Performance Report for:

https://njaryasamaj.org/

Report generated: Fri, Nov 8, 2019 6:53 AM -0800
Test Server Region: 🇨🇦 Vancouver, Canada
Using: Chrome (Desktop) 75.0.3770.100, PageSpeed 1.15-gt1.2, YSlow 3.1.8

PageSpeed Score	YSlow Score	Fully Loaded Time	Total Page Size	Requests
B (89%) ^	**B (86%)** ^	2.7s ^	676KB ^	15 ^

Top 5 Priority Issues

Optimize images	F (43)	❤	AVG SCORE: 72%	IMAGES	HIGH
Leverage browser caching	D (68)	⬆	AVG SCORE: 61%	SERVER	HIGH
Minify CSS	A (99)	◆	AVG SCORE: 96%	CSS	HIGH
Specify a character set early	A (99)	◆	AVG SCORE: 100%	CONTENT	MEDIUM
Minify HTML	A (99)	◆	AVG SCORE: 99%	CONTENT	LOW

How does this affect me?

Studies show that users leave a site if it hasn't loaded in 4 seconds; keep your users happy and engaged by providing a fast performing website.

As if you didn't need more incentive, **Google has announced that they are using page speed in their ranking algorithm.**

About GTmetrix

We can help you develop a faster, more efficient, and all-around improved website experience for your users. We use Google PageSpeed and Yahoo! YSlow to grade your site's performance and provide actionable recommendations to fix these issues.

About the Developer

GT.net
Performance Hosting

GTmetrix is developed by the good folks at **GT.net**, a Vancouver-based performance hosting company with over 23 years experience in web technology.

https://gt.net/

What do these grades mean?

This report is an analysis of your site with Google and Yahoo!'s metrics for how to best develop a site for optimized speed. The **grades you see represent** how well the scanned URL adheres to those rules.

Lower grades (C or lower) mean that the page can stand to be faster using better practices and optimizing your settings.
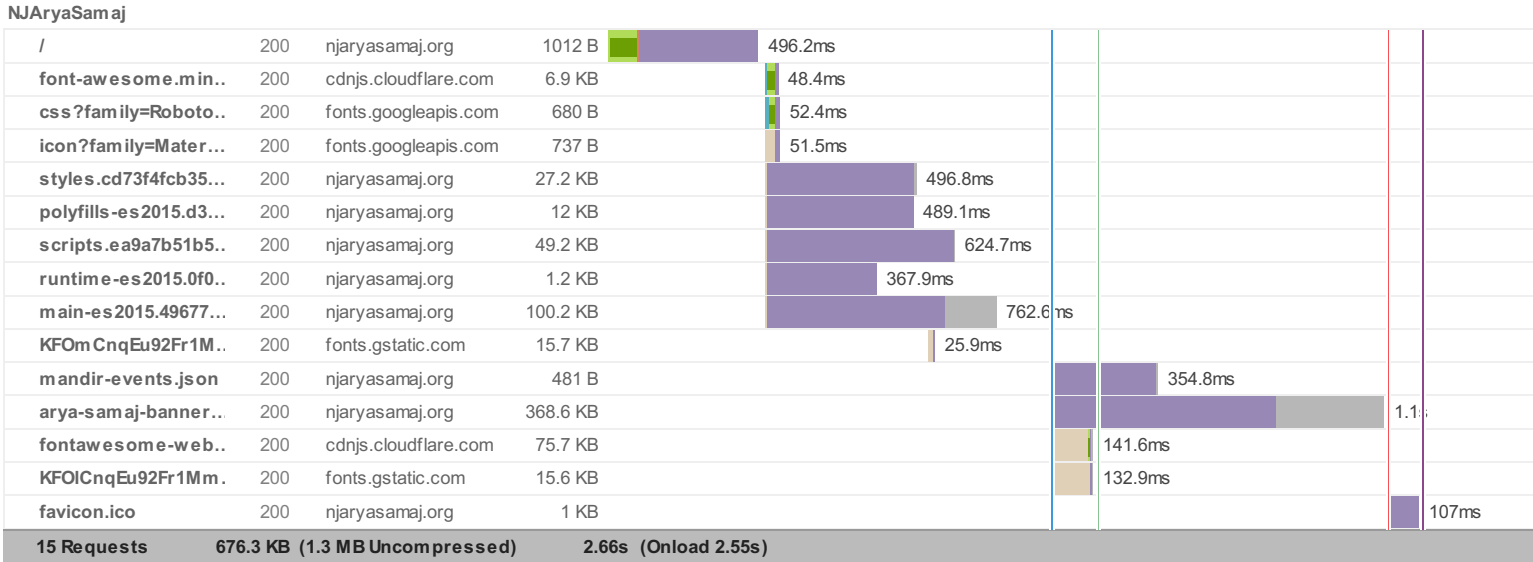
What's in this report?

