

# CSS3大補貼

2010 COSCUP/GNOME.asia 分享会



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# INTERWEB

A synergy

iphone  
apps

Flash

PDF

Widgets

Java Script  
jQuery

Geo  
location

HTML5

Web  
Workers

CORS

SVG

CSS3  
Webfonts

Internet Explorer  
!= Internet

facebook

Your website .

"Web 2.0"



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<谈一谈/>

# CSS3



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# 边框背景

## Borders Background



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# 圆 角 border-radius

four rounded corners

*border-radius: 25px;*

# 圆 角 border-radius

two rounded corner

*border-bottom-left-radius: 40px;  
border-bottom-right-radius: 40px;*

# 圆 角 border-radius

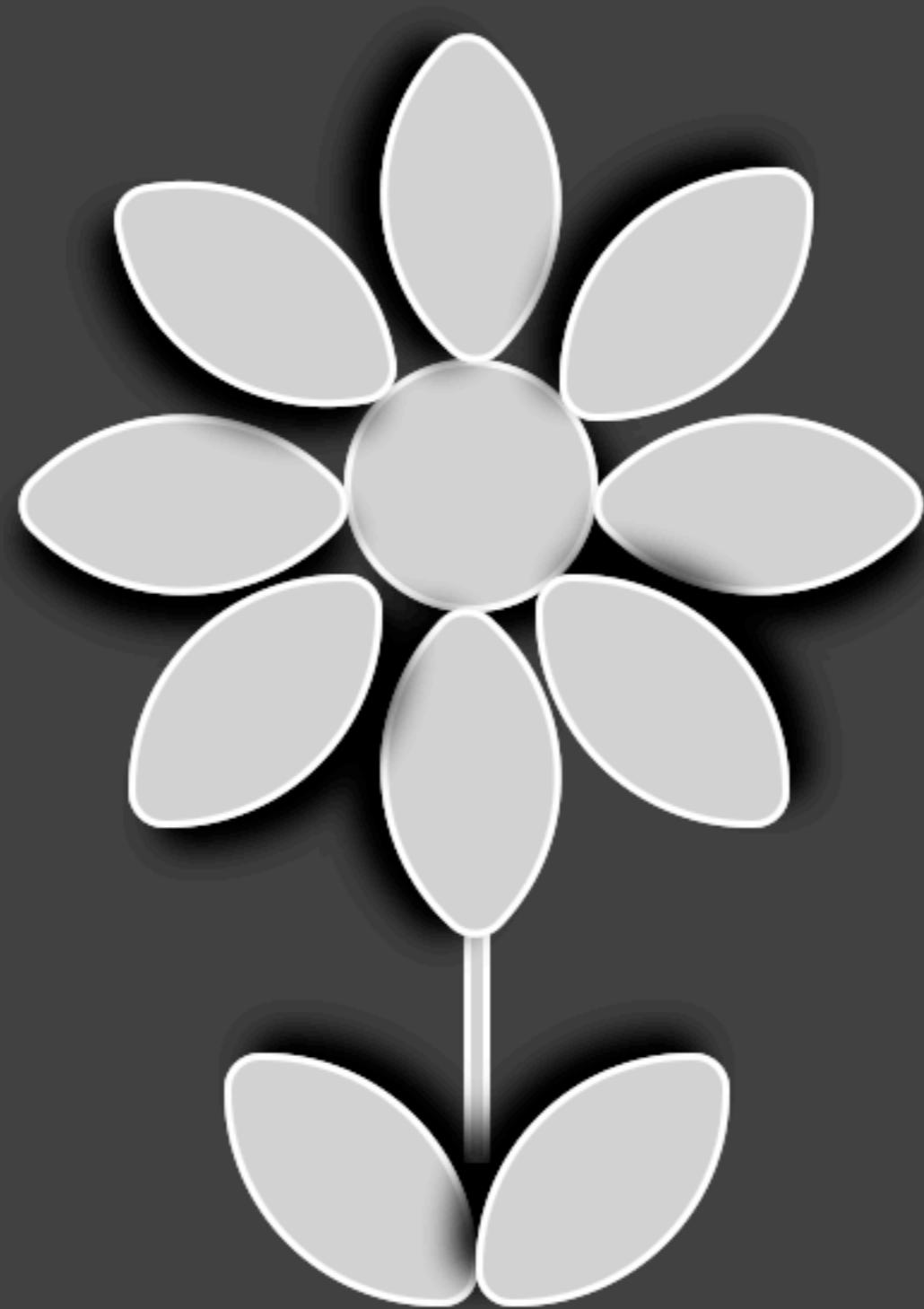
four rounded corners, bottom  
corners 40 pixels rounded, top  
corners 20 pixels rounded

```
border-bottom-left-radius: 40px;  
border-bottom-right-radius: 40px;  
border-top-left-radius: 10px;  
border-top-right-radius: 10px;
```

