

YSlow

YSlow analyzes web pages and why they're slow based on Yahoo!'s rules for high performance web sites

[En Español](#)[Source](#)[Issues](#)[FAQ](#)[Help](#)[Mobile](#)

Feature highlights

- Grades web page based on one of three predefined ruleset or a user-defined ruleset;
- It offers suggestions for improving the page's performance;
- Summarizes the page's components;
- Displays statistics about the page;
- Provides tools for performance analysis, including [Smush.it™](#) and [JSLint](#).

Availability

[Firefox](#)[Chrome](#)[Mobile/Bookmarklet](#)[Opera](#)[Safari](#)[Command Line \(HAR\)](#)[PhantomJS](#)[Node.js Server](#)[Source Code](#)

» [View YSlow Ruleset Limitations](#) across several browsers/platforms.

Web Performance Best Practices and Rules

Yahoo!'s Exceptional Performance team has identified 34 rules that affect web page performance. YSlow's web page analysis is based on the 23 of these 34 rules that are testable. Click each performance rule below to see the details.

1. [Minimize HTTP Requests](#)
2. [Use a Content Delivery Network](#)
3. [Avoid empty src or href](#)
4. [Add an Expires or a Cache-Control Header](#)
5. [Gzip Components](#)
6. [Put StyleSheets at the Top](#)
7. [Put Scripts at the Bottom](#)
8. [Avoid CSS Expressions](#)
9. [Make JavaScript and CSS External](#)
10. [Reduce DNS Lookups](#)
11. [Minify JavaScript and CSS](#)
12. [Avoid Redirects](#)
13. [Remove Duplicate Scripts](#)
14. [Configure ETags](#)
15. [Make AJAX Cacheable](#)
16. [Use GET for AJAX Requests](#)
17. [Reduce the Number of DOM Elements](#)
18. [No 404s](#)
19. [Reduce Cookie Size](#)
20. [Use Cookie-Free Domains for Components](#)
21. [Avoid Filters](#)
22. [Do Not Scale Images in HTML](#)
23. [Make favicon.ico Small and Cacheable](#)

» [Check out the YSlow Ruleset Matrix](#) to see how the grade is computed.

Sample Screenshot

Home **Grade** Components | Statistics | Rulesets YSlow(V2) Edit | ? Help ↓

Grade A Overall performance score 92 Ruleset applied: YSlow(V2) URL: <http://www.yahoo.com/>

ALL (23) FILTER BY: [CONTENT \(6\)](#) | [COOKIE \(2\)](#) | [CSS \(6\)](#) | [IMAGES \(2\)](#) | [JAVASCRIPT \(4\)](#) | [SERVER \(6\)](#)

F Make fewer HTTP requests	Grade F on Make fewer HTTP requests This page has 4 external Javascript scripts. Try combining them into one. This page has 26 external background images. Try combining them with CSS sprites.
A Use a Content Delivery Network (CDN)	
A Avoid empty src or href	
B Add Expires headers	
A Compress components with gzip	

Frequently Asked Questions

1. [What platforms does YSlow run on?](#)
2. [How does YSlow work?](#)
3. [How are the grades computed?](#)
4. [How do I add my CDN hostname to YSlow for Rule 2?](#)
5. [What YSlow results are included in the YSlow beacon?](#)

[See more...](#)

Contact Us

YSlow development is discussed in the [GitHub Issue Tracker](#).

General performance questions are discussed in the [Exceptional Performance group](#).

[Ads by Google](#) ▶ [Speed Test](#) ▶ [Speed Check](#) ▶ [Web Page](#) ▶ [Yslow Gzip](#)


Project maintained by [marcelduran](#)

Hosted on GitHub Pages — Theme by [orderedlist](#)

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Tweets


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**YSlow**
@yslow 6 May

Since most of you missing YSlow 4 FF are likely to be a dev who cares about YSlow + FF + Firebug.I kindly call 4 help
pic.twitter.com/F0P9zFGFym

Since most of you missing YSlow on FF are very likely to be a developer who cares about YSlow + Firefox + Firebug. I kindly call for your help. It's been years since I'm not following FF nor FB development. Chances are some change on their end broke YSlow. If only one of you could spend some time investigating I'd be more than happy to merge a PR on Github and push to Mozilla. Thanks.


Expand

**Sergey Chernyshev**
@sergeyche 31 Mar

Looks like it's a month of migration so starting April I will be joining [@keynotesystems](#) as [#webperf](#) consultant
sergeychernyshev.com/blog/web-perfo...


Retweeted by YSlow

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**Using WebPagetest**
@usingwpt 19 Feb

RT: [@GoDaddyHelp](#) uses WebPagetest to investigate performance of customers' slow websites. That's good support!

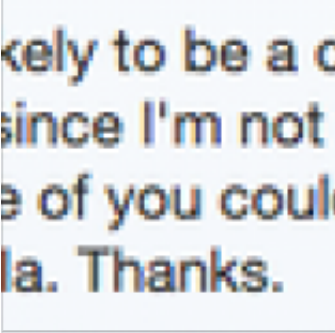
[@GoDaddyHelp](#)

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May 6

Since most of you missing YSlow 4 FF are likely to be a dev who cares about YSlow + FF + Firebug.I kindly call 4 help <http://t.co/F0P9zFGFym>



YSlow (@yslow) posted a PIC.TWIT...