

Converting Colors

YIQ(152.8780, 38.3300, -0.8220)

Have a look what the booklet for
YIQ(152.8780, 38.3300, -0.8220)
contains.

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Color

**YIQ(152.8780, 38.3300,
-0.8220)**

Conversions

Conversions Part 1

Format	Color
Hex	BD8F6D
RGB	189, 143, 109
RGB Percent	74%, 56%, 43%
CMY	0.2587, 0.4393, 0.5724
CMYK	0.00, 0.24, 0.42, 0.26
HSL	25°, 38%, 58%
HSV	25°, 42%, 74%
XYZ	33.5742, 31.5659, 18.8041
YIQ	152.8780, 38.3300, -0.8220

Conversions

Conversions Part 2

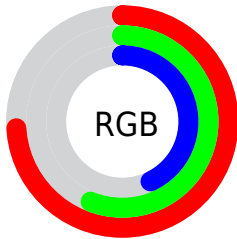
Format	Color
R_{YB}	189, 168, 109
Decimal	12423021
CIE _{Lab}	62.98, 13.01, 24.80
CIE _{LCh}	63, 28.004, 62.325
Yxy	31.5659, 0.4000, 0.3760
Android (android.graphics.Color)	4290613101 (0xFFBD8F6D)
YUV	152.8780, -21.6319, 31.6790
Hunter-Lab	56.1835, 8.3469, 19.4846

Details

The YIQ color **152.8780, 38.3300, -0.8220** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **145.1220, -38.3300, 0.8220**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **207.8460, 41.3560, -0.5960**, and **101.6110, 34.7080, -1.2600** is the 20% darker color. If you saturate the color by 10%, you get **144.2550, 47.4540, -0.9780**, and if you desaturate by 10%, it is **161.5010, 29.2060, -0.6660**.

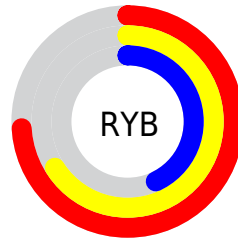
Distribution



Red (74%)

Green (56%)

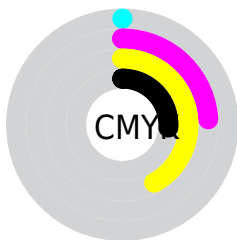
Blue (43%)



Red (74%)

Yellow (66%)

Blue (43%)

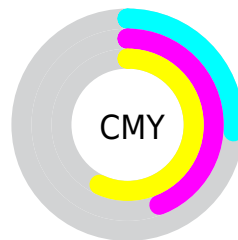


Cyan (0%)

Magenta (24%)

Yellow (42%)

Black (26%)



Cyan (26%)


Magenta (44%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 152.8780, 38.3300, -0.8220 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 152.8780, 38.3300, -0.8220 by changing the saturation by 10% instead.


