

# Converting Colors

YIQ(148.8370, 28.3800, 3.2920)

Have a look what the booklet for  
YIQ(148.8370, 28.3800, 3.2920)  
contains.

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# Color

**YIQ(148.8370, 28.3800,  
3.2920)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B28B7B
RGB	178, 139, 123
RGB Percent	70%, 55%, 48%
CMY	0.3019, 0.4549, 0.5175
CMYK	0.00, 0.22, 0.31, 0.30
HSL	17°, 26%, 59%
HSV	17°, 31%, 70%
XYZ	31.1723, 29.3588, 22.7732
YIQ	148.8370, 28.3800, 3.2920

# Conversions

## Conversions Part 2

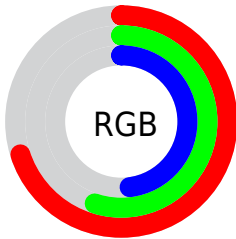
<b>Format</b>	<b>Color</b>
<b>RYB</b>	178, 146, 123
Decimal	11701115
CIELab	61.10, 12.50, 14.21
CIELCh	61, 18.921, 48.668
Yxy	29.3588, 0.3742, 0.3524
Android (android.graphics.Color)	4289891195 (0xFFB28B7B)
YUV	148.8370, -12.7376, 25.5760
Hunter-Lab	54.1838, 7.8708, 13.0093

# Details

The YIQ color **148.8370, 28.3800, 3.2920** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **152.1630, -28.3800, -3.2920**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.5060, 30.8100, 3.3060**, and **97.7550, 25.6750, 2.7550** is the 20% darker color. If you saturate the color by 10%, you get **139.1540, 37.7330, 4.4930**, and if you desaturate by 10%, it is **158.5200, 19.0270, 2.0910**.

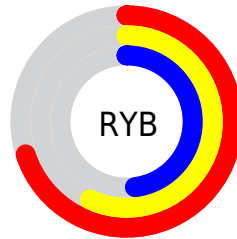
# Distribution



Red (70%)

Green (55%)

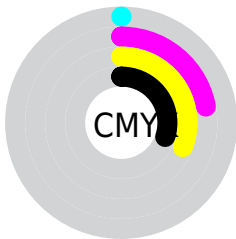
Blue (48%)



Red (70%)

Yellow (57%)

Blue (48%)

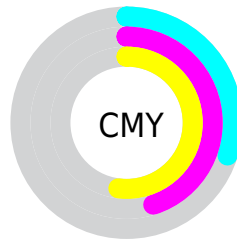


Cyan (0%)

Magenta (22%)

Yellow (31%)

Black (30%)



Cyan (30%)

Magenta (45%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 148.8370, 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 148.8370, 28.3800, 3.2920 by changing the saturation by 10% instead.





 148.8370, 28.3800,  
3.2920


 148.8370, 28.3800,  
3.2920


255.0000, -0.0000,  
-0.0000

 122.6520, 27.4630,  
3.3910


 203.6200, 30.4890,  
3.6170


 97.7550, 25.6750,  
2.7550


 228.5270, 26.3170,  
2.1330

 73.3850, 23.8410,  
2.9530

 248.7420, 9.3540,  
-4.3260

 50.7870, 22.6490,  
2.5290

 28.5480, 21.8240,  
0.9600

 8.3720, 16.6880,  
5.9360

 0.0000, 0.0000,

0.0000

■ 148.8370, 28.3800,  
3.2920

■ 148.8370, 28.3800,  
3.2920

■ 139.1540, 37.7330,  
4.4930

■ 158.5200, 19.0270,  
2.0910

■ 130.0580, 46.8110,  
5.1710

■ 167.6160, 9.9490,  
1.4130

■ 120.4890, 55.8430,  
6.6830

■ 177.1850, 0.9170,  
-0.0990

■ 110.8060, 65.1960,  
7.8840

■ 186.8680, -8.4360,  
-1.3000

■ 101.7100, 74.2740,  
8.5620

■ 195.9640,  
-17.5140, -1.9780

■ 92.0270, 83.6270,  
9.7630

■ 205.6470,  
-26.8670, -3.1790

■ 83.7460, 91.7880,  
10.5400

■ 214.7430,  
-35.9450, -3.8570

■ 223.1720,  
-41.7670, -8.4790

■ 230.8030,  
-45.3420, -15.2780

# Harmonies

## Analogous

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



149.8680, 27.0950, 10.0630



148.8370, 28.3800, 3.2920



147.2720, 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.



