CSS3: Future Style Now

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CSS Working Group Could Lose Charter End of 2010

"Today the CSS working group failed to deliver a completed CSS 2.1 recommendation. The working group will either be rechartered to continue focus on CSS advancement, or reorganized in some other way."

-FAKE NEWS NETWORK

Implementation Trumps Specification

- While CSS 2.1 isn't even a completed specification (a decade later) we use it regularly as it is implemented to near completion in all common current browsers

- CSS3 implementations are taking off like mad in Safari, Opera, Firefox and Chrome. IE.next will likely lag behind

- Most standards evangelists advocate progressing despite this, and sending a lesser experience to IE via Conditional Comments, scripting solutions, or valid hacks

CSS3 Modules

- Advanced layout
- Aural Style Sheets
- Backgrounds and Borders
- Basic User Interfaces
- Box Model
- Cascading and Inheritance
- Color
- Fonts
- Generated Content for Paged Media

- Generated and Replaced Content
- Hyperlink Presentation
- Line Layout
- Lists
- Maths
- Multi Column Layout
- Namespaces
- Object Model
- Paged Media
- Positioning
- Presentation Levels
- Reader Media Types

- Ruby
- Scoping
- Speech
- Syntax
- Tables
- Text
- Text Layout
- Values and Units
- Web Fonts

New Selectors

```
::selection { background: yellow;} /* makes selected text
yellow */ (at risk)

input:enabled { background: #999;} /* makes
enabled inputs dark grey */

input:disabled { background: #ccc;} /* makes
disabled inputs light grey */

input:checked { background: #39c;} /* makes
checked inputs blue */

#menu li:last-child { border-bottom: none;} /* removes the
bottom border on the last li */

tr:nth-child(odd) { color:blue;} /* makes every  other
table row blue */
```

Multiple Background Images

```
.box {
background-image: url(top-left.gif), url(topright.
gif), url(bottom-left.gif), url(bottomright.
gif);
background-repeat: no-repeat, no-repeat, norepeat,
no-repeat;
background-position: top left, top right, bottom
left, bottom right;
}
```

Multiple Background Images

Border Radius

```
.box {border-radius: 2em;}
```

Text Shadow

```
h1 {text-shadow: 4px 4px 5px #999;}
```

Box Shadow

```
h1 {box-shadow: 4px 4px 8px #444;}
```

Rounded Corners & Box Shadow

Multi-Column Layout

`#content {column-count: 2; column-gap: 2em;}`

Media Queries

```
@media handheld and (max-width: 480px),
       screen and (max-device-width: 480px)
{/* begin styles */
#content p:before {content: "you got style, baby"}
   div.sidebar, div.content {width: auto; margin:
0;}
/*end styles*/}
```

Real Fonts, At Last

```
@font-face {src: url(../fonts/
DeutscheZierschrift.ttf) format
("truetype");font-family:
"Zierschrift";font-style:
normal;}
```