# 圆 角 border-radius

rounded corners with  
background

# 圆 角 border-radius



source: <http://zibin.tehais.com/?p=1410>

# 多背景图片 multiple background images



# 多背景图片 multiple background images



*background:*

*url(rose.png) no-repeat 150px -20px,*

*url(driedrose.png) no-repeat,*

*url(fieldsky.jpg) no-repeat;*

# 阴影效果 box-shadow

10 pixels offset,  
0 pixels blur radius

*box-shadow: 10px 10px 0px #fff;*

# 阴影效果 box-shadow

10 pixels offset,  
20 pixels blur radius

*box-shadow: 10px 10px 20px #fff;*

# 阴影效果 box-shadow



```
width, height: 100px;  
box-shadow: 10px 10px 20px #ff0000;  
border-radius: 60px;
```

转变

Transitions Transform

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# 动态转变

# Transitions

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```
div {  
    -o-transition-property: background-color,  
    width, height;  
    -o-transition-duration: 45, 85, 55;  
    -o-transition-delay: 05, 05 25;  
}
```

# 静态转变

# Transform

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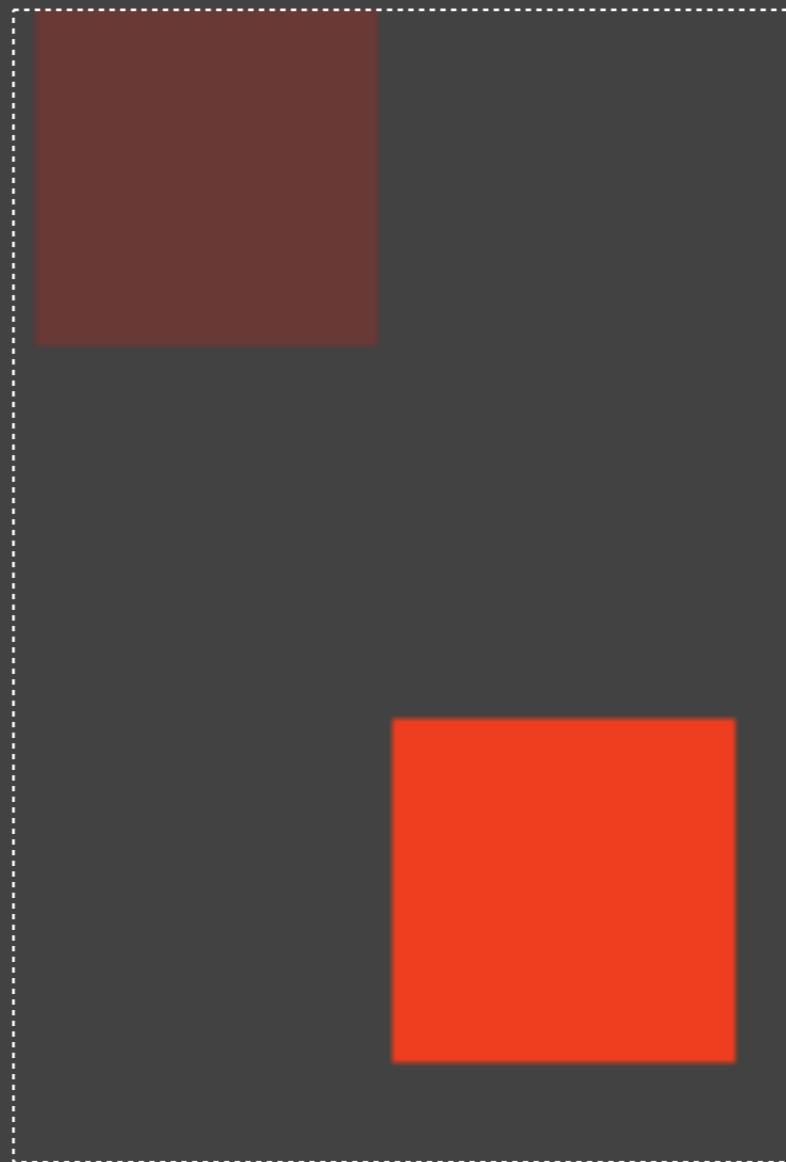


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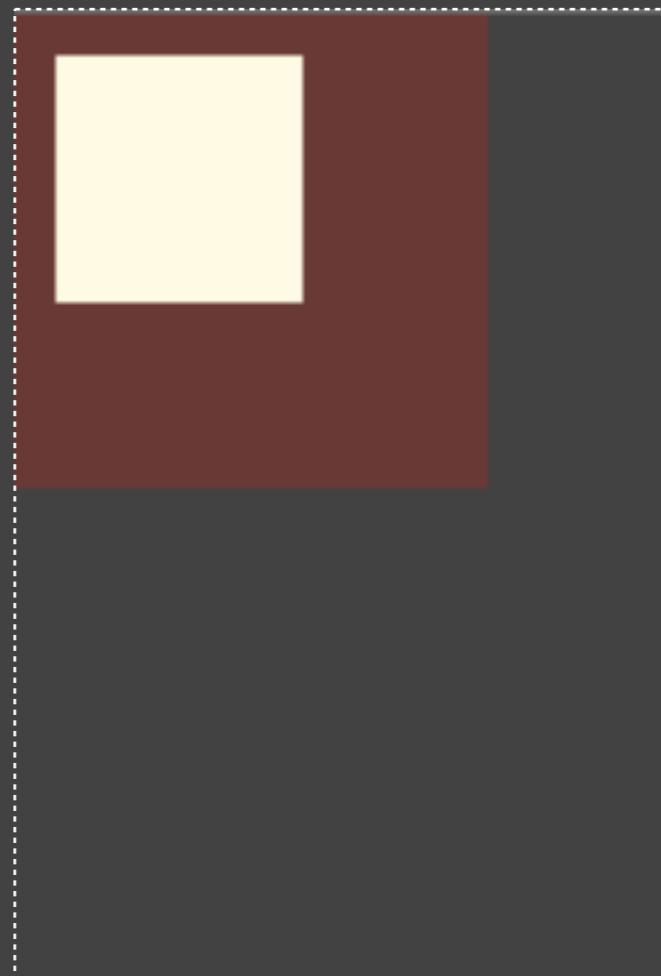
# Transform - translate 移动

*-o-transform: translate(50px, 100px);*



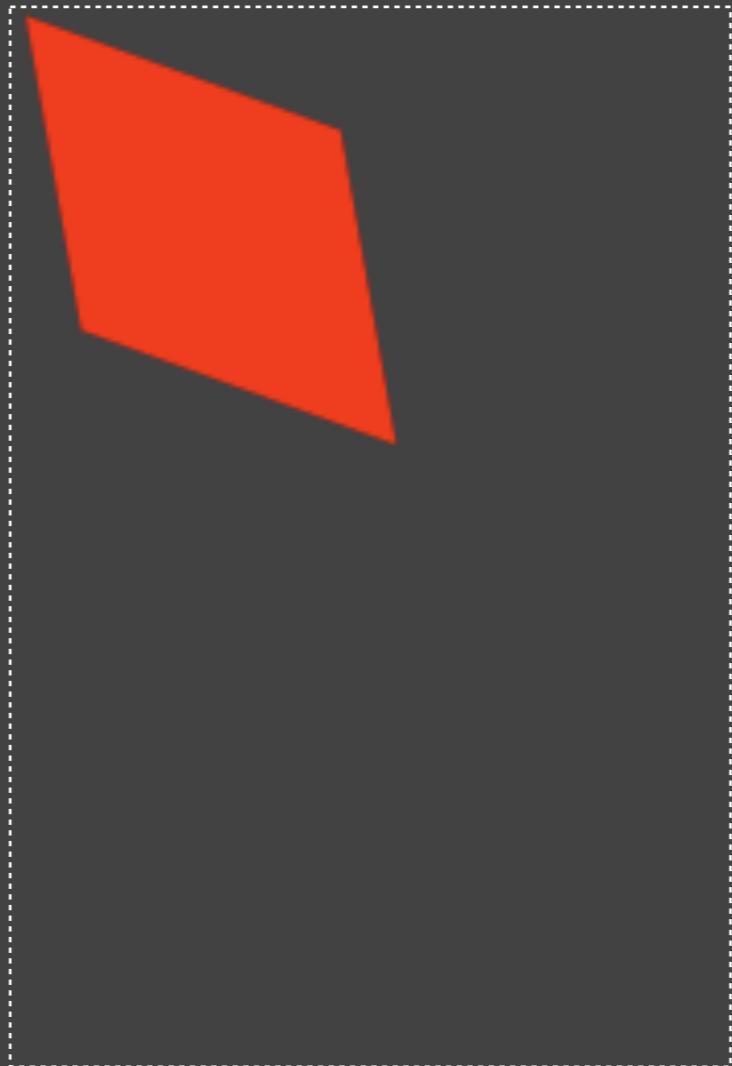
# Transform - scale 大小

*-o-transform: scale(2.5);*



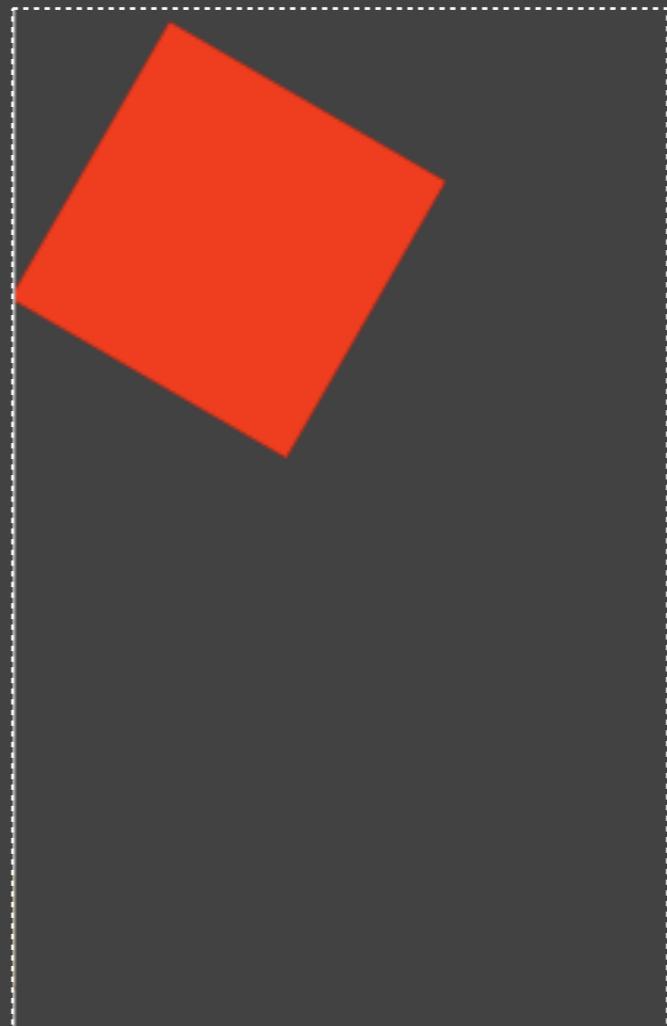
