



## Performance Report for:

[https://ffuglsang.github.io/EcoTea/eco\\_tea/src/](https://ffuglsang.github.io/EcoTea/eco_tea/src/)

Report generated: Thu, Sep 13, 2018, 12:53 AM -0700

Test Server Region: Vancouver, Canada

Using: Chrome (Desktop) 62.0.3202.94, PageSpeed 1.15-gt1, YSlow 3.1.8

PageSpeed Score

**B (88%)** ^

YSlow Score

**B (88%)** ^

Fully Loaded Time

**1.0s** ^

Total Page Size

**244KB** ^

Requests

**20** ^

### Top 5 Priority Issues

Leverage browser caching	D (63)	♦ AVG SCORE: 61%	SERVER	HIGH
Optimize images	D (65)	♥ AVG SCORE: 71%	IMAGES	HIGH
Avoid bad requests	C (75)	♥ AVG SCORE: 98%	CONTENT	HIGH
Avoid CSS @import	A (92)	♥ AVG SCORE: 98%	CSS	MEDIUM
Minify CSS	A (99)	♦ AVG SCORE: 95%	CSS	HIGH

### 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 22 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?

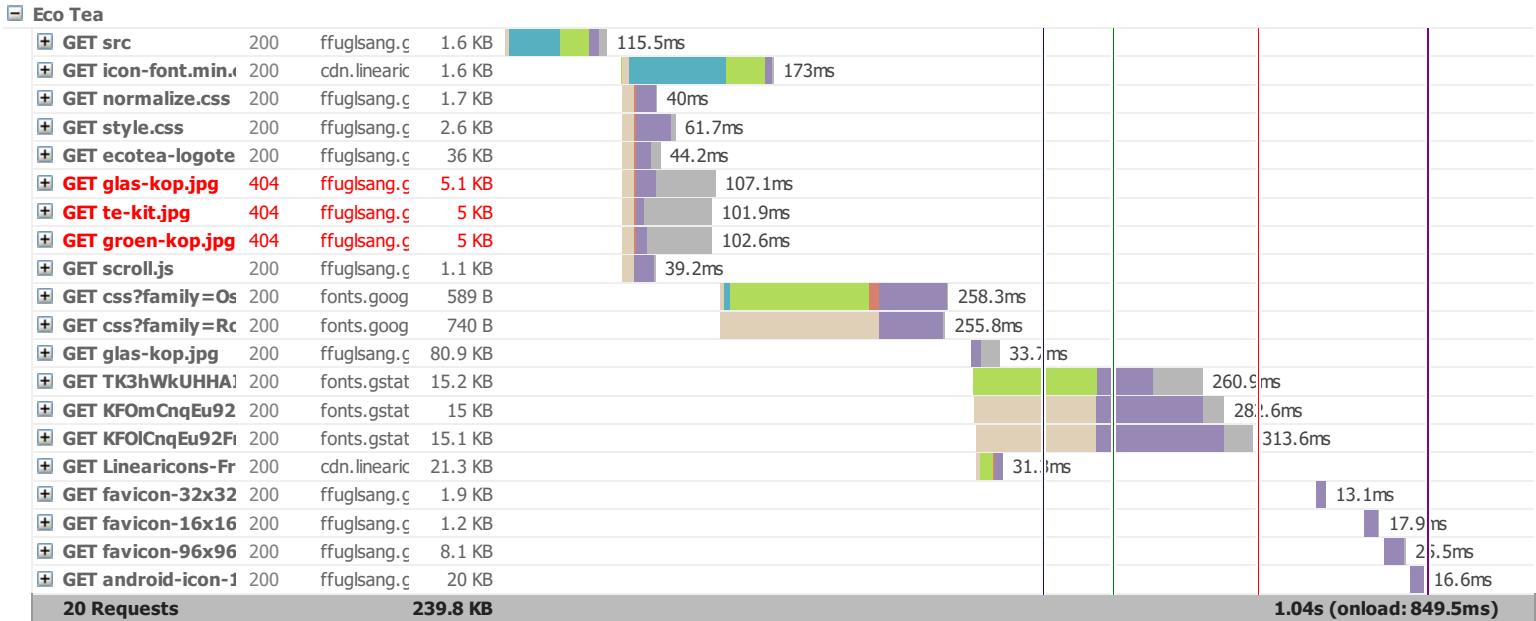
This report covers basic to technical analyses on your page. It is categorized under many headings:

- **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.