148.8370, 28.3800, 3.2920



141.6070, -21.3630, -14.8270



147.9790, -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.



148.8370, 28.3800, 3.2920



152.1630, -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.



145.0370, -27.7850, 2.4470



148.8370, 28.3800, 3.2920



140.5550, -32.7800, -11.6600

# Square

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



148.8370, 28.3800, 3.2920



143.5180, -4.9950, -14.1070



141.6890, -35.8530, -5.5250



150.2970, 4.0780, 14.2060



# Rectangle

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



148.8370, 28.3800, 3.2920



146.2170, 15.0860, -9.0900



141.6890, -35.8530, -5.5250



146.8750, -18.3410, 7.5070

# Sweetspot

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



148.8370, 28.3800, 3.2920



220.8010, 10.8660, 1.3140



143.8910, 20.2610, 23.7890



110.2350, 6.6480, 0.6640



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000



# Same Dimension

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



148.8370, 28.3800, 3.2920



186.3890, 44.3810, 5.1570



164.6860, 20.9550, -10.8290



84.4520, 4.5390, 0.3390



71.5750, 79.0880, 9.4240



11.8830, 13.5710, 1.8510



# Inverse Universe

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



152.1630, -28.3800, -3.2920



191.6110, -44.3810, -5.1570



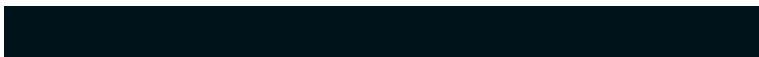
136.3140, -20.9550, 10.8290



85.1350, -4.8140, -0.8620



81.4250, -79.0880, -9.4240



13.5300, -13.2960, -1.3280



# Previews

## White Background



This preview shows how the YIQ color 148.8370, 28.3800, 3.2920 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

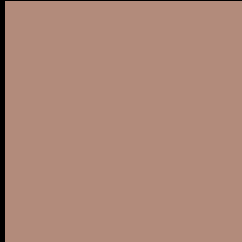
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 148.8370, 28.3800, 3.2920 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

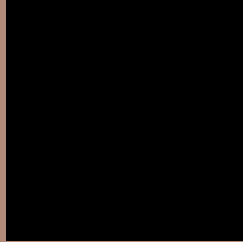
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 148.8370, 28.3800, 3.2920

## Background



This preview shows how black text looks on a background with the YIQ color 148.8370, 28.3800, 3.2920.



This preview shows how white text looks on a background with the YIQ color 148.8370, 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

148.8370, 28.3800, 3.2920

### Protanopia

147.1120, 11.1880, -4.5240

### Deuteranopia

148.3910, 23.7040, -0.0720



## Tritanopia

150.2960, 23.0140, 12.4380

# Trichromacy



## Original Color

148.8370, 28.3800, 3.2920

## Protanomaly

147.6290, 17.1020, -1.5700

## Deuteranomaly

148.7010, 25.7670, 1.0870

## Tritanomaly

149.6720, 24.7110, 9.2150

# Monochromacy



## Original Color

148.8370, 28.3800, 3.2920

## Achromatopsia

149.0000, 0.0000, -0.0000

## Achromatomaly

148.9150, 10.5450, 1.6250

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 148.8370, 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(178, 139, 123)` looks like.

```
.text, #text, p{  
    color:rgb(178, 139, 123)  
}
```

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(178, 139, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 139, 123) }
```

## Border

The CSS property to change the border of an element to YIQ 148.8370, 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(178, 139, 123) }
```



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

```
.border{ border-color:rgb(178, 139, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 139, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 139, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 139, 123);  
box-shadow:4px 4px 4px 4px rgb(178, 139,  
123) }
```

# Background

The CSS property to change the background color of an element to YIQ 148.8370, 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(178, 139, 123) }
```

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

```
.background{ background-color: rgb(178,  
139, 123) }
```

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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