151_85.jpg could save 3.4KiB (39% reduction).
- Compressing <https://tpc.googlesyndication.com/simgad/336416394312533460> could save 3.4KiB (14% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac43fd82f367-puan-maharani-bersama-atlet-panjat-tebing-di-stadion-mandala-krida_151_85.jpg could save 3.4KiB (36% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/03/01/5a978e3a9365a-registrasi-pelanggan-seluler-prabayar_151_85.jpg could save 3.2KiB (34% reduction).
- Compressing https://static.viva.co.id/thumbs3/2012/11/08/179003_pelatih-bayern-munich--jupp-heyndes_151_85.jpg could save 3.1KiB (38% reduction).
- Compressing <https://static.viva.co.id/thumbs3/2018/03/19/5aaf26c05993e-sudirman->

Desktop

- said_108_108.jpg could save 3.1KiB (42% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac46d13af14f-gabungan-ruang-keluarga-dan-ruang-makan_151_85.jpg could save 3.1KiB (36% reduction).
 - Compressing https://static.viva.co.id/thumbs3/2018/03/27/5ab9e5a5b4ada-menteri-perindutsrian-airlangga-hartarto-saat-mencoba-prototipe-mobil-pedesaan_151_85.jpg could save 3.1KiB (34% reduction).
 - Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac46baf1fdae-prosesor-baru-intel_151_85.jpg could save 3.1KiB (42% reduction).
 - Compressing https://static.viva.co.id/thumbs3/2017/08/22/599babd81783e-terawan-agus-putranto-di-pab_151_85.jpg could save 3.1KiB (36% reduction).
 - Compressing https://static.viva.co.id/thumbs3/2018/03/19/5aaf2824e73ff-kesuksesan-kevin-marcus-pertahankan-gelar-all-england_151_85.jpg could save 2.9KiB (37% reduction).
 - Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac468a4b8bd5-disain-dinding-artistik_151_85.jpg could save 2.7KiB (31% reduction).
 - Compressing https://static.viva.co.id/thumbs3/2018/04/02/5ac187acbbf7f-pemimpin-korea-utara-kim-jong-un-bersama-girl-band-korea-selatan-red-velvet_151_85.jpg could save 2.7KiB (34% reduction).
 - Compressing https://static.viva.co.id/thumbs3/2018/03/21/5ab1fa76c1514-ganjar-pranowo-bicara-pilkada-jateng_108_108.jpg could save 2.6KiB (35% reduction).
 - Compressing https://static.viva.co.id/thumbs3/2017/07/17/596c3063660fb-avengers-infinity-war_151_85.jpg could save 2.6KiB (35% reduction).
 - Compressing https://static.viva.co.id/thumbs3/2018/03/17/5aac50cbe7eb4-psms-medan_151_85.jpg could save 2.6KiB (32% reduction).
 - Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac4711f15fe9-rendang-ayam_151_85.jpg could save 2.6KiB (35% reduction).
 - Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac46cfc9d222-okavango-delta-padang-gurun-terindah-di-dunia_151_85.jpg could save 2.6KiB (36% reduction).
 - Compressing https://static.viva.co.id/thumbs3/2017/09/17/59be51ac67048-foto-umi-pipik_151_85.jpg could save 2.6KiB (34% reduction).
 - Compressing https://static.viva.co.id/thumbs3/2018/04/02/5ac1e04b8b182-syahrini_151_85.jpg could save 2.5KiB (35% reduction).
 - Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac467568799f-panasnya-perang-obor-tegalsambi-jepara_151_85.jpg could save 2.5KiB (37% reduction).
 - Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac46e57dc433-petarung-siam-training-camp-one-pride-mma-sony-rizaldi_151_85.jpg could save 2.5KiB (33% reduction).
 - Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac468e531e4b-ps-tira-saat-berhadapan-dengan-madura-united_151_85.jpg could save 2.4KiB (33% reduction).

