

Converting Colors

YIQ(158.8370, 28.3800, 3.2920)

Have a look what the booklet for
YIQ(158.8370, 28.3800, 3.2920)
contains.

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Color

**YIQ(158.8370, 28.3800,
3.2920)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9585
RGB	188, 149, 133
RGB Percent	74%, 58%, 52%
CMY	0.2627, 0.4157, 0.4783
CMYK	0.00, 0.21, 0.29, 0.26
HSL	17°, 29%, 63%
HSV	17°, 29%, 74%
XYZ	35.7249, 33.8781, 26.8581
YIQ	158.8370, 28.3800, 3.2920

Conversions

Conversions Part 2

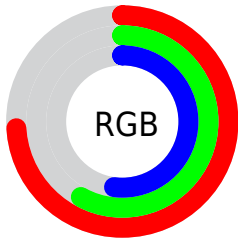
Format	Color
R_{YB}	188, 156, 133
Decimal	12359045
CIE Lab	64.87, 12.28, 13.99
CIE LCh	65, 18.618, 48.730
Yxy	33.8781, 0.3704, 0.3512
Android (android.graphics.Color)	4290549125 (0xFFBC9585)
YUV	158.8370, -12.7376, 25.5760
Hunter-Lab	58.2049, 7.7010, 13.3846

Details

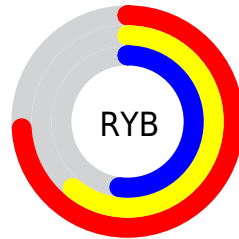
The YIQ color **158.8370, 28.3800, 3.2920** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **162.1630, -28.3800, -3.2920**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.6200, 30.4890, 3.6170**, and **107.0540, 26.2710, 2.9670** is the 20% darker color. If you saturate the color by 10%, you get **149.0400, 38.0540, 4.1820**, and if you desaturate by 10%, it is **168.6340, 18.7060, 2.4020**.

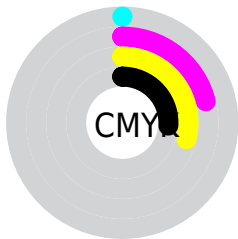
Distribution



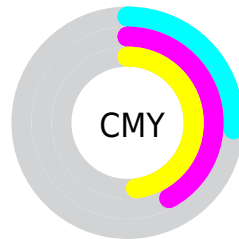
- Red (74%)
- Green (58%)
- Blue (52%)



- Red (74%)
- Yellow (61%)
- Blue (52%)



- Cyan (0%)
- Magenta (21%)
- Yellow (29%)
- Black (26%)





- Cyan (26%)
- Magenta (42%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 158.8370, 28.3800, 3.2920 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 158.8370, 28.3800, 3.2920 by changing the saturation by 10% instead.


 158.8370, 28.3800,
3.2920


 158.8370, 28.3800,
3.2920


255.0000, -0.0000,
-0.0000


 132.6520, 27.4630,
3.3910


 213.6200, 30.4890,
3.6170


 107.0540, 26.2710,
2.9670


 236.2380, 19.7610,
-0.1990

 82.5700, 24.7580,
2.8540

 253.5180, 4.1730,
-4.0430

 59.3740, 22.3740,
2.0060

 37.0040, 20.5400,
2.2040

 14.8730, 19.5310,
3.9710

 0.0000, 0.0000,

0.0000

158.8370, 28.3800,
3.2920

158.8370, 28.3800,
3.2920

149.0400, 38.0540,
4.1820

168.6340, 18.7060,
2.4020

138.6560, 48.0030,
5.5950

179.0180, 8.7570,
0.9890

128.9730, 57.3560,
6.7960

188.7010, -0.5960,
-0.2120

119.1760, 67.0300,
7.6860

198.4980,
-10.2700, -1.1020

108.7920, 76.9790,
9.0990

208.8820,
-20.2190, -2.5150

98.9950, 86.6530,
9.9890

218.6790,
-29.8930, -3.4050

■ 89.1980, 96.3270,
10.8790

■ 227.3360,
-36.3570, -7.4050

■ 88.4970, 96.9230,
11.0910

■ 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.