This report covers basic to technical analyses on your page. It is categorized under many headings:

- **Executive:** Overall score information and Priority Issues
- **History:** Graphed history of past performance
- **Waterfall:** Graph of your site's loading timeline
- **Technical:** In-depth PageSpeed & YSlow information

These will provide you with a snapshot of your performance.

Waterfall Chart

The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

NJAryaSamaj

/	200	njaryasamaj.org	1012 B		496.2ms
font-awesome.min..	200	cdnjs.cloudflare.com	6.9 KB		48.4ms
css?family=Roboto..	200	fonts.googleapis.com	680 B		52.4ms
icon?family=Mater..	200	fonts.googleapis.com	737 B		51.5ms
styles.cd73f4fcb35...	200	njaryasamaj.org	27.2 KB		496.8ms
polyfills-es2015.d3...	200	njaryasamaj.org	12 KB		489.1ms
scripts.ea9a7b51b5..	200	njaryasamaj.org	49.2 KB		624.7ms
runtime-es2015.0f0..	200	njaryasamaj.org	1.2 KB		367.9ms
main-es2015.49677...	200	njaryasamaj.org	100.2 KB		762.6ms
KFOmCnqEu92Fr1M..	200	fonts.gstatic.com	15.7 KB		25.9ms
mandir-events.json	200	njaryasamaj.org	481 B		354.8ms
arya-samaj-banner..	200	njaryasamaj.org	368.6 KB		1.1s
fontawesome-web..	200	cdnjs.cloudflare.com	75.7 KB		141.6ms
KFOlCnqEu92Fr1Mm.	200	fonts.gstatic.com	15.6 KB		132.9ms
favicon.ico	200	njaryasamaj.org	1 KB		107ms

15 Requests	**676.3 KB (1.3 MB Uncompressed)**	**2.66s (Onload 2.55s)**	

PageSpeed Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Optimize images	F (43)	❤ AVG SCORE: 72%	IMAGES	HIGH

Optimize the following images to reduce their size by 71.5KiB (20% reduction).

- Losslessly compressing https://njaryasamaj.org/assets/images/arya-samaj-banner.png could save 71.5KiB (20% reduction). See optimized version.

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Leverage browser caching	D (68)	▲ AVG SCORE: 61%	SERVER	HIGH

Leverage browser caching for the following cacheable resources:

- https://njaryasamaj.org/assets/data/mandir-events.json (expiration not specified)
- https://njaryasamaj.org/assets/images/arya-samaj-banner.png (4 hours)
- https://njaryasamaj.org/favicon.ico (4 hours)
- https://njaryasamaj.org/main-es2015.496770f94b7526bb27eb.js (4 hours)
- https://njaryasamaj.org/polyfills-es2015.d3e61f0dd2b58e518eca.js (4 hours)
- https://njaryasamaj.org/runtime-es2015.0f0a4c5c77d8b3407043.js (4 hours)
- https://njaryasamaj.org/scripts.ea9a7b51b5073e2a08c5.js (4 hours)
- https://njaryasamaj.org/styles.cd73f4fcb35738432528.css (4 hours)

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Minify CSS	A (99)	◆ AVG SCORE: 96%	CSS	HIGH

Minify CSS for the following resources to reduce their size by 334B (1% reduction).

- Minifying https://njaryasamaj.org/styles.cd73f4fcb35738432528.css could save 143B (1% reduction) after compression. See optimized version.
- Minifying https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css could save 101B (2% reduction) after compression. See optimized version.
- Minifying https://fonts.googleapis.com/css?family=Roboto:300,400,500&display=swap could save 64B (10% reduction) after compression. See optimized version.
- Minifying https://fonts.googleapis.com/icon?family=Material+Icons could save 26B (8% reduction) after compression. See optimized version.

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Specify a character set early	A (99)	◆ AVG SCORE: 100%	CONTENT	MEDIUM

The following resources have no character set specified in their HTTP headers. Specifying a character set in HTTP headers can speed up browser rendering.