## PageSpeed Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
<b>Leverage browser caching</b>	D (63)	♦ AVG SCORE: 61%	SERVER	HIGH

Leverage browser caching for the following cacheable resources:

- [https://ffuglsang.github.io/EcoTea/eco\\_tea/src/css/normalize.css](https://ffuglsang.github.io/EcoTea/eco_tea/src/css/normalize.css) (10 minutes)
- [https://ffuglsang.github.io/EcoTea/eco\\_tea/src/css/style.css](https://ffuglsang.github.io/EcoTea/eco_tea/src/css/style.css) (10 minutes)
- [https://ffuglsang.github.io/EcoTea/eco\\_tea/src/images/ecotea-logotext.png](https://ffuglsang.github.io/EcoTea/eco_tea/src/images/ecotea-logotext.png) (10 minutes)
- [https://ffuglsang.github.io/EcoTea/eco\\_tea/src/images/favicon/android-icon-192x192.png](https://ffuglsang.github.io/EcoTea/eco_tea/src/images/favicon/android-icon-192x192.png) (10 minutes)
- [https://ffuglsang.github.io/EcoTea/eco\\_tea/src/images/favicon/favicon-16x16.png](https://ffuglsang.github.io/EcoTea/eco_tea/src/images/favicon/favicon-16x16.png) (10 minutes)
- [https://ffuglsang.github.io/EcoTea/eco\\_tea/src/images/favicon/favicon-32x32.png](https://ffuglsang.github.io/EcoTea/eco_tea/src/images/favicon/favicon-32x32.png) (10 minutes)
- [https://ffuglsang.github.io/EcoTea/eco\\_tea/src/images/favicon/favicon-96x96.png](https://ffuglsang.github.io/EcoTea/eco_tea/src/images/favicon/favicon-96x96.png) (10 minutes)
- [https://ffuglsang.github.io/EcoTea/eco\\_tea/src/images/scaled/glas-kop.jpg](https://ffuglsang.github.io/EcoTea/eco_tea/src/images/scaled/glas-kop.jpg) (10 minutes)
- [https://ffuglsang.github.io/EcoTea/eco\\_tea/src/js/scroll.js](https://ffuglsang.github.io/EcoTea/eco_tea/src/js/scroll.js) (10 minutes)

<b>Optimize images</b>	D (65)	♥ AVG SCORE: 71%	IMAGES	HIGH
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Optimize the following images to reduce their size by 41.9KiB (29% reduction).

- Losslessly compressing [https://ffuglsang.github.io/EcoTea/eco\\_tea/src/images/scaled/glas-kop.jpg](https://ffuglsang.github.io/EcoTea/eco_tea/src/images/scaled/glas-kop.jpg) could save 21.5KiB (27% reduction). See [optimized version](#).
- Losslessly compressing [https://ffuglsang.github.io/EcoTea/eco\\_tea/src/images/ecotea-logotext.png](https://ffuglsang.github.io/EcoTea/eco_tea/src/images/ecotea-logotext.png) could save 11.3KiB (32% reduction). See [optimized version](#).
- Losslessly compressing [https://ffuglsang.github.io/EcoTea/eco\\_tea/src/images/favicon/android-icon-192x192.png](https://ffuglsang.github.io/EcoTea/eco_tea/src/images/favicon/android-icon-192x192.png) could save 5.3KiB (27% reduction). See [optimized version](#).
- Losslessly compressing [https://ffuglsang.github.io/EcoTea/eco\\_tea/src/images/favicon/favicon-96x96.png](https://ffuglsang.github.io/EcoTea/eco_tea/src/images/favicon/favicon-96x96.png) could save 2.6KiB (33% reduction). See [optimized version](#).
- Losslessly compressing [https://ffuglsang.github.io/EcoTea/eco\\_tea/src/images/favicon/favicon-16x16.png](https://ffuglsang.github.io/EcoTea/eco_tea/src/images/favicon/favicon-16x16.png) could save 575B (48% reduction). See [optimized version](#).
- Losslessly compressing [https://ffuglsang.github.io/EcoTea/eco\\_tea/src/images/favicon/favicon-32x32.png](https://ffuglsang.github.io/EcoTea/eco_tea/src/images/favicon/favicon-32x32.png) could save 573B (30% reduction). See [optimized version](#).

<b>Avoid bad requests</b>	C (75)	♥ AVG SCORE: 98%	CONTENT	HIGH
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The following requests are returning 404/410 responses. Either fix the broken links, or remove the references to the non-existent resources.