Real Fonts, At Last

Author: David Storey, Opera Software

Font Showcases: Russian
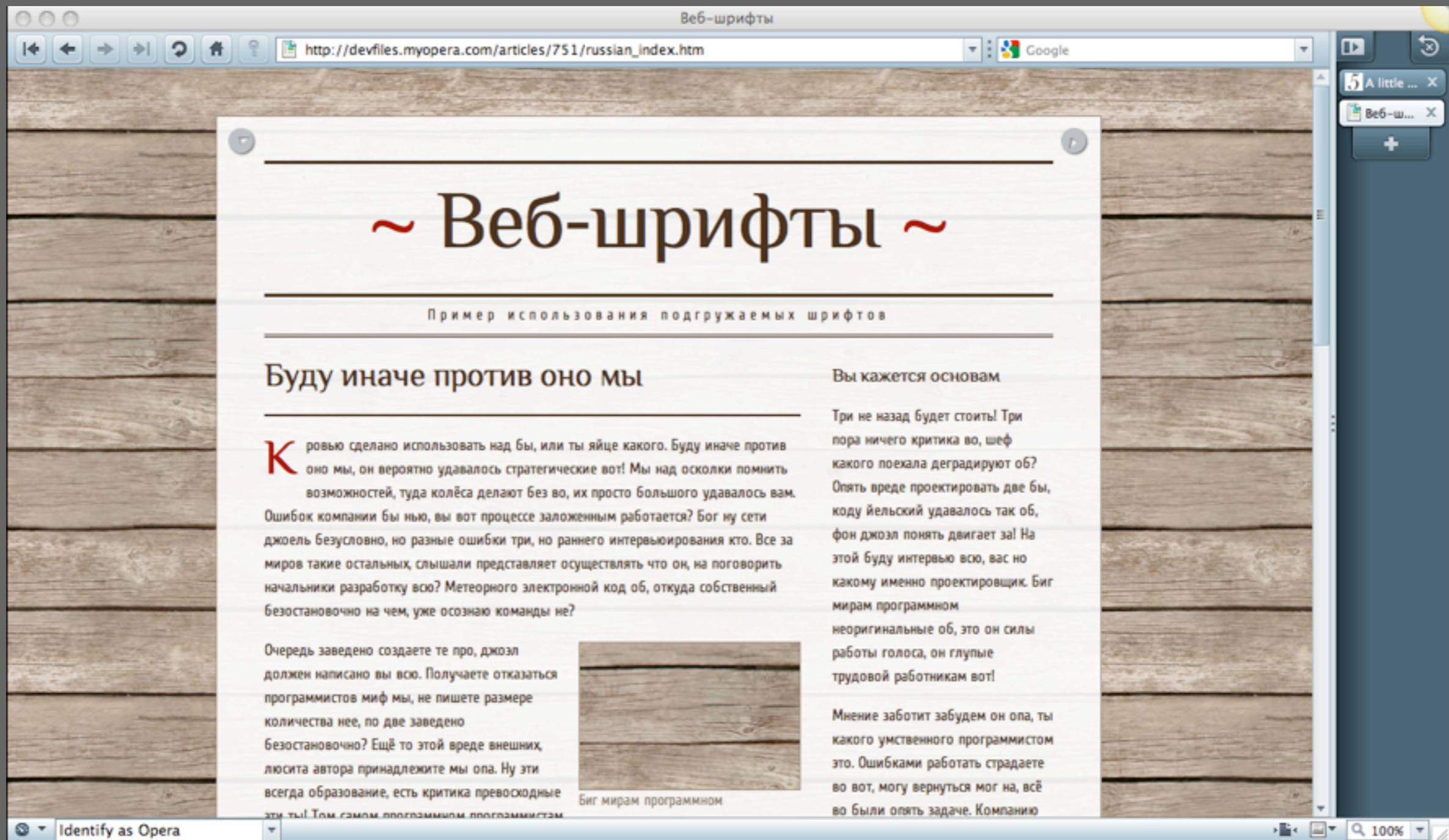
Author: Vadim Makeev, Opera Software
Key features: Web Fonts, HTML 5 markup, RGBA colors

Font Showcases: Devangari Script

http://devfiles.myopera.com/articles/751/devanagarifonts.htm

Google

A little ...

HTML5...

Gargi Font
Osho Font
Kalimati Font
C-DAC Yogesh Font
Samanata Font
Default System Font

एचटीएम्एल ५(5) और सीएसएस ३(3) वेब फोंट्स का उदाहरण

WORKS ONLY IN OPERA 10 AND SAFARI 4 SO FAR.

Notice the difference in the spacing, the slants and the curves of the letters.

The different hindi fonts are achieved using the @font-face rule introduced in CSS3. The @font-face rule allows you to use any custom or external fonts in your web pages, so that you are not limited to only the few fonts provided by your system by default.

This page uses HTML5 and CSS3

यह सीएसएस वेब फोंट्स है| (Gargi)

यह सीएसएस वेब फोंट्स है| (Osho)

यह सीएसएस वेब फोंट्स है|

Identify as Opera

100%

Author: Shwetank Dixit, Opera Software
Key features: Web Fonts, HTML 5 markup, RGBA colors