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- Compressing https://static.viva.co.id/thumbs3/2017/06/22/594b5010bad67-petugas-mendorong-mobil-mogok_151_85.jpg could save 2.3KiB (31% reduction).
- Compressing https://static.viva.co.id/thumbs3/2008/11/24/59476_sukmawati_sukarno_putri_151_85.jpg could save 2.3KiB (29% reduction).
- Compressing https://static.viva.co.id/thumbs3/2014/07/17/261041_pln-jaga-pasokan-listrik-kpu_151_85.jpg could save 2.3KiB (31% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/02/5ac1e04b8b182-syahrini_108_108.jpg could save 2.3KiB (36% reduction).
- Compressing https://static.viva.co.id/thumbs3/2008/11/21/59373_ketua_umum_pni_marhaen_isme_sukmawati_soekarnoputri__151_85.jpg could save 2.3KiB (33% reduction).
- Compressing https://static.viva.co.id/thumbs3/2010/11/23/100053_penerbangan-garuda-terganggu_151_85.jpg could save 2.2KiB (31% reduction).
- Compressing https://static.viva.co.id/thumbs3/2016/11/24/5836596ea5dfd-justin-bieber_151_85.JPG could save 2.1KiB (36% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/03/5ac31eafe3336-tas-ransel-transparan-dibagikan-ke-siswa-sma-untuk-cegah-penembakan_151_85.JPG could save 2.1KiB (29% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac465ad45741-investasi-jangka-pendek-vs-panjang-mana-yang-lebih-menguntungkan_151_85.jpg could save 2.1KiB (29% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac4647503ed7-yamaha-rx-king-2003-20th-anniversary-gold-edition_151_85.jpg could save 2.1KiB (29% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/01/25/5a6945cad7772-kapten-real-madrid-sergio-ramos_151_85.jpg could save 2KiB (35% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac4578e4775b-acara-seremonial_151_85.jpg could save 2KiB (28% reduction).
- Compressing https://static.viva.co.id/thumbs3/2017/11/16/5a0d55b308f2b-ilustrasi-startup_151_85.jpg could save 1.8KiB (42% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac45488bffe3-toyota-c-hr_151_85.jpeg could save 1.8KiB (32% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac4694548932-meksiko-buat-taman-laut-besar-untuk-melindungi-spesies-yang-terancam-punah_151_85.jpg could save 1.8KiB (36% reduction).
- Compressing https://static.viva.co.id/thumbs3/2013/04/10/199885_dr-terawan-ap_151_85.jpg could save 1.7KiB (34% reduction).
- Compressing https://static.viva.co.id/thumbs3/2013/04/10/199885_dr-terawan-ap_108_108.jpg could save 1.6KiB (35% reduction).

Desktop

- Compressing https://static.viva.co.id/thumbs3/2016/09/07/57cf8dcc5a367-toyota-c-hr_151_85.jpg could save 1.6KiB (28% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/03/5ac3512ad8c77-pengendara-motor-melanggar-lalu-lintas_151_85.jpg could save 1.6KiB (32% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac47102812b6-putri-hardini-saat-bacakan-puisi-balasan-untuk-sukmawati_151_85.jpg could save 1.6KiB (32% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac469b8a724c-pria-masuk-ke-kawah-gunung-bromo_151_85.jpg could save 1.4KiB (28% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac45072c2209-wanita-membacakan-puisi-balasan-untuk-ibu-sukmawati_151_85.jpg could save 1.1KiB (28% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/03/17/5aac50cbe7eb4-psms-medan_52_52.jpg could save 971B (37% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/02/22/5a8e4bf73cb82-syukuran-peluncuran-logo-baru-viva-co-id_52_52.jpg could save 968B (37% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/01/25/5a6945cad7772-kapten-real-madrid-sergio-ramos_52_52.jpg could save 946B (39% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/02/5ac1f4c03afe5-bintang-mu-juan-mata-bersama-istri-evelina-kampf_52_52.jpg could save 944B (36% reduction).
- Compressing https://static.viva.co.id/thumbs3/2017/08/25/599fe77e502dd-keluargan-besar-viva-co-id-berdoa-bersama_52_52.JPG could save 941B (37% reduction).
- Compressing https://static.viva.co.id/thumbs3/2014/07/17/261041_pln-jaga-pasokan-listrik-kpu_52_52.jpg could save 845B (36% reduction).
- Compressing https://static.viva.co.id/thumbs3/2018/04/04/5ac469b8a724c-pria-masuk-ke-kawah-gunung-bromo_52_52.jpg could save 709B (34% reduction).

Consider Fixing:

Enable compression

Compressing resources with gzip or deflate can reduce the number of bytes sent over the network.