- [https://ffuglsang.github.io/EcoTea/eco\\_tea/images/scaled/glas-kop.jpg](https://ffuglsang.github.io/EcoTea/eco_tea/images/scaled/glas-kop.jpg)
- <https://ffuglsang.github.io/images/scaled/groen-kop.jpg>
- <https://ffuglsang.github.io/images/te-kit.jpg>

<b>Avoid CSS @import</b>	A (92)	♥ AVG SCORE: 98%	CSS	MEDIUM
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The following external stylesheets were included in [https://ffuglsang.github.io/EcoTea/eco\\_tea/src/css/style.css](https://ffuglsang.github.io/EcoTea/eco_tea/src/css/style.css) using @import.

- <https://fonts.googleapis.com/css?family=Oswald:200,300,400,500,600,700>
- <https://fonts.googleapis.com/css?family=Roboto:100,300,400,500,700>

<b>Minify CSS</b>	A (99)	♦ AVG SCORE: 95%	CSS	HIGH
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Minify CSS for the following resources to reduce their size by 1.4KiB (20% reduction).

- Minifying [https://ffuglsang.github.io/EcoTea/eco\\_tea/src/css/normalize.css](https://ffuglsang.github.io/EcoTea/eco_tea/src/css/normalize.css) could save 974B (56% reduction) after compression. See [optimized version](#).
- Minifying [https://ffuglsang.github.io/EcoTea/eco\\_tea/src/css/style.css](https://ffuglsang.github.io/EcoTea/eco_tea/src/css/style.css) could save 309B (12% reduction) after compression. See [optimized version](#).
- Minifying <https://fonts.googleapis.com/css?family=Roboto:100,300,400,500,700> could save 72B (9% reduction) after compression. See [optimized version](#).
- Minifying <https://cdn.linearicons.com/free/1.0.0/icon-font.min.css> could save 69B (5% reduction) after compression. See [optimized version](#).
- Minifying <https://fonts.googleapis.com/css?family=Oswald:200,300,400,500,600,700> could save 54B (9% reduction) after compression. See [optimized version](#).

## Specify image dimensions

A (99)

AVG SCORE: 98%

IMAGES

MEDIUM

The following image(s) are missing width and/or height attributes.

- [https://ffuglsang.github.io/EcoTea/eco\\_tea/images/scaled/glas-kop.jpg](https://ffuglsang.github.io/EcoTea/eco_tea/images/scaled/glas-kop.jpg)
- [https://ffuglsang.github.io/EcoTea/eco\\_tea/src/images/ecotea-logotext.png](https://ffuglsang.github.io/EcoTea/eco_tea/src/images/ecotea-logotext.png) (Dimensions: 275 x 380) (2 uses)
- <https://ffuglsang.github.io/images/scaled/groen-kop.jpg>
- <https://ffuglsang.github.io/images/te-kit.jpg>

## Minify JavaScript

A (99)

AVG SCORE: 89%

JS

HIGH

Minify JavaScript for the following resources to reduce their size by 314B (28% reduction).

- Minifying [https://ffuglsang.github.io/EcoTea/eco\\_tea/src/js/scroll.js](https://ffuglsang.github.io/EcoTea/eco_tea/src/js/scroll.js) could save 314B (28% reduction) after compression. See [optimized version](#).

## Minify HTML

A (99)

AVG SCORE: 98%

CONTENT

LOW

Minify HTML for the following resources to reduce their size by 151B (10% reduction).

- Minifying [https://ffuglsang.github.io/EcoTea/eco\\_tea/src/](https://ffuglsang.github.io/EcoTea/eco_tea/src/) could save 151B (10% reduction) after compression. See [optimized version](#).

## 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: 71%

JS

HIGH

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

## Enable gzip compression

A (100)

AVG SCORE: 86%

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: 94%

JS

HIGH

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

**Minimize redirects**

A (100)



AVG SCORE: 89%

CONTENT

HIGH

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

**Minimize request size**

A (100)



AVG SCORE: 96%

CONTENT

HIGH

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

**Optimize the order of styles and scripts**

A (100)



AVG SCORE: 94%

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: 74%

IMAGES

HIGH

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

**Specify a cache validator**

A (100)



AVG SCORE: 94%

SERVER

HIGH

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

**Combine images using CSS sprites**

A (100)



AVG SCORE: 90%

IMAGES

HIGH

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!