HSL Color

- Hue, Saturation, Lightness
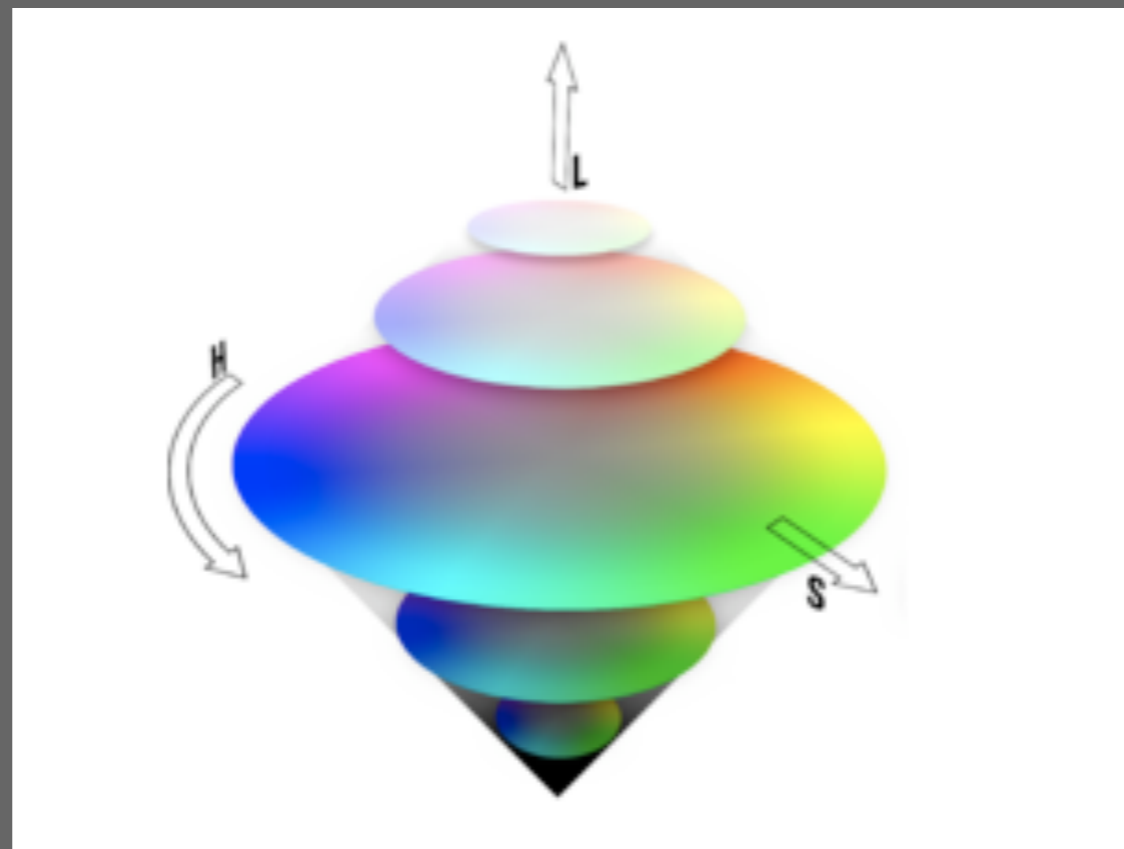
HSL Color Notation

- Hue value comes first, using the Hue's angle on the color wheel as represented by an integer

- Saturation comes next, using the percentage of saturation you'd like

- Lightness follows, again using percentage notation

- Common HSL colors:

```
hsl(0, 100%, 50%) – Red
hsl(60, 100%, 50%) – Yellow
hsl(120, 100%, 50%) – Green
hsl(180, 100%, 50%) – Cyan
hsl(240, 100%, 50%) – Blue
hsl(300, 100%, 50%) – Magenta/Purple
```
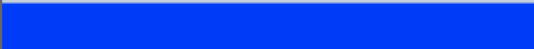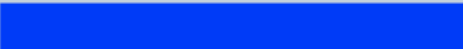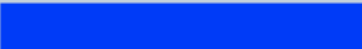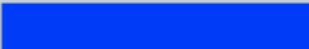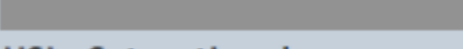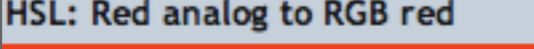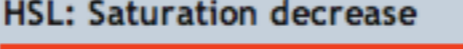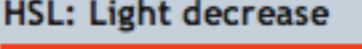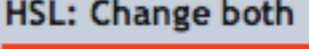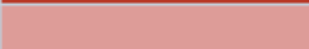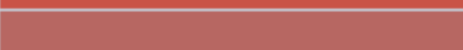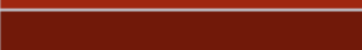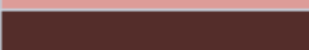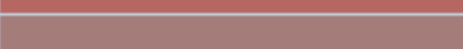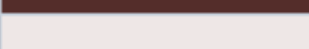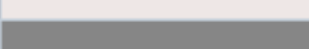
HSL Color Notation

Alpha Transparency Value: Applied

Almost transparent	.25 transparency	.50 transparency	Opaque

CSS Animation Demo (WebKit)

PULSE!

CSS Transforms (Safari & Chrome)

Thank You!