# Transform - skew 歪斜

*-o-transform: skew(10deg, 20deg)*



# Transform - rotate 转动

*-o-transform: rotate(30deg)*



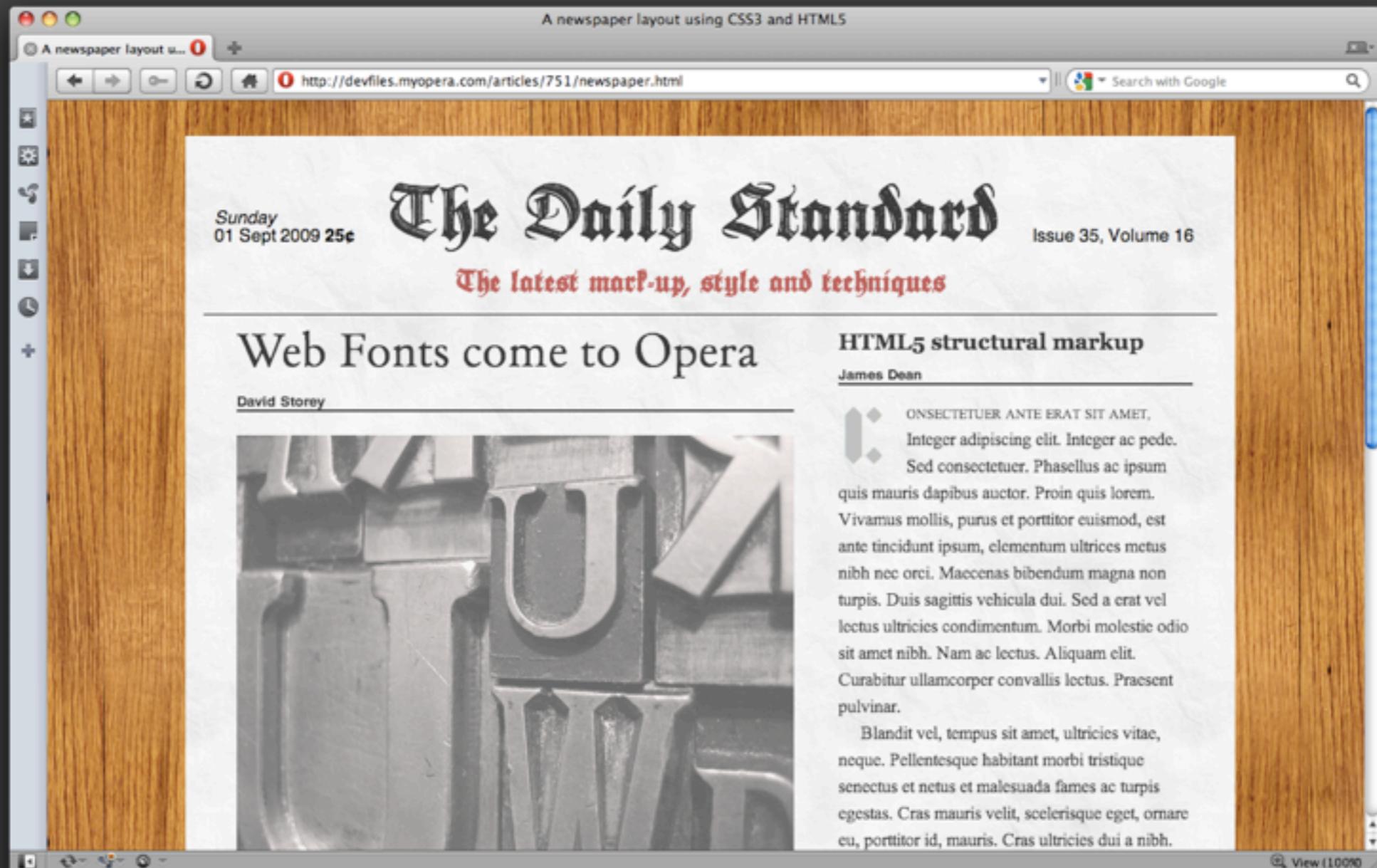
# 网络字型

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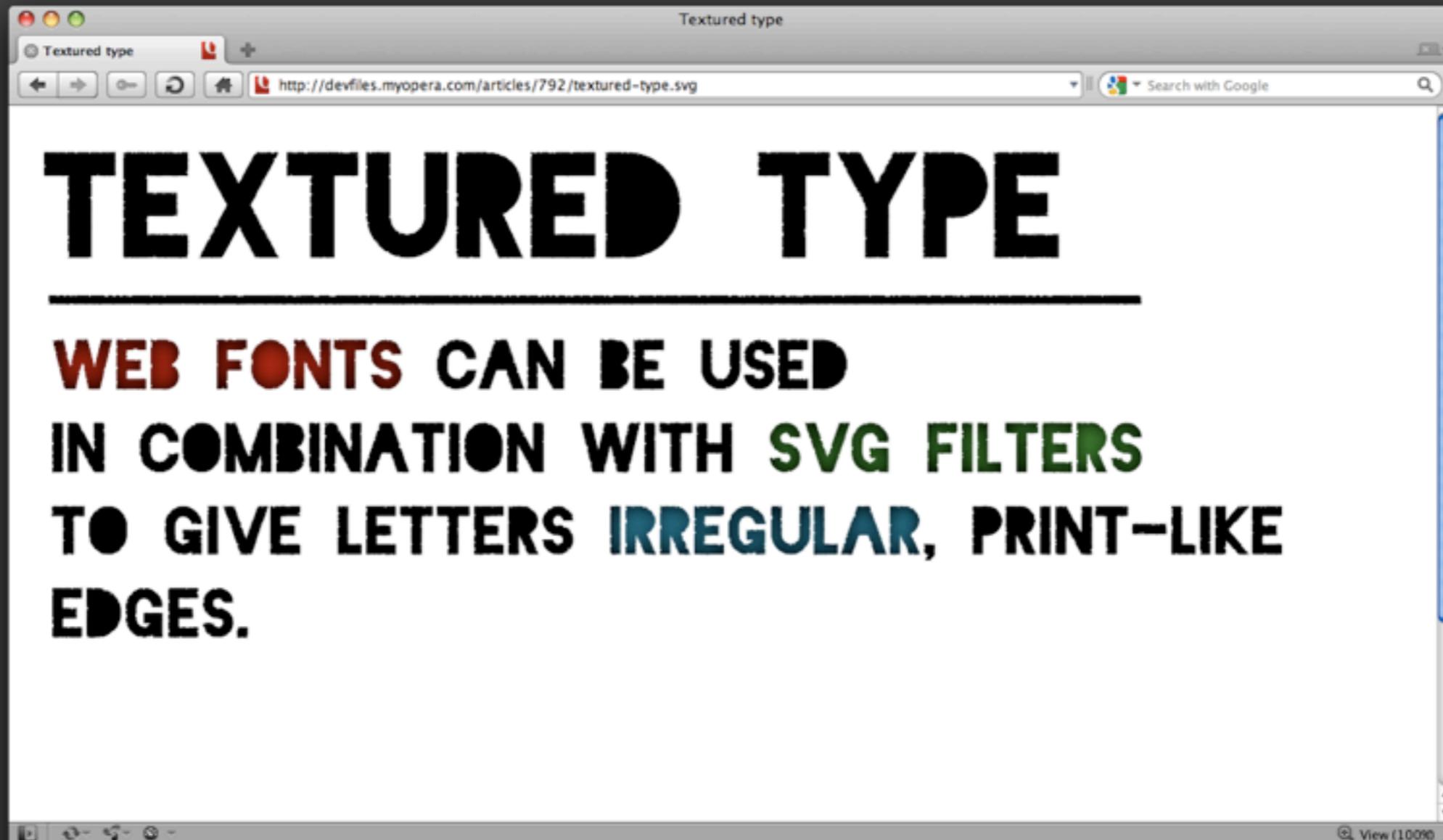
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```
@font-face {  
src: url(DeutscheZierschrift.ttf) format("truetype");  
font-family: "Zierschrift";  
font-style: normal;  
}
```