[Enable compression](#) for the following resources to reduce their transfer size by 25.2KiB (63% reduction).

Desktop

- Compressing <https://new.fqtag.com/3/pixel.js> could save 23.6KiB (65% reduction).
- Compressing <https://c.fqtag.com/tag/implement-r.js?org=EHJCBJHzBd4DM1jx2bjz&p=21856&a=160735&cmp=1286192&fmt=banner&rd=https%3a%2f%2fwww.viva.co.id%2f&rt=display&sl=1&fq=1> could save 1.2KiB (50% reduction).
- Compressing <https://new.fqtag.com/implement.js?org=EHJCBJHzBd4DM1jx2bjz&p=21856&a=160735&cmp=1286192&fmt=banner&rd=https%3a%2f%2fwww.viva.co.id%2f&rt=display&sl=1&fq=1> could save 347B (40% reduction).
- Compressing <https://srv-2018-04-04-07.config.parse.ly.com/config/viva.co.id> could save 105B (29% reduction).

Leverage browser caching

Setting an expiry date or a maximum age in the HTTP headers for static resources instructs the browser to load previously downloaded resources from local disk rather than over the network.

[Leverage browser caching](#) for the following cacheable resources:

- https://cdn.user-api.com/r/5a3b4c62287f3e93418b4c51/img_140x140.jpg (expiration not specified)
- https://cdn.user-api.com/r/5a6abbcc287f3e67418b512a/img_140x140.jpg (expiration not specified)
- <https://cm.mgid.com/i.js> (expiration not specified)
- <https://d31qbv1cthcecs.cloudfront.net/atrk.js> (expiration not specified)
- <https://js.genieessp.com/t/278/238/a1278238.js> (expiration not specified)
- <https://js.genieessp.com/t/286/192/a1286192.js> (expiration not specified)
- <https://sync.users-api.com/e.js> (expiration not specified)
- https://st-n.ads1-adnow.com/js/adv_cto.js (60 seconds)
- https://st-n.ads1-adnow.com/js/adv_out.js (60 seconds)
- <https://st-n.ads1-adnow.com/js/t.js> (60 seconds)
- <https://static.hotjar.com/c/hotjar-424015.js?sv=5> (60 seconds)
- https://c.go-mpulse.net/api/config.json?key=9XH9M-ZPH3T-GZ7ZS-BLTVY-SUS9M&d=www.viva.co.id&t=5076094&v=1.500.0&if=&sl=0&si=5cuy0zm0ydhg2e29-NaN&plugins=ConfigOverride,PageParams,IFrameDelay,AutoXHR,SPA,Angular,Backbone,Ember,History,RT,CrossDomain,BW,NavigationTiming,ResourceTiming,Memory,CACHE_RELOAD,Errors,TPAnalytics,User

Desktop

Timing,LOGN&acao= (5 minutes)

- <https://compass.adop.cc/assets/js/adop/adop.js?v=10> (10 minutes)
- <https://www.googletagmanager.com/gtm.js?id=GTM-KPDQW3> (15 minutes)
- <https://www.googletagservices.com/tag/js/gpt.js> (15 minutes)
- <https://jsc.mgid.com/g/e/geniee.viva.co.id.203417.js?t=118340> (60 minutes)
- <https://pagead2.googlesyndication.com/pagead/osd.js> (60 minutes)
- https://pagead2.googlesyndication.com/pagead/show_ads.js (60 minutes)
- <https://ssl.google-analytics.com/ga.js> (2 hours)
- <https://www.google-analytics.com/analytics.js> (2 hours)

Minify HTML

Compacting HTML code, including any inline JavaScript and CSS contained in it, can save many bytes of data and speed up download and parse times.

[Minify HTML](#) for the following resources to reduce their size by 2.3KiB (12% reduction).

- Minifying <https://www.viva.co.id/> could save 2.3KiB (12% reduction) after compression.



4 Passed Rules

Avoid landing page redirects

Your page has no redirects. Learn more about [avoiding landing page redirects](#).

Minify CSS

Your CSS is minified. Learn more about [minifying CSS](#).

Minify JavaScript

Your JavaScript content is minified. Learn more about [minifying JavaScript](#).

Prioritize visible content

You have the above-the-fold content properly prioritized. Learn more about [prioritizing visible content](#).