

Converting Colors

YIQ(164.3990, 38.4210, 3.0370)

Have a look what the booklet for
YIQ(164.3990, 38.4210, 3.0370)
contains.

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Color

**YIQ(164.3990, 38.4210,
3.0370)**

Conversions

Conversions Part 1

Format	Color
Hex	CB987F
RGB	203, 152, 127
RGB Percent	80%, 60%, 50%
CMY	0.2038, 0.4040, 0.5018
CMYK	0.00, 0.25, 0.37, 0.20
HSL	20°, 42%, 65%
HSV	20°, 37%, 80%
XYZ	39.6943, 36.6832, 25.0821
YIQ	164.3990, 38.4210, 3.0370

Conversions

Conversions Part 2

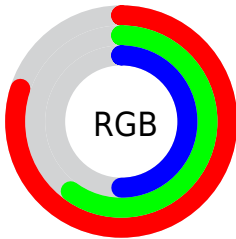
Format	Color
R _Y B	203, 164, 127
Decimal	13342847
CIE Lab	67.04, 15.81, 20.57
CIE LCh	67, 25.944, 52.448
Yxy	36.6832, 0.3912, 0.3616
Android (android.graphics.Color)	4291532927 (0xFFCB987F)
YUV	164.3990, -18.4377, 33.8531
Hunter-Lab	60.5667, 10.9940, 17.8433

Details

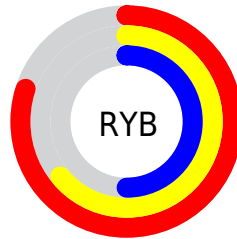
The YIQ color **164.3990, 38.4210, 3.0370** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **165.6010, -38.4210, -3.0370**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **217.6870, 37.5500, 2.3020**, and **112.1320, 34.7990, 2.5990** is the 20% darker color. If you saturate the color by 10%, you get **153.9010, 48.6910, 4.1390**, and if you desaturate by 10%, it is **174.8970, 28.1510, 1.9350**.

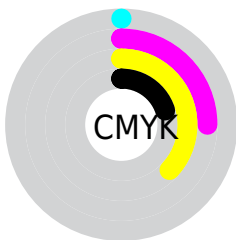
Distribution



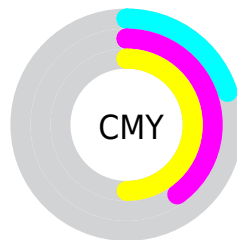
- Red (80%)
- Green (60%)
- Blue (50%)



- Red (80%)
- Yellow (64%)
- Blue (50%)



- Cyan (0%)
- Magenta (25%)
- Yellow (37%)
- Black (20%)





- Cyan (20%)
- Magenta (40%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 164.3990, 38.4210, 3.0370 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 164.3990, 38.4210, 3.0370 by changing the saturation by 10% instead.


 164.3990, 38.4210,
3.0370


 164.3990, 38.4210,
3.0370


255.0000, -0.0000,
-0.0000

 137.9150, 36.9080,
2.9240


 217.6870, 37.5500,
2.3020


 112.1320, 34.7990,
2.5990


 237.7880, 20.9080,
-4.4680

 87.3490, 32.6900,
2.2740

 252.8340, 6.0990,
-5.9090

 63.5660, 30.5810,
1.9490

 40.6690, 28.7930,
1.3130

 19.6130, 23.1990,
3.5750

 2.3920, 4.7680,

1.6960

■ 0.0000, 0.0000,
0.0000

■ 164.3990, 38.4210,
3.0370

■ 164.3990, 38.4210,
3.0370

■ 153.9010, 48.6910,
4.1390

■ 174.8970, 28.1510,
1.9350

■ 143.8760, 59.0070,
4.4070

■ 184.9220, 17.8350,
1.6670

■ 133.3780, 69.2770,
5.5090

■ 195.4200, 7.5650,
0.5650

■ 122.8800, 79.5470,
6.6110

■ 205.9180, -2.7050,
-0.5370

■ 112.9690, 89.5420,
7.1900

■ 215.9430,
-13.0210, -0.8050

■ 102.3570,
100.1330, 7.9810

■ 226.4410,
-23.2910, -1.9070

■ 100.0260,
102.5630, 7.9950

■ 234.7560,
-28.7920, -6.8400

■ 239.4520,
-30.9920, -11.0240

Harmonies

Analogous

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



166.0220, 38.4650, 13.2570



164.3990, 38.4210, 3.0370



162.8720, 29.2990, -7.8610

Triad

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



164.3990, 38.4210, 3.0370



153.6870, -33.5120, -20.4240



164.3580, -15.0870, 14.6170

Complementary

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



164.3990, 38.4210, 3.0370



165.6010, -38.4210, -3.0370

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.