- https://njaryasamaj.org/

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Minify HTML	A (99)	◆ AVG SCORE: 99%	CONTENT	LOW

Minify HTML for the following resources to reduce their size by 70B (10% reduction).

- Minifying https://njaryasamaj.org/ could save 70B (10% reduction) after compression. See optimized version.

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Minify JavaScript	A (99)	▲ AVG SCORE: 89%	JS	HIGH

Minify JavaScript for the following resources to reduce their size by 33B (1% reduction).

- Minifying https://njaryasamaj.org/assets/data/mandir-events.json could save 31B (9% reduction) after compression. See optimized version.
- Minifying https://njaryasamaj.org/main-es2015.496770f94b7526bb27eb.js could save 2B (1% reduction) after compression. See optimized version.

| **Avoid bad requests** | A (100) | ◆ AVG SCORE: 98% | CONTENT | HIGH |

You scored 100% on this recommendation - nothing to do here!

| **Avoid landing page redirects** | A (100) | ◆ AVG SCORE: 98% | SERVER | HIGH |

You scored 100% on this recommendation - nothing to do here!

| **Defer parsing of JavaScript** | A (100) | ▲ AVG SCORE: 72% | JS | HIGH |

You scored 100% on this recommendation - nothing to do here!

| **Enable compression** | A (100) | ▲ AVG SCORE: 87% | SERVER | HIGH |

You scored 100% on this recommendation - nothing to do here!

| **Enable Keep-Alive** | A (100) | ◆ AVG SCORE: 97% | SERVER | HIGH |

You scored 100% on this recommendation - nothing to do here!

| **Inline small CSS** | A (100) | ◆ AVG SCORE: 96% | CSS | HIGH |

You scored 100% on this recommendation - nothing to do here!

| **Inline small JavaScript** | A (100) | ◆ AVG SCORE: 95% | JS | HIGH |

You scored 100% on this recommendation - nothing to do here!

| **Minimize redirects** | A (100) | ▲ AVG SCORE: 87% | CONTENT | HIGH |

You scored 100% on this recommendation - nothing to do here!

| **Minimize request size** | A (100) | ▲ AVG SCORE: 94% | CONTENT | HIGH |

You scored 100% on this recommendation - nothing to do here!

| **Optimize the order of styles and scripts** | A (100) | ◆ AVG SCORE: 95% | CSS/JS | HIGH |

You scored 100% on this recommendation - nothing to do here!

Put CSS in the document head	A (100)	◆ AVG SCORE: 100%	CSS	HIGH

You scored 100% on this recommendation - nothing to do here!

Serve resources from a consistent URL	A (100)	▲ AVG SCORE: 89%	CONTENT	HIGH

You scored 100% on this recommendation - nothing to do here!

Serve scaled images	A (100)	▲ AVG SCORE: 71%	IMAGES	HIGH

You scored 100% on this recommendation - nothing to do here!

Specify a cache validator	A (100)	◆ AVG SCORE: 95%	SERVER	HIGH

You scored 100% on this recommendation - nothing to do here!

Combine images using CSS sprites	A (100)	▲ AVG SCORE: 93%	IMAGES	HIGH

You scored 100% on this recommendation - nothing to do here!

Avoid CSS @import	A (100)	◆ AVG SCORE: 98%	CSS	MEDIUM

You scored 100% on this recommendation - nothing to do here!

Prefer asynchronous resources	A (100)	◆ AVG SCORE: 100%	JS	MEDIUM

You scored 100% on this recommendation - nothing to do here!

Avoid a character set in the meta tag	A (99)	◆ AVG SCORE: 100%	CONTENT	LOW

The following resources have a character set specified in a meta tag. Specifying a character set in a meta tag disables the lookahead downloader in IE8. To improve resource download parallelization, move the character set to the HTTP Content-Type response header.

- https://njaryasamaj.org/

Specify image dimensions	A (100)	◆ AVG SCORE: 98%	IMAGES	MEDIUM

You scored 100% on this recommendation - nothing to do here!

Specify a Vary: Accept-Encoding header	A (100)	◆ AVG SCORE: 96%	SERVER	LOW

You scored 100% on this recommendation - nothing to do here!

YSlow Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Add Expires headers	F (12)	❤ AVG SCORE: 27%	SERVER	HIGH

There are 8 static components without a far-future expiration date.