**Specify a Vary: Accept-Encoding header**

A (99)



AVG SCORE: 96%

SERVER

LOW

The following publicly cacheable, compressible resources should have a "Vary: Accept-Encoding" header:

- <https://cdn.linearicons.com/free/1.0.0/icon-font.min.css>

Specify a character set early

A (100)



AVG SCORE: 100%

CONTENT

MEDIUM

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

Avoid a character set in the meta tag

A (100)



AVG SCORE: 100%

CONTENT

LOW

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

Remove query strings from static resources

A (100)











AVG SCORE: 88%

CONTENT

LOW

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

## YSlow Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
<b>Add Expires headers</b>	<div><div>F (23)</div></div>	 AVG SCORE: 26%	SERVER	HIGH
There are 7 static components without a far-future expiration date.				
<ul style="list-style-type: none"><li><a href="https://ffuglsang.github.io/EcoTea/eco_tea/src/css/normalize.css">https://ffuglsang.github.io/EcoTea/eco_tea/src/css/normalize.css</a></li><li><a href="https://ffuglsang.github.io/EcoTea/eco_tea/src/css/style.css">https://ffuglsang.github.io/EcoTea/eco_tea/src/css/style.css</a></li><li><a href="https://ffuglsang.github.io/EcoTea/eco_tea/src/images/ecotea-logotext.png">https://ffuglsang.github.io/EcoTea/eco_tea/src/images/ecotea-logotext.png</a></li><li><a href="https://ffuglsang.github.io/EcoTea/eco_tea/src/js/scroll.js">https://ffuglsang.github.io/EcoTea/eco_tea/src/js/scroll.js</a></li><li><a href="https://fonts.googleapis.com/css?family=Oswald:200,300,400,500,600,700">https://fonts.googleapis.com/css?family=Oswald:200,300,400,500,600,700</a></li><li><a href="https://fonts.googleapis.com/css?family=Roboto:100,300,400,500,700">https://fonts.googleapis.com/css?family=Roboto:100,300,400,500,700</a></li><li><a href="https://ffuglsang.github.io/EcoTea/eco_tea/src/images/scaled/glas-kop.jpg">https://ffuglsang.github.io/EcoTea/eco_tea/src/images/scaled/glas-kop.jpg</a></li></ul>				
<b>Make fewer HTTP requests</b>	<div><div>B (88)</div></div>	 AVG SCORE: 33%	CONTENT	HIGH
This page has 5 external stylesheets. Try combining them into one.				
<b>Avoid HTTP 404 (Not Found) error</b>	<div><div>B (85)</div></div>	 AVG SCORE: 98%	CONTENT	MEDIUM
There are 3 requests that are 404 Not Found				
<ul style="list-style-type: none"><li><a href="https://ffuglsang.github.io/EcoTea/eco_tea/images/scaled/glas-kop.jpg">https://ffuglsang.github.io/EcoTea/eco_tea/images/scaled/glas-kop.jpg</a></li><li><a href="https://ffuglsang.github.io/images/te-kit.jpg">https://ffuglsang.github.io/images/te-kit.jpg</a></li><li><a href="https://ffuglsang.github.io/images/scaled/groen-kop.jpg">https://ffuglsang.github.io/images/scaled/groen-kop.jpg</a></li></ul>				
<b>Compress components with gzip</b>	<div><div>A (100)</div></div>	 AVG SCORE: 87%	SERVER	HIGH
You scored 100% on this recommendation - nothing to do here!				
<b>Use a Content Delivery Network (CDN)</b>	<div><div>A (100)</div></div>	 AVG SCORE: 23%	SERVER	MEDIUM
Using a CDN YSlow doesn't recognize? Specify your CDNs in your <a href="#">User Settings</a> .				
<b>Minify JavaScript and CSS</b>	<div><div>A (100)</div></div>	 AVG SCORE: 72%	CSS/JS	MEDIUM
You scored 100% on this recommendation - nothing to do here!				
<b>Avoid URL redirects</b>	<div><div>A (100)</div></div>	 AVG SCORE: 88%	CONTENT	MEDIUM
You scored 100% on this recommendation - nothing to do here!				
<b>Make AJAX cacheable</b>	<div><div>A (100)</div></div>	 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 AlphasLoader filter

A (100)

◆ AVG SCORE: 99%

CSS

MEDIUM

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

## Reduce the number of DOM elements

A (100)

▲ AVG SCORE: 92%

CONTENT

LOW

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

## Use cookie-free domains

A (100)

▲ AVG SCORE: 51%

COOKIE

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

- ffuglsang.github.io: 13 components, 207.2K (22.6K GZip)
- cdn.linearicons.com: 1 component, 7.3K (1.6K GZip)
- fonts.googleapis.com: 2 components, 19.7K (1.3K 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!

## Configure entity tags (ETags)

A (100)

▲ AVG SCORE: 91%

SERVER

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.

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