# SVG 网络字型

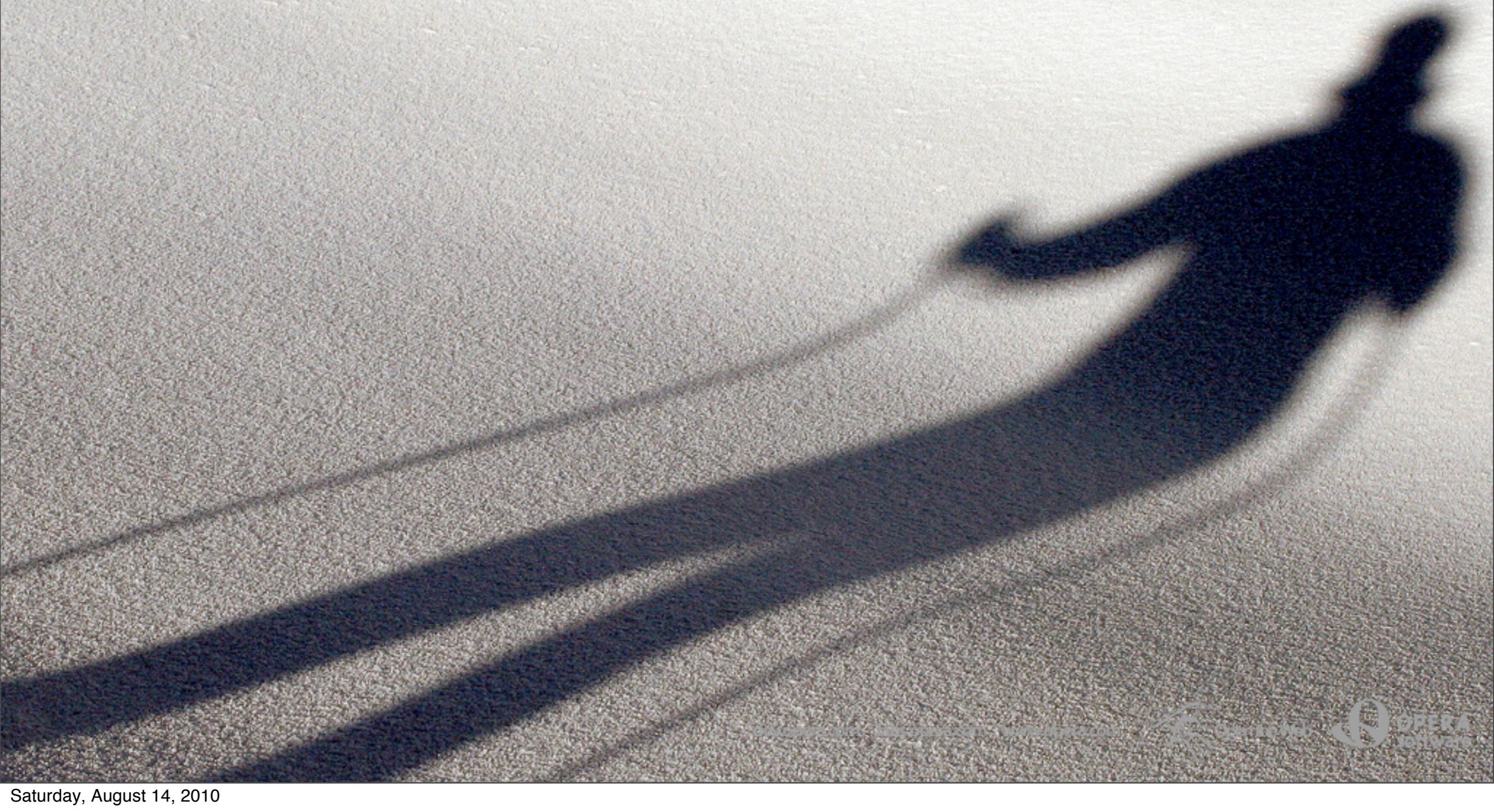


```
@font-face {  
    font-family: Blackout-Midnight;  
    src: url(Blackout-Midnight.ttf) format("truetype");  
}
```

