

Converting Colors

YIQ(158.5840, 39.3380, 2.9380)

Have a look what the booklet for
YIQ(158.5840, 39.3380, 2.9380)
contains.

YIQ(158.5840, 39.3380, 2.9380)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(158.5840, 39.3380,
2.9380)**

Conversions

Conversions Part 1

Format	Color
Hex	C69278
RGB	198, 146, 120
RGB Percent	78%, 57%, 47%
CMY	0.2234, 0.4275, 0.5292
CMYK	0.00, 0.26, 0.39, 0.22
HSL	20°, 41%, 62%
HSV	20°, 39%, 78%
XYZ	36.9643, 33.9177, 22.3821
YIQ	158.5840, 39.3380, 2.9380

Conversions

Conversions Part 2

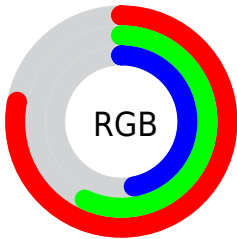
Format	Color
R_{YB}	198, 159, 120
Decimal	13013624
CIE Lab	64.90, 16.27, 21.44
CIE LCh	65, 26.917, 52.809
Yxy	33.9177, 0.3963, 0.3637
Android (android.graphics.Color)	4291203704 (0xFFC69278)
YUV	158.5840, -19.0219, 34.5678
Hunter-Lab	58.2389, 11.3763, 17.9811

Details

The YIQ color **158.5840, 39.3380, 2.9380** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **159.4160, -39.3380, -2.9380**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.2530, 41.7680, 2.9520**, and **106.3170, 35.7160, 2.5000** is the 20% darker color. If you saturate the color by 10%, you get **148.6730, 49.3330, 3.5170**, and if you desaturate by 10%, it is **168.4950, 29.3430, 2.3590**.

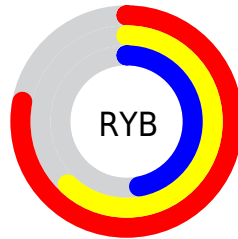
Distribution



Red (78%)

Green (57%)

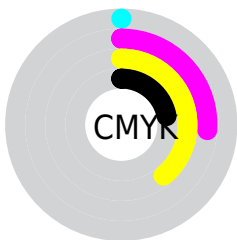
Blue (47%)



Red (78%)

Yellow (62%)

Blue (47%)

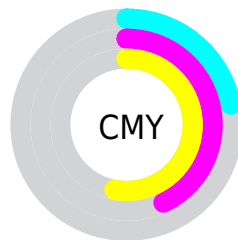


Cyan (0%)

Magenta (26%)

Yellow (39%)

Black (22%)



Cyan (22%)


Magenta (43%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 158.5840, 39.3380, 2.9380 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 158.5840, 39.3380, 2.9380 by changing the saturation by 10% instead.


