

Converting Colors

YIQ(156.8480, 29.8470, 4.2390)

Have a look what the booklet for
YIQ(156.8480, 29.8470, 4.2390)
contains.

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Color

**YIQ(156.8480, 29.8470,
4.2390)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9283
RGB	188, 146, 131
RGB Percent	74%, 57%, 51%
CMY	0.2627, 0.4275, 0.4861
CMYK	0.00, 0.22, 0.30, 0.26
HSL	16°, 30%, 63%
HSV	16°, 30%, 74%
XYZ	35.1199, 32.8862, 25.9812
YIQ	156.8480, 29.8470, 4.2390

Conversions

Conversions Part 2

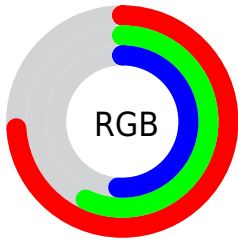
Format	Color
RYB	188, 151, 131
Decimal	12358275
CIELab	64.07, 13.67, 14.00
CIELCh	64, 19.565, 45.688
Yxy	32.8862, 0.3737, 0.3499
Android (android.graphics.Color)	4290548355 (0xFFBC9283)
YUV	156.8480, -12.7431, 27.3203
Hunter-Lab	57.3465, 8.9598, 13.2809

Details

The YIQ color **156.8480, 29.8470, 4.2390** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **162.1520, -29.8470, -4.2390**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **211.6310, 31.9560, 4.5640**, and **105.1790, 27.4170, 4.2250** is the 20% darker color. If you saturate the color by 10%, you get **146.4640, 39.7960, 5.6520**, and if you desaturate by 10%, it is **167.2320, 19.8980, 2.8260**.

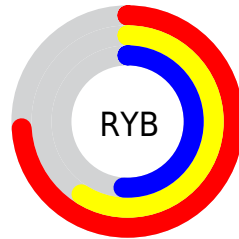
Distribution



Red (74%)

Green (57%)

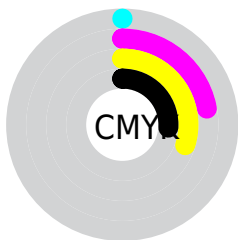
Blue (51%)



Red (74%)

Yellow (59%)

Blue (51%)

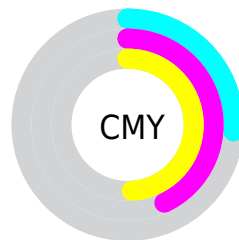


Cyan (0%)

Magenta (22%)

Yellow (30%)

Black (26%)



Cyan (26%)


Magenta (43%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 156.8480, 29.8470, 4.2390 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 156.8480, 29.8470, 4.2390 by changing the saturation by 10% instead.


 156.8480, 29.8470,
4.2390


 156.8480, 29.8470,
4.2390


255.0000, -0.0000,
-0.0000


 130.3640, 28.3340,
4.1260


 211.6310, 31.9560,
4.5640


 105.1790, 27.4170,
4.2250


 234.2490, 21.2280,
0.7480

 81.2820, 25.6290,
3.5890

 253.2900, 4.8150,
-4.6650

 57.4990, 23.5200,
3.2640

 35.6020, 21.7320,
2.6280

 13.1120, 20.3560,
5.5400

 0.0000, 0.0000,

0.0000

■ 156.8480, 29.8470,
4.2390

■ 156.8480, 29.8470,
4.2390

■ 146.4640, 39.7960,
5.6520

■ 167.2320, 19.8980,
2.8260

■ 136.0800, 49.7450,
7.0650

■ 177.6160, 9.9490,
1.4130

■ 125.8100, 59.3730,
8.7890

■ 187.8860, 0.3210,
-0.3110

■ 116.0130, 69.0470,
9.6790

■ 197.6830, -9.3530,
-1.2010

■ 105.6290, 78.9960,
11.0920

■ 208.0670,
-19.3020, -2.6140

■ 95.2450, 88.9450,
12.5050

■ 218.4510,
-29.2510, -4.0270

■ 84.9750, 98.5730,
14.2290

■ 227.9230,
-36.6320, -7.9280

■ 234.9670,
-39.9320, -14.2040

Harmonies

Analogous

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



157.8080, 27.3240, 11.4200



156.8480, 29.8470, 4.2390



155.1690, 24.2090, -3.7190

Triad

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



156.8480, 29.8470, 4.2390



149.3790, -20.7210, -15.4490



155.8970, -15.4070, 9.4010

Complementary

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



156.8480, 29.8470, 4.2390



162.1520, -29.8470, -4.2390

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.