159.5290, -37.9180, 4.3700



164.3990, 38.4210, 3.0370



151.6390, -50.7520, -16.3520

Square

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



164.3990, 38.4210, 3.0370



157.1920, -10.1290, -20.1850



153.8380, -52.4500, -7.6020



166.4380, 8.2950, 20.3830

Rectangle

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



164.3990, 38.4210, 3.0370



161.0230, 18.3880, -13.8680



153.8380, -52.4500, -7.6020



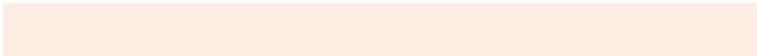
163.0580, -23.1100, 11.3380

Sweetspot

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



164.3990, 38.4210, 3.0370



240.6550, 14.2130, 1.2290



155.6520, 28.6040, 32.2840



119.0180, 8.7570, 0.9890



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



164.3990, 38.4210, 3.0370



196.6910, 58.0900, 4.5060



186.1180, 28.2460, -16.3140



96.7510, 5.1350, 0.5510



81.3320, 84.0860, 6.9500



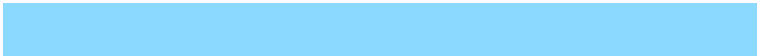
18.9930, 19.0730, 1.2570

Inverse Universe

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



165.6010, -38.4210, -3.0370



198.3090, -58.0900, -4.5060



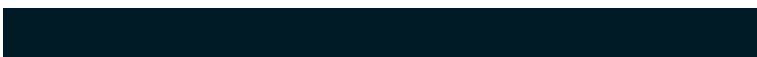
143.8820, -28.2460, 16.3140



97.2490, -5.1350, -0.5510



84.0810, -83.8110, -6.4270



19.5940, -19.3480, -1.7800

Previews

White Background



This preview shows how the YIQ color 164.3990, 38.4210, 3.0370 looks on a white background.

Color Contrast Check

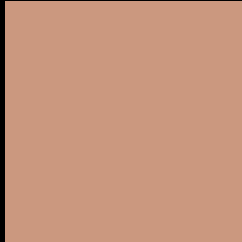
Large Text (above 18pt) WCAG AA × Fail

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 164.3990, 38.4210, 3.0370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

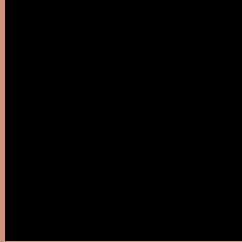
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.3990, 38.4210, 3.0370

Background



This preview shows how black text looks on a background with the YIQ color 164.3990, 38.4210, 3.0370.



This preview shows how white text looks on a background with the YIQ color 164.3990, 38.4210,

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

164.3990, 38.4210, 3.0370

Protanopia

162.4560, 15.9110, -7.5210

Deuteranopia

163.9310, 30.8110, -2.2210



Tritanopia

166.5960, 31.0370, 15.7170

Trichromacy



Original Color

164.3990, 38.4210, 3.0370

Protanomaly

163.1690, 24.2090, -3.7190

Deuteranomaly

163.9530, 33.7450, -0.3270

Tritanomaly

165.5160, 34.0180, 11.2500

Monochromacy



Original Color

164.3990, 38.4210, 3.0370

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

164.3560, 13.6170, 1.0170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.3990, 38.4210, 3.0370 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(203, 152, 127)` looks like.

```
.text, #text, p{  
    color:rgb(203, 152, 127)  
}
```

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(203, 152, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 152, 127) }
```

Border

The CSS property to change the border of an element to YIQ 164.3990, 38.4210, 3.0370 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(203, 152, 127) }
```


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

```
.border{ border-color:rgb(203, 152, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 152, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 152, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 152, 127);  
box-shadow:4px 4px 4px 4px rgb(203, 152,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 164.3990, 38.4210, 3.0370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 152, 127) }
```

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

```
.background{ background-color: rgb(203,  
152, 127) }
```

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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