# SVG 网络字型



# 文字阴影 text-shadow



文字阴影 text-shadow

# text-shadow

*text-shadow: #000000 10px 10px 19px;*

# 文字阴影 text-shadow

**text-shadow**

*text-shadow:*

```
0 0 4px white, 0 -5px 4px #ff3,  
2px -10px 6px #fd3, -2px -15px 11px #f80,  
2px -25px 18px #f20;
```



Saturday, August 14, 2010

# 透明 opacity



*opacity: 1.0;*



*opacity: 0.5;*



*opacity: 0.2;*

# 透明 `rgba / hsla`



`rgba(255,0,0,1.0);`

`rgba(255,0,0,0.8);`

`rgba(255,0,0,0.6);`

`rgba(255,0,0,0.4);`

`rgba(255,0,0,0.2);`



我現在就要用！

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# Progressive Enhancement      *Graceful Degradation*

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雖然他是一個老爺車。。。





雖然他是一個老爺車。。。

不過他還是有權利“上（馬）路”

# CSS3 Vendor Prefix

*-o-border-radius*

*-moz-border-radius*

*-webkit-border-radius*

*-ms-border-radius*

*border-radius*



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# 调试工具 Dragonfly

JavaScript  
CSS  
HTTP Header  
DOM

The screenshot shows a BBC News Business page about Disney buying Marvel. The page includes a sidebar with news categories like Africa, Americas, Asia-Pacific, Europe, Middle East, South Asia, UK, and Business. The Business category is selected. The main content area features a headline "Disney to buy Marvel in \$4bn deal" with a subtext about Walt Disney acquiring Marvel Entertainment. To the right is a photo of Spider-Man. A sidebar on the right lists "SEE ALSO" articles. At the bottom, the Opera browser's Dragonfly developer tools are open, showing the DOM tree, styles, and scripts. The DOM tree highlights an 

# element within a block. The styles panel shows a detailed CSS rule for the element.

BBC NEWS | Business | Disney to buy Marvel in \$4bn deal

http://news.bbc.co.uk/2/hi/business/8230504.stm

BBC NEWS

Low graphics Help Search Explore the BBC

News Front Page

Africa

Americas

Asia-Pacific

Europe

Middle East

South Asia

UK

**Business**

Market Data

Economy

ONE-MINUTE WORLD NEWS

Page last updated at 13:50 GMT, Monday, 31 August 2009 14:50 UK

E-mail this to a friend

Printable version

**Disney to buy Marvel in \$4bn deal**

Entertainment giant Walt Disney is to buy Marvel Entertainment in a shares and cash deal valued at \$4bn (£2.5bn). The deal means Disney will take over ownership of 5,000 Marvel characters, such as Spider-Man and the X-Men.

