

Converting Colors

YIQ(133.5890, 58.1370, -1.8550)

Have a look what the booklet for
YIQ(133.5890, 58.1370, -1.8550)
contains.

YIQ(133.5890, 58.1370, -1.8550)	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(133.5890, 58.1370,
-1.8550)**

Conversions

Conversions Part 1

Format	Color
Hex	BC7742
RGB	188, 119, 66
RGB Percent	74%, 47%, 26%
CMY	0.2626, 0.5334, 0.7409
CMYK	0.00, 0.37, 0.65, 0.26
HSL	26°, 48%, 50%
HSV	26°, 65%, 74%
XYZ	28.3261, 24.2765, 8.3579
YIQ	133.5890, 58.1370, -1.8550

Conversions

Conversions Part 2

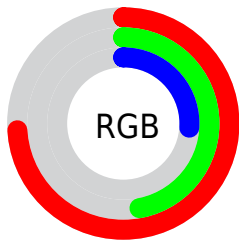
Format	Color
R _Y B	188, 160, 66
Decimal	12351298
CIE Lab	56.36, 22.07, 39.77
CIE LCh	56, 45.479, 60.974
Yxy	24.2765, 0.4647, 0.3982
Android (android.graphics.Color)	4290541378 (0xFFBC7742)
YUV	133.5890, -33.3214, 47.7184
Hunter-Lab	49.2712, 16.3953, 24.4325

Details

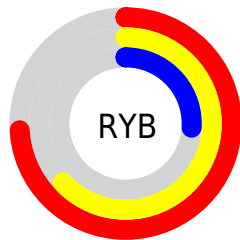
The YIQ color **133.5890, 58.1370, -1.8550** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **120.4110, -58.1370, 1.8550**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.3400, 63.2720, -1.3040**, and **82.0120, 52.4520, -3.4520** is the 20% darker color. If you saturate the color by 10%, you get **124.9660, 67.2610, -2.0110**, and if you desaturate by 10%, it is **142.2120, 49.0130, -1.6990**.

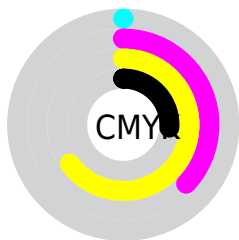
Distribution



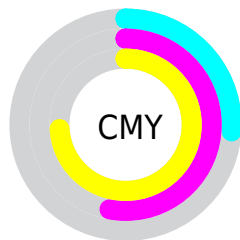
- Red (74%)
- Green (47%)
- Blue (26%)



- Red (74%)
- Yellow (63%)
- Blue (26%)



- Cyan (0%)
- Magenta (37%)
- Yellow (65%)
- Black (26%)



- Cyan (26%)
- Magenta (53%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.5890, 58.1370, -1.8550 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 133.5890, 58.1370, -1.8550 by changing the saturation by 10% instead.

■ 133.5890, 58.1370,
-1.8550

■ 133.5890, 58.1370,
-1.8550

255.0000, -0.0000,
-0.0000

■ 107.5070, 55.4320,
-2.3920

■ 188.3400, 63.2720,
-1.3040

■ 82.0120, 52.4520,
-3.4520

■ 209.2460, 51.6730,
-5.8550

■ 58.3860, 48.4630,
-2.7450

■ 228.7600, 35.3060,
-12.1020

■ 37.1000, 37.8250,
2.8250

■ 248.2740, 18.9390,
-18.3490

■ 16.4120, 28.3790,
8.8190

■ 251.4660, 9.9510,
-9.6410

■ 4.7840, 9.5360,
3.3920

254.7720, 0.6420,

■ 0.0000, 0.0000,

-0.6220

0.0000

■ 133.5890, 58.1370,
-1.8550

■ 133.5890, 58.1370,
-1.8550

■ 124.9660, 67.2610,
-2.0110

■ 142.2120, 49.0130,
-1.6990

■ 116.9300, 76.1100,
-2.6900

■ 150.2480, 40.1640,
-1.0200

■ 108.4210, 84.9130,
-2.5350

■ 158.7570, 31.3610,
-1.1750

■ 104.3460, 89.4980,
-3.0300

■ 167.3800, 22.2370,
-1.0190

■ 175.4160, 13.3880,
-0.3400

■ 184.0390, 4.2640,
-0.1840

■ 192.6620, -4.8600,
-0.0280

■ 200.5840,
-13.3880, 0.3400

■ 209.2070,
-22.5120, 0.4960

Harmonies

Analogous

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



135.1730, 63.0850, 18.6130



133.5890, 58.1370, -1.8550



130.9420, 40.3050, -20.1030

Triad

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



133.5890, 58.1370, -1.8550



106.3750, -85.9600, -39.0800



137.4910, -16.4190, 27.7490

Complementary

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



133.5890, 58.1370, -1.8550



120.4110, -58.1370, 1.8550

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.