- https://fonts.googleapis.com/css?family=Roboto:300,400,500&display=swap
- https://fonts.googleapis.com/icon?family=Material+Icons
- https://njaryasamaj.org/styles.cd73f4fcb35738432528.css
- https://njaryasamaj.org/polyfills-es2015.d3e61f0dd2b58e518eca.js
- https://njaryasamaj.org/scripts.ea9a7b51b5073e2a08c5.js
- https://njaryasamaj.org/runtime-es2015.0f0a4c5c77d8b3407043.js
- https://njaryasamaj.org/main-es2015.496770f94b7526bb27eb.js
- https://njaryasamaj.org/assets/images/arya-samaj-banner.png

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Make fewer HTTP requests	B (88)	▲ AVG SCORE: 32%	CONTENT	HIGH

This page has 4 external Javascript scripts. Try combining them into one.

This page has 4 external stylesheets. Try combining them into one.

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Use cookie-free domains	C (70)	▲ AVG SCORE: 55%	COOKIE	LOW

There are 6 components that are not cookie-free

- https://njaryasamaj.org/styles.cd73f4fcb35738432528.css
- https://njaryasamaj.org/polyfills-es2015.d3e61f0dd2b58e518eca.js
- https://njaryasamaj.org/scripts.ea9a7b51b5073e2a08c5.js
- https://njaryasamaj.org/runtime-es2015.0f0a4c5c77d8b3407043.js
- https://njaryasamaj.org/main-es2015.496770f94b7526bb27eb.js
- https://njaryasamaj.org/assets/images/arya-samaj-banner.png

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Configure entity tags (ETags)	B (89)	◆ AVG SCORE: 93%	SERVER	LOW

There is 1 component with misconfigured ETags

- https://njaryasamaj.org/assets/images/arya-samaj-banner.png

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Compress components	A (100)	▲ AVG SCORE: 89%	SERVER	HIGH

You scored 100% on this recommendation - nothing to do here!

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Use a Content Delivery Network (CDN)	A (100)	▲ AVG SCORE: 28%	SERVER	MEDIUM

Using a CDN YSlow doesn't recognize? Specify your CDNs in your User Settings.

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Minify JavaScript and CSS	A (100)	▲ AVG SCORE: 72%	CSS/JS	MEDIUM

You scored 100% on this recommendation - nothing to do here!

Avoid URL redirects

`A (100)` ▲ AVG SCORE: 88%   CONTENT   MEDIUM

You scored 100% on this recommendation - nothing to do here!

Make AJAX cacheable

`A (100)` ◆ AVG SCORE: 100%   JS   MEDIUM

You scored 100% on this recommendation - nothing to do here!

Remove duplicate JavaScript and CSS

`A (100)` ◆ AVG SCORE: 100%   CSS/JS   MEDIUM

You scored 100% on this recommendation - nothing to do here!

Avoid AlphaImageLoader filter

`A (100)` ◆ AVG SCORE: 99%   CSS   MEDIUM

You scored 100% on this recommendation - nothing to do here!

Avoid HTTP 404 (Not Found) error

`A (100)` ◆ AVG SCORE: 98%   CONTENT   MEDIUM

You scored 100% on this recommendation - nothing to do here!

Reduce the number of DOM elements

`A (100)` ▲ AVG SCORE: 91%   CONTENT   LOW

You scored 100% on this recommendation - nothing to do here!

Use GET for AJAX requests

`A (100)` ◆ AVG SCORE: 100%   JS   LOW

You scored 100% on this recommendation - nothing to do here!

Avoid CSS expressions

`A (100)` ◆ AVG SCORE: 99%   CSS   LOW

You scored 100% on this recommendation - nothing to do here!

Reduce DNS lookups

`A (100)` ▲ AVG SCORE: 69%   CONTENT   LOW

- njaryasamaj.org: 9 components, 1177.1K (196.0K GZip)
- cdnjs.cloudflare.com: 1 component, 31.0K (6.6K GZip)
- fonts.googleapis.com: 2 components, 7.8K (0.9K GZip)

Reduce cookie size

`A (100)` ◆ AVG SCORE: 100%   COOKIE   LOW

You scored 100% on this recommendation - nothing to do here!

Make favicon small and cacheable

`A (100)` ◆ AVG SCORE: 100%   IMAGES   LOW

You scored 100% on this recommendation - nothing to do here!

Make JavaScript and CSS external	(n/a)	CSS/JS	MEDIUM

Only consider this if your property is a common user home page.