 158.5840, 39.3380,
2.9380


 158.5840, 39.3380,
2.9380


255.0000, -0.0000,
-0.0000

 132.1000, 37.8250,
2.8250


 213.2530, 41.7680,
2.9520


 106.3170, 35.7160,
2.5000


 232.8810, 25.0800,
-2.9840

 81.6480, 33.2860,
2.4860

 251.9220, 8.6670,
-8.3970

 58.4520, 30.9020,
1.6380

 35.2130, 30.0770,
0.0690

 14.3080, 22.7400,
6.3880

 0.0000, 0.0000,

0.0000

158.5840, 39.3380,
2.9380

158.5840, 39.3380,
2.9380

148.6730, 49.3330,
3.5170

168.4950, 29.3430,
2.3590

138.7620, 59.3280,
4.0960

178.4060, 19.3480,
1.7800

128.3780, 69.2770,
5.5090

188.7900, 9.3990,
0.3670

118.4670, 79.2720,
6.0880

198.7010, -0.5960,
-0.2120

108.5560, 89.2670,
6.6670

208.6120,
-10.5910, -0.7910

98.6450, 99.2620,
7.2460

218.5230,
-20.5860, -1.3700

■ 97.9440, 99.8580,
7.4580

■ 227.9780,
-29.2970, -3.1930

■ 236.1960,
-33.1470, -10.5150

■ 237.9570,
-33.9720, -12.0840

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



160.3210, 39.0610, 13.4690



158.5840, 39.3380, 2.9380



156.7580, 29.6200, -8.1720

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



158.5840, 39.3380, 2.9380



147.2030, -35.0250, -20.5370



158.5860, -15.7290, 15.2390

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



158.5840, 39.3380, 2.9380



159.4160, -39.3380, -2.9380

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



153.1590, -39.7520, 4.5680



158.5840, 39.3380, 2.9380



145.1440, -53.7320, -17.4120

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



158.5840, 39.3380, 2.9380



150.8930, -10.7250, -20.3970



147.4570, -55.7510, -8.3510



161.1500, 9.1660, 21.1180

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



158.5840, 39.3380, 2.9380



154.9090, 18.7090, -14.1790



147.4570, -55.7510, -8.3510



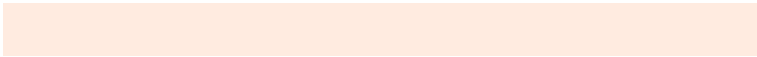
157.2860, -23.7520, 11.9600

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



158.5840, 39.3380, 2.9380



239.7260, 15.4510, 0.8190



149.3640, 29.4750, 33.0190



118.9040, 9.0780, 0.6780



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



158.5840, 39.3380, 2.9380



194.3600, 60.5200, 4.5200



180.8900, 28.8880, -16.9360



94.4520, 4.5390, 0.3390



80.4350, 82.2980, 6.3140



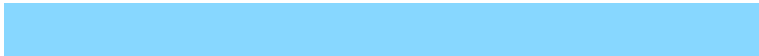
17.8080, 18.1560, 1.3560

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



159.4160, -39.3380, -2.9380



195.6400, -60.5200, -4.5200



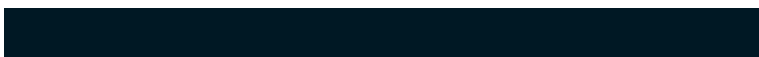
137.1100, -28.8880, 16.9360



94.5480, -4.5390, -0.3390



82.5650, -82.2980, -6.3140



18.1920, -18.1560, -1.3560

Previews

White Background



This preview shows how the YIQ color 158.5840, 39.3380, 2.9380 looks on a white background.

Color Contrast Check

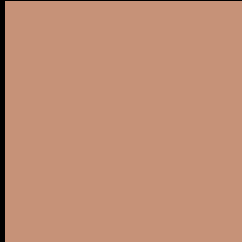
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 158.5840, 39.3380, 2.9380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

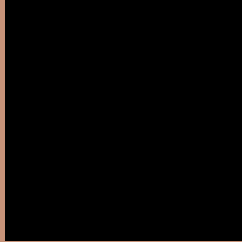
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 158.5840, 39.3380, 2.9380

Background



This preview shows how black text looks on a background with the YIQ color 158.5840, 39.3380, 2.9380.



This preview shows how white text looks on a background with the YIQ color 158.5840, 39.3380,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

158.5840, 39.3380, 2.9380

Protanopia

156.6410, 16.8280, -7.6200

Deuteranopia

157.8170, 31.1320, -2.5320



Tritanopia

160.1940, 32.2290, 16.1410

Trichromacy



Original Color

158.5840, 39.3380, 2.9380

Protanomaly

157.3540, 25.1260, -3.8180

Deuteranomaly

157.8390, 34.0660, -0.6380

Tritanomaly

159.7010, 34.9350, 11.1510

Monochromacy



Original Color

158.5840, 39.3380, 2.9380

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

158.6550, 14.2130, 1.2290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.5840, 39.3380, 2.9380 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(198, 146, 120)` looks like.

```
.text, #text, p{  
    color:rgb(198, 146, 120)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(198, 146, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 146, 120) }
```

Border

The CSS property to change the border of an element to YIQ 158.5840, 39.3380, 2.9380 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 146, 120) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(198, 146, 120) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(198, 146, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 146, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 146, 120);  
box-shadow:4px 4px 4px 4px rgb(198, 146,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 158.5840, 39.3380, 2.9380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 146, 120) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(198,  
146, 120) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor