

Converting Colors

YIQ(156.9800, 38.2830, 5.5390)

Have a look what the booklet for
YIQ(156.9800, 38.2830, 5.5390)
contains.

YIQ(156.9800, 38.2830, 5.5390)	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(156.9800, 38.2830,
5.5390)**

Conversions

Conversions Part 1

Format	Color
Hex	C58F7C
RGB	197, 143, 124
RGB Percent	77%, 56%, 49%
CMY	0.2273, 0.4393, 0.5136
CMYK	0.00, 0.27, 0.37, 0.23
HSL	16°, 39%, 63%
HSV	16°, 37%, 77%
XYZ	36.4936, 32.9687, 23.5231
YIQ	156.9800, 38.2830, 5.5390

Conversions

Conversions Part 2

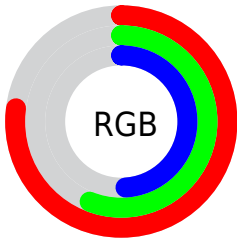
Format	Color
RYB	197, 150, 124
Decimal	12947324
CIELab	64.14, 18.00, 18.16
CIELCh	64, 25.565, 45.254
Yxy	32.9687, 0.3925, 0.3546
Android (android.graphics.Color)	4291137404 (0xFFC58F7C)
YUV	156.9800, -16.2591, 35.0975
Hunter-Lab	57.4184, 12.9675, 15.9031

Details

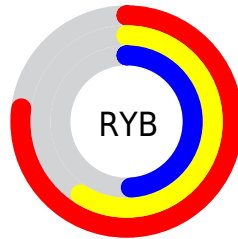
The YIQ color **156.9800, 38.2830, 5.5390** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **164.0200, -38.2830, -5.5390**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **212.0620, 40.9880, 6.0760**, and **104.7130, 34.6610, 5.1010** is the 20% darker color. If you saturate the color by 10%, you get **145.8950, 48.8280, 7.1640**, and if you desaturate by 10%, it is **168.0650, 27.7380, 3.9140**.

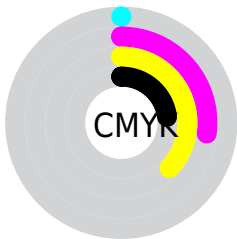
Distribution



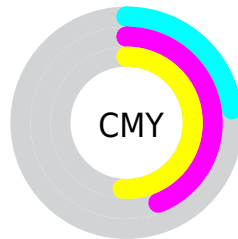
- Red (77%)
- Green (56%)
- Blue (49%)



- Red (77%)
- Yellow (59%)
- Blue (49%)



- Cyan (0%)
- Magenta (27%)
- Yellow (37%)
- Black (23%)




- Cyan (23%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 156.9800, 38.2830, 5.5390 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 156.9800, 38.2830, 5.5390 by changing the saturation by 10% instead.


 156.9800, 38.2830,
5.5390

 156.9800, 38.2830,
5.5390


255.0000, -0.0000,
-0.0000


 130.4960, 36.7700,
5.4260


 212.0620, 40.9880,
6.0760


 104.7130, 34.6610,
5.1010


 231.5760, 24.6210,
-0.1710

 80.8160, 32.8730,
4.4650

 251.7910, 7.6580,
-6.6300

 57.1470, 30.4430,
4.4510

 34.1360, 28.9760,
3.5040

 11.9600, 23.8400,
8.4800

 0.0000, 0.0000,

0.0000

■ 156.9800, 38.2830,
5.5390

■ 156.9800, 38.2830,
5.5390

■ 145.8950, 48.8280,
7.1640

■ 168.0650, 27.7380,
3.9140

■ 135.5110, 58.7770,
8.5770

■ 178.4490, 17.7890,
2.5010

■ 124.4260, 69.3220,
10.2020

■ 189.5340, 7.2440,
0.8760

■ 113.9280, 79.5920,
11.3040

■ 200.0320, -3.0260,
-0.2260

■ 102.9570, 89.8160,
13.2400

■ 211.1170,
-13.5710, -1.8510

■ 91.8720, 100.3610,
14.8650

■ 222.0880,
-23.7950, -3.7870

■ 88.8400, 103.3870,
15.0910

■ 231.7880,
-31.8180, -7.0660

■ 237.6580,
-34.5680, -12.2960

Harmonies

Analogous

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



158.4070, 35.9430, 14.9110



156.9800, 38.2830, 5.5390



155.2360, 31.2700, -5.0340

Triad

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



156.9800, 38.2830, 5.5390



146.6230, -27.4600, -19.9720



155.8410, -21.0010, 11.6630

Complementary

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



156.9800, 38.2830, 5.5390



164.0200, -38.2830, -5.5390

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.