123.9290, -71.1590, 6.5770



133.5890, 58.1370, -1.8550



110.3480, -98.5250, -26.1170

Square

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



133.5890, 58.1370, -1.8550



118.8910, -34.7470, -36.5950



110.7190, -106.4590, -14.4830



139.1340, 24.4310, 36.3270

Rectangle

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



133.5890, 58.1370, -1.8550



128.5480, 20.6830, -27.9330



110.7190, -106.4590, -14.4830



134.8310, -32.2360, 22.5480

Sweetspot

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



133.5890, 58.1370, -1.8550



223.7930, 22.5120, -0.4960



110.3440, 50.5630, 47.3230



109.4160, 13.3880, -0.3400



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



133.5890, 58.1370, -1.8550



159.8300, 91.0110, -2.9170



169.3960, 41.3620, -33.7580



90.0390, 4.2640, -0.1840



87.7450, 75.1930, -2.5910



16.9000, 14.9010, -0.2270

Inverse Universe

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



120.4110, -58.1370, 1.8550



139.1700, -91.0110, 2.9170



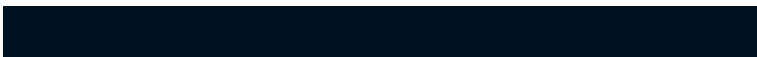
84.6040, -41.3620, 33.7580



88.9610, -4.2640, 0.1840



70.8420, -75.4680, 2.0680



13.5130, -14.6260, 0.7500

Previews

White Background



This preview shows how the YIQ color 133.5890, 58.1370, -1.8550 looks on a white background.

Color Contrast Check

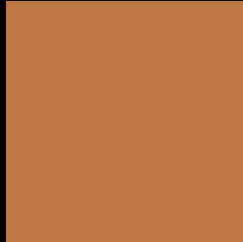
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.5890, 58.1370, -1.8550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

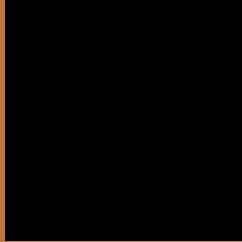
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.5890, 58.1370, -1.8550

Background



This preview shows how black text looks on a background with the YIQ color 133.5890, 58.1370, -1.8550.



This preview shows how white text looks on a background with the YIQ color 133.5890, 58.1370,

-1.8550.

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

133.5890, 58.1370, -1.8550

Protanopia

132.5910, 28.2920, -17.1480

Deuteranopia

132.9520, 43.5130, -12.1590



Tritanopia

137.5330, 44.5160, 19.2360

Trichromacy



Original Color

133.5890, 58.1370, -1.8550

Protanomaly

133.0270, 38.9280, -11.6640

Deuteranomaly

133.1100, 49.0600, -8.0600

Tritanomaly

136.1280, 49.7900, 11.7580

Monochromacy



Original Color

133.5890, 58.1370, -1.8550

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

134.1950, 21.3200, -0.9200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.5890, 58.1370, -1.8550 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(188, 119, 66)` looks like.

```
.text, #text, p{  
    color:rgb(188, 119, 66)  
}
```

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(188, 119, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 119, 66) }
```

Border

The CSS property to change the border of an element to YIQ 133.5890, 58.1370, -1.8550 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(188, 119, 66) }
```


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

```
.border{ border-color:rgb(188, 119, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 119, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 119, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 119, 66);  
box-shadow:4px 4px 4px 4px rgb(188, 119,  
66) }
```

Background

The CSS property to change the background color of an element to YIQ 133.5890, 58.1370, -1.8550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 119, 66) }
```

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

```
.background{ background-color: rgb(188,  
119, 66) }
```

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](#).

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