 152.8780, 38.3300,
-0.8220


 152.8780, 38.3300,
-0.8220


255.0000, -0.0000,
-0.0000


 126.5080, 36.4960,
-0.6240


 207.8460, 41.3560,
-0.5960


 101.6110, 34.7080,
-1.2600


 229.7520, 29.7570,
-5.1470


 76.9420, 32.2780,
-1.2740

 249.3800, 13.0690,
-11.0830

 53.7460, 29.8940,
-2.1220

 253.7460, 3.5310,
-3.4210

 31.7180, 27.0970,
-0.9910

 9.8670, 19.6680,
6.9960

 0.0000, 0.0000,

0.0000

■ 152.8780, 38.3300,
-0.8220

■ 152.8780, 38.3300,
-0.8220

■ 144.2550, 47.4540,
-0.9780

■ 161.5010, 29.2060,
-0.6660

■ 135.6320, 56.5780,
-1.1340

■ 170.1240, 20.0820,
-0.5100

■ 127.0090, 65.7020,
-1.2900

■ 178.7470, 10.9580,
-0.3540

■ 118.3860, 74.8260,
-1.4460

■ 187.3700, 1.8340,
-0.1980

■ 110.4640, 83.3540,
-1.8140

■ 195.4060, -7.0150,
0.4810

■ 103.4710, 90.6440,
-1.7720

■ 203.9150,
-15.8180, 0.3260

■ 212.5380,
-24.9420, 0.4820

■ 220.5910,
-32.4610, -0.9170

■ 227.0480,
-35.4860, -6.6700

Harmonies

Analogous

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



154.4090, 41.6290, 10.9810



152.8780, 38.3300, -0.8220



150.6110, 25.5400, -11.3240

Triad

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



152.8780, 38.3300, -0.8220



140.4130, -44.4240, -20.9040



154.4730, -7.9810, 17.9950

Complementary

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



152.8780, 38.3300, -0.8220



145.1220, -38.3300, 0.8220

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.



150.2030, -33.8840, 8.3560



152.8780, 38.3300, -0.8220



138.3760, -60.1970, -15.8850

Square

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



152.8780, 38.3300, -0.8220



144.4620, -19.7570, -21.9090



143.1630, -54.7430, -4.5910



156.0970, 16.6850, 22.5170

Rectangle

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



152.8780, 38.3300, -0.8220



149.3920, 12.7950, -17.1330



143.1630, -54.7430, -4.5910



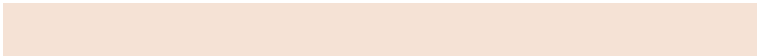
153.4010, -16.6460, 15.3380

Sweetspot

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



152.8780, 38.3300, -0.8220



230.1990, 15.4970, -0.0150



138.2780, 32.5930, 31.5770



113.3770, 9.1240, -0.1560



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.



152.8780, 38.3300, -0.8220



188.4860, 59.9250, -1.2190



175.7710, 27.6050, -21.2190



90.0390, 4.2640, -0.1840



86.5710, 75.7430, -1.5450



16.9000, 14.9010, -0.2270

Inverse Universe

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



145.1220, -38.3300, 0.8220



176.5140, -59.9250, 1.2190



122.2290, -27.6050, 21.2190



88.9610, -4.2640, 0.1840



71.4290, -75.7430, 1.5450



14.1000, -14.9010, 0.2270

Previews

White Background



This preview shows how the YIQ color 152.8780, 38.3300, -0.8220 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 152.8780, 38.3300, -0.8220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

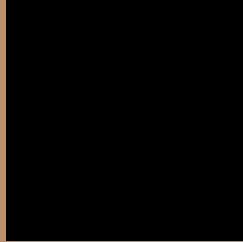
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 152.8780, 38.3300, -0.8220

Background



This preview shows how black text looks on a background with the YIQ color 152.8780, 38.3300, -0.8220.



This preview shows how white text looks on a background with the YIQ color 152.8780, 38.3300,

-0.8220.

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

152.8780, 38.3300, -0.8220

Protanopia

151.7290, 19.3960, -10.1080

Deuteranopia

152.4320, 33.6540, -4.1860



Tritanopia

155.5850, 29.5700, 14.7700

Trichromacy



Original Color

152.8780, 38.3300, -0.8220

Protanomaly

151.9580, 26.1810, -6.4190

Deuteranomaly

152.7420, 35.7170, -3.0270

Tritanomaly

154.8640, 32.9180, 9.1580

Monochromacy



Original Color

152.8780, 38.3300, -0.8220

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

152.7150, 13.9840, -0.1280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.8780, 38.3300, -0.8220 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(189, 143, 109)` looks like.

```
.text, #text, p{  
    color:rgb(189, 143, 109)  
}
```

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(189, 143, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 143, 109) }
```

Border

The CSS property to change the border of an element to YIQ 152.8780, 38.3300, -0.8220 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(189, 143, 109) }
```


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

```
.border{ border-color:rgb(189, 143, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 143, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 143, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 143, 109);  
box-shadow:4px 4px 4px 4px rgb(189, 143,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 152.8780, 38.3300, -0.8220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 143, 109) }
```

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

```
.background{ background-color: rgb(189,  
143, 109) }
```

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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