150.3820, -41.9980, 1.2180



156.9800, 38.2830, 5.5390



144.2650, -46.7630, -17.0590

Square

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



156.9800, 38.2830, 5.5390



150.3560, -4.7190, -19.1110



145.3710, -52.6330, -9.7930



158.8610, 2.6100, 18.7860

Rectangle

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



156.9800, 38.2830, 5.5390



153.7570, 22.1930, -11.2390



145.3710, -52.6330, -9.7930



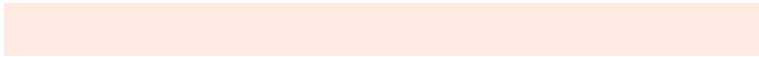
153.8400, -28.4280, 8.5960

Sweetspot

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



156.9800, 38.2830, 5.5390



239.4810, 14.7630, 2.2750



152.0970, 25.8530, 32.5810



118.4310, 9.0320, 1.5120



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.



156.9800, 38.2830, 5.5390



193.5110, 58.7770, 8.5770



178.1120, 28.3830, -13.2890



93.8650, 4.8140, 0.8620



73.3910, 85.5980, 12.5900



16.0470, 18.9810, 2.9250

Inverse Universe

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



164.0200, -38.2830, -5.5390



204.4890, -58.7770, -8.5770



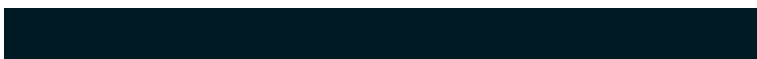
142.8880, -28.3830, 13.2890



95.1350, -4.8140, -0.8620



89.6090, -85.5980, -12.5900



19.3660, -18.7060, -2.4020

Previews

White Background



This preview shows how the YIQ color 156.9800, 38.2830, 5.5390 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 156.9800, 38.2830, 5.5390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

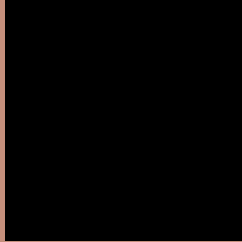
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 156.9800, 38.2830, 5.5390

Background



This preview shows how black text looks on a background with the YIQ color 156.9800, 38.2830, 5.5390.



This preview shows how white text looks on a background with the YIQ color 156.9800, 38.2830,

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

156.9800, 38.2830, 5.5390

Protanopia

154.8410, 13.3890, -5.8670

Deuteranopia

156.4900, 27.7390, -1.6130



Tritanopia

158.4930, 32.8250, 16.3530

Trichromacy



Original Color

156.9800, 38.2830, 5.5390

Protanomaly

155.8530, 22.2830, -1.8530

Deuteranomaly

156.2240, 31.5440, 1.0160

Tritanomaly

157.7550, 34.8430, 12.8190

Monochromacy



Original Color

156.9800, 38.2830, 5.5390

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

157.1820, 14.1670, 2.0630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.9800, 38.2830, 5.5390 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(197, 143, 124)` looks like.

```
.text, #text, p{  
    color:rgb(197, 143, 124)  
}
```

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(197, 143, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 143, 124) }
```

Border

The CSS property to change the border of an element to YIQ 156.9800, 38.2830, 5.5390 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(197, 143, 124) }
```


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

```
.border{ border-color:rgb(197, 143, 124) }
```

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

Here you see how a box with a 4 pixel rgb(197, 143, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 143, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 143, 124);  
box-shadow:4px 4px 4px 4px rgb(197, 143,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 156.9800, 38.2830, 5.5390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 143, 124) }
```

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

```
.background{ background-color: rgb(197,  
143, 124) }
```

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