159.8680, 27.0950, 10.0630



158.8370, 28.3800, 3.2920



157.2720, 22.4210, -4.3550

Triad

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



158.8370, 28.3800, 3.2920



151.9060, -20.7670, -14.6150



157.9790, -12.7020, 9.9380

Complementary

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



158.8370, 28.3800, 3.2920



162.1630, -28.3800, -3.2920

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.



155.0370, -27.7850, 2.4470



158.8370, 28.3800, 3.2920



150.8540, -32.1840, -11.4480

Square

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



158.8370, 28.3800, 3.2920



153.5180, -4.9950, -14.1070



151.9880, -35.2570, -5.3130



160.1830, 4.3990, 13.8950

Rectangle

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



158.8370, 28.3800, 3.2920



156.3310, 14.7650, -8.7790



151.9880, -35.2570, -5.3130



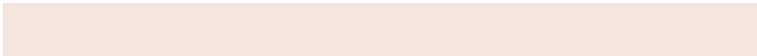
157.1740, -17.7450, 7.7190

Sweetspot

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



158.8370, 28.3800, 3.2920



233.1000, 11.4620, 1.5260



153.8910, 20.2610, 23.7890



115.2350, 6.6480, 0.6640



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.



158.8370, 28.3800, 3.2920



199.3890, 44.3810, 5.1570



174.6860, 20.9550, -10.8290



89.4520, 4.5390, 0.3390



74.2440, 81.5180, 9.4380



14.5520, 16.0010, 1.8650

Inverse Universe

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



162.1630, -28.3800, -3.2920



204.6110, -44.3810, -5.1570



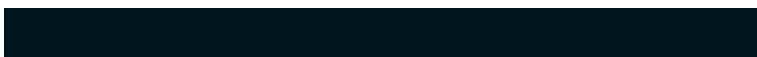
146.3140, -20.9550, 10.8290



90.1350, -4.8140, -0.8620



83.7560, -81.5180, -9.4380



16.4480, -16.0010, -1.8650

Previews

White Background



This preview shows how the YIQ color 158.8370, 28.3800, 3.2920 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 158.8370, 28.3800, 3.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

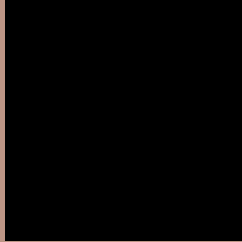
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 158.8370, 28.3800, 3.2920

Background



This preview shows how black text looks on a background with the YIQ color 158.8370, 28.3800, 3.2920.



This preview shows how white text looks on a background with the YIQ color 158.8370, 28.3800,

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

158.8370, 28.3800, 3.2920

Protanopia

157.1120, 11.1880, -4.5240

Deuteranopia

158.8040, 23.9790, 0.4510



Tritanopia

160.7090, 23.2890, 12.9610

Trichromacy



Original Color

158.8370, 28.3800, 3.2920

Protanomaly

157.6290, 17.1020, -1.5700

Deuteranomaly

158.8150, 25.4460, 1.3980

Tritanomaly

159.9710, 25.3070, 9.4270

Monochromacy



Original Color

158.8370, 28.3800, 3.2920

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

158.9150, 10.5450, 1.6250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.8370, 28.3800, 3.2920 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, 149, 133)` looks like.

```
.text, #text, p{  
    color:rgb(188, 149, 133)  
}
```

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, 149, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 149, 133) }
```

Border

The CSS property to change the border of an element to YIQ 158.8370, 28.3800, 3.2920 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, 149, 133) }
```


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

```
.border{ border-color:rgb(188, 149, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 149, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 149, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 149, 133);  
box-shadow:4px 4px 4px 4px rgb(188, 149,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 158.8370, 28.3800, 3.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 149, 133) }
```

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

```
.background{ background-color: rgb(188,  
149, 133) }
```

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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