

Converting Colors

YIQ(135.8060, 38.8330, 6.5850)

Have a look what the booklet for
YIQ(135.8060, 38.8330, 6.5850)
contains.

YIQ(135.8060, 38.8330, 6.5850)	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(135.8060, 38.8330,
6.5850)**

Conversions

Conversions Part 1

Format	Color
Hex	B17968
RGB	177, 121, 104
RGB Percent	69%, 47%, 41%
CMY	0.3058, 0.5256, 0.5920
CMYK	0.00, 0.32, 0.41, 0.31
HSL	14°, 32%, 55%
HSV	14°, 41%, 69%
XYZ	27.4740, 24.0201, 16.2964
YIQ	135.8060, 38.8330, 6.5850

Conversions

Conversions Part 2

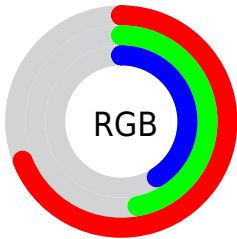
Format	Color
R_{YB}	177, 126, 104
Decimal	11630952
CIE _{Lab}	56.11, 19.79, 18.14
CIE _{LCh}	56, 26.840, 42.510
Yxy	24.0201, 0.4053, 0.3543
Android (android.graphics.Color)	4289821032 (0xFFB17968)
YUV	135.8060, -15.6804, 36.1271
Hunter-Lab	49.0103, 14.2945, 14.5928

Details

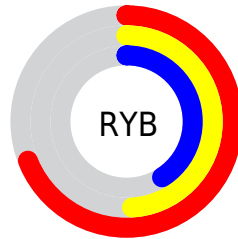
The YIQ color **135.8060, 38.8330, 6.5850** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **145.1940, -38.8330, -6.5850**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **189.7740, 41.8590, 6.8110**, and **85.2400, 34.6150, 5.9350** is the 20% darker color. If you saturate the color by 10%, you get **125.5360, 48.4610, 8.3090**, and if you desaturate by 10%, it is **146.0760, 29.2050, 4.8610**.

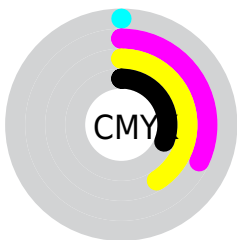
Distribution



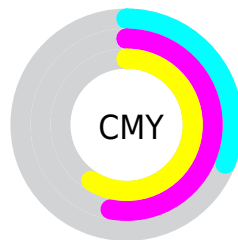
- Red (69%)
- Green (47%)
- Blue (41%)



- Red (69%)
- Yellow (49%)
- Blue (41%)



- Cyan (0%)
- Magenta (32%)
- Yellow (41%)
- Black (31%)




- Cyan (31%)
- Magenta (53%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 135.8060, 38.8330, 6.5850 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 135.8060, 38.8330, 6.5850 by changing the saturation by 10% instead.