SEE ALSO

- Weaker sales dent Disney profits 30 Jul 09 | Business
- New hero for Spider-Man creator 21 Aug 09 | Entertainment
- Marvel sues Disney over royalties 17 Jul 04 | Entertainment

RELATED INTERNET LINKS

DOM Scripts Network Error Console Settings

BBC NEWS | Business | Disney to buy

html > body#body..blk.js > div.centerbody > div.mainwrapper > table.main > tbody > tr > td.contentwrapper > table.storycontent > tbody > tr > td > div.mxb > h1

Computed Style

```
bottom: 34px;
box-sizing: content-box;
color: #464646;
cursor: auto;
display: block;
font-family: Verdana;
font-size: 24px;
font-weight: 700;
height: 29px;
left: 0px;
margin-bottom: 15px;
margin-left: 0px;
margin-right: 0px;
```

Styles Properties Layout

有了CSS3是幸福的。。。



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未来就是现在  
Future is Now

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<谢谢：—)>



# 问答环节

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**www.opera.com/developer [团队]**

**zibin.tehais.com [个人]**

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**可以在slideshare.net/zibin找到今天的PPT**



# 图片

*love*

<http://www.flickr.com/photos/mar1lyn84/2722712047/sizes/o/>

*spider web*

[http://www.flickr.com/photos/luc\\_viatour/2843025968/sizes/l/in/set-72157614714349217/](http://www.flickr.com/photos/luc_viatour/2843025968/sizes/l/in/set-72157614714349217/)

*now*

<http://www.gottabemobile.com/2010/01/18/ebook-readers-strike-back-at-publishers-trying-to-maximize-profits>

*shadow*

<http://www.flickr.com/photos/jenny-pics/3115479281/sizes/m/>

*transitions transform*

<http://www.flickr.com/photos/28481088@N00/1298930743/>

*borders and background*

<http://www.flickr.com/photos/cheekyneedle/178950842/sizes/o/>

*web fonts*

<http://www.flickr.com/photos/sekimura/4363831481/sizes/o/>

*dinosaur*

<http://www.flickr.com/photos/valerianasolaris/3205069930/sizes/l/>

*clapping photo*

[http://splashclubpenguin.files.wordpress.com/2009/03/101606sly\\_claps.jpg](http://splashclubpenguin.files.wordpress.com/2009/03/101606sly_claps.jpg)

*sun flower*

<http://www.flickr.com/photos/treyevan/429692359/sizes/l/>

*transition*

<http://www.flickr.com/photos/28481088@N00/1290363773/sizes/o/>

*me*

<http://www.douban.com/photos/album/30539339/>

*expo*

<http://www.flickr.com/photos/simonhua/4660243736/sizes/l/in/photostream/>

*color cups*

<http://www.flickr.com/photos/jenny-pics/>

## 图片 2

*vintage car 2*

<http://www.flickr.com/photos/infomatique/3741725042/sizes/l/in/photostream/>  
*gnutell*

<http://www.flickr.com/photos/geishabot/2341580658/sizes/o/in/photostream/>  
*bread loaf*

[http://www.flickr.com/photos/lizard\\_queen/88663944/sizes/o/in/photostream/](http://www.flickr.com/photos/lizard_queen/88663944/sizes/o/in/photostream/)

# Demo & 文章

*background and borders articles*

<http://dev.opera.com/articles/view/css3-border-background-boxshadow/>

*border-radius flower demo*

<http://people.opera.com/zibin/css3flower/flower.html>

*transitions and transform article*

<http://dev.opera.com/articles/view/css3-transitions-and-2d-transforms/>  
*web fonts article*

<http://dev.opera.com/articles/view/seven-web-fonts-showcases/>

*9elements HTML5 demo*

<http://9elements.com/io/projects/html5/canvas/>

*David's photobook demo*

<http://people.opera.com/dstorey/transforms/image-gallery.html>

*Geolocation demo*

[http://people.opera.com/shwetankd/external/demos/demo\\_geo\\_googlemap.htm](http://people.opera.com/shwetankd/external/demos/demo_geo_googlemap.htm)

*newspaper*

[http://people.opera.com/zibin/newspaper/newspaper\\_test.html#image1](http://people.opera.com/zibin/newspaper/newspaper_test.html#image1)

# 其他参考

*introduction to CSS2.1 and CSS3*

<http://www.slideshare.net/marcamos/introduction-to-css-21-and-css-3>