151.9550, -30.4900, 1.9100



156.8480, 29.8470, 4.2390



147.8430, -33.6510, -12.3950

Square

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



156.8480, 29.8470, 4.2390



151.5890, -3.7570, -14.5170



148.7920, -37.6410, -6.1610



157.9270, 2.2440, 14.4040

Rectangle

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



156.8480, 29.8470, 4.2390



154.1140, 16.8740, -8.4540



148.7920, -37.6410, -6.1610



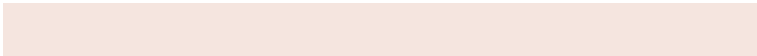
154.7930, -21.0460, 6.9700

Sweetspot

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



156.8480, 29.8470, 4.2390



233.1000, 11.4620, 1.5260



152.9450, 20.1690, 25.4570



114.6480, 6.9230, 1.1870



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.



156.8480, 29.8470, 4.2390



196.8130, 46.1230, 6.6270



173.2840, 22.1470, -10.4050



88.8650, 4.8140, 0.8620



71.3090, 82.8930, 12.0530



13.9650, 16.2760, 2.3880

Inverse Universe

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



162.1520, -29.8470, -4.2390



205.1870, -46.1230, -6.6270



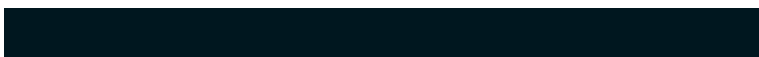
145.7160, -22.1470, 10.4050



90.1350, -4.8140, -0.8620



86.6910, -82.8930, -12.0530



17.0350, -16.2760, -2.3880

Previews

White Background



This preview shows how the YIQ color 156.8480, 29.8470, 4.2390 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 156.8480, 29.8470, 4.2390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

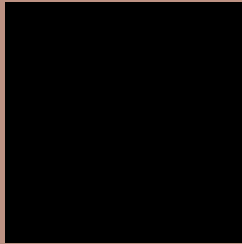
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 156.8480, 29.8470, 4.2390

Background



This preview shows how black text looks on a background with the YIQ color 156.8480, 29.8470, 4.2390.



This preview shows how white text looks on a background with the YIQ color 156.8480, 29.8470,

4.2390.

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

156.8480, 29.8470, 4.2390

Protanopia

155.2260, 10.8670, -4.2130

Deuteranopia

156.3910, 23.7040, -0.0720



Tritanopia

158.3070, 24.4810, 13.3850

Trichromacy



Original Color

156.8480, 29.8470, 4.2390

Protanomaly

155.9280, 17.6980, -1.3580

Deuteranomaly

156.7010, 25.7670, 1.0870

Tritanomaly

157.6830, 26.1780, 10.1620

Monochromacy



Original Color

156.8480, 29.8470, 4.2390

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

156.9150, 10.5450, 1.6250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.8480, 29.8470, 4.2390 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, 146, 131)` looks like.

```
.text, #text, p{  
    color:rgb(188, 146, 131)  
}
```

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, 146, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 146, 131) }
```

Border

The CSS property to change the border of an element to YIQ 156.8480, 29.8470, 4.2390 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, 146, 131) }
```


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

```
.border{ border-color:rgb(188, 146, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 146, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 146, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 146, 131);  
box-shadow:4px 4px 4px 4px rgb(188, 146,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 156.8480, 29.8470, 4.2390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 146, 131) }
```

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

```
.background{ background-color: rgb(188,  
146, 131) }
```

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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