 135.8060, 38.8330,
6.5850


 135.8060, 38.8330,
6.5850


255.0000, -0.0000,
-0.0000


 110.0230, 36.7240,
6.2600


 189.7740, 41.8590,
6.8110


 85.2400, 34.6150,
5.9350


 214.9800, 38.2830,
5.5390


 61.4570, 32.5060,
5.6100

 234.6080, 21.5950,
-0.3970

 38.3750, 29.8010,
5.0730

 253.0620, 5.4570,
-5.2870

 16.6890, 26.0410,
7.1370

 2.3920, 4.7680,
1.6960

 0.0000, 0.0000,

0.0000

■ 135.8060, 38.8330,
6.5850

■ 135.8060, 38.8330,
6.5850

■ 125.5360, 48.4610,
8.3090

■ 146.0760, 29.2050,
4.8610

■ 115.9670, 57.4930,
9.8210

■ 155.6450, 20.1730,
3.3490

■ 105.6970, 67.1210,
11.5450

■ 165.9150, 10.5450,
1.6250

■ 96.0140, 76.4740,
12.7460

■ 175.5980, 1.1920,
0.4240

■ 85.8580, 85.7810,
14.7810

■ 185.8680, -8.4360,
-1.3000

■ 76.9900, 94.2170,
16.0810

■ 196.0240,
-17.7430, -3.3350

■ 205.7070,
-27.0960, -4.5360

■ 215.9770,
-36.7240, -6.2600

■ 224.6340,
-43.1880, -10.2600

Harmonies

Analogous

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



137.0480, 35.5760, 16.0560



135.8060, 38.8330, 6.5850



134.1330, 33.0580, -4.3980

Triad

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



135.8060, 38.8330, 6.5850



125.3950, -26.8180, -20.5940



133.8730, -24.0270, 11.4370

Complementary

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



135.8060, 38.8330, 6.5850



145.1940, -38.8330, -6.5850

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.



127.8760, -46.4450, -0.7890



135.8060, 38.8330, 6.5850



121.5420, -49.1010, -18.7410

Square

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



135.8060, 38.8330, 6.5850



129.0250, -2.2890, -19.0970



121.8540, -58.5470, -12.7470



137.4910, 0.7760, 18.9840

Rectangle

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



135.8060, 38.8330, 6.5850



133.2410, 23.7060, -11.1260



121.8540, -58.5470, -12.7470



132.1600, -32.3250, 7.6350

Sweetspot

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



135.8060, 38.8330, 6.5850



213.8940, 15.0380, 2.7980



132.3250, 25.2110, 33.2030



105.5450, 8.7110, 1.8230



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



135.8060, 38.8330, 6.5850



166.0490, 60.1980, 10.3580



156.3510, 29.2080, -11.7200



83.8650, 4.8140, 0.8620



66.8790, 81.2880, 13.6080



11.2960, 13.8460, 2.3740

Inverse Universe

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



145.1940, -38.8330, -6.5850



180.3640, -59.9230, -9.8350



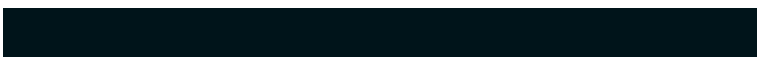
124.6490, -29.2080, 11.7200



85.1350, -4.8140, -0.8620



86.1210, -81.2880, -13.6080



14.7040, -13.8460, -2.3740

Previews

White Background



This preview shows how the YIQ color 135.8060, 38.8330, 6.5850 looks on a white background.

Color Contrast Check

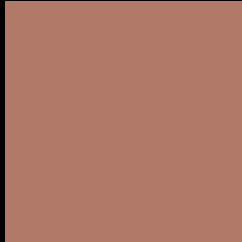
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.8060, 38.8330, 6.5850 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 135.8060, 38.8330, 6.5850

Background



This preview shows how black text looks on a background with the YIQ color 135.8060, 38.8330, 6.5850.



This preview shows how white text looks on a background with the YIQ color 135.8060, 38.8330,

6.5850.

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

135.8060, 38.8330, 6.5850

Protanopia

134.5420, 12.7930, -6.0790

Deuteranopia

134.8920, 26.5470, -2.0370



Tritanopia

137.2650, 33.4670, 15.7310

Trichromacy



Original Color

135.8060, 38.8330, 6.5850

Protanomaly

134.9670, 21.9620, -1.5420

Deuteranomaly

135.3380, 31.2230, 1.3270

Tritanomaly

136.6410, 35.1640, 12.5080

Monochromacy



Original Color

135.8060, 38.8330, 6.5850

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.1820, 14.1670, 2.0630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.8060, 38.8330, 6.5850 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(177, 121, 104)` looks like.

```
.text, #text, p{  
    color:rgb(177, 121, 104)  
}
```

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(177, 121, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 121, 104) }
```

Border

The CSS property to change the border of an element to YIQ 135.8060, 38.8330, 6.5850 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(177, 121, 104) }
```


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

```
.border{ border-color:rgb(177, 121, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 121, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 121, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 121, 104);  
box-shadow:4px 4px 4px 4px rgb(177, 121,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 135.8060, 38.8330, 6.5850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 121, 104) }
```

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

```
.background{ background-color: rgb(177,  
121, 104) }
```

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