

Converting Colors

YIQ(157.9010, 48.6910, 4.1390)

Have a look what the booklet for
YIQ(157.9010, 48.6910, 4.1390)
contains.

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Color

**YIQ(157.9010, 48.6910,
4.1390)**

Conversions

Conversions Part 1

Format	Color
Hex	CF8E6F
RGB	207, 142, 111
RGB Percent	81%, 56%, 44%
CMY	0.1881, 0.4432, 0.5645
CMYK	0.00, 0.31, 0.46, 0.19
HSL	19°, 50%, 62%
HSV	19°, 46%, 81%
XYZ	38.2830, 33.7571, 19.5530
YIQ	157.9010, 48.6910, 4.1390

Conversions

Conversions Part 2

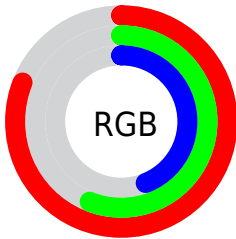
Format	Color
R_{YB}	207, 157, 111
Decimal	13602415
CIE _{Lab}	64.77, 21.11, 26.42
CIE _{LCh}	65, 33.820, 51.375
Yxy	33.7571, 0.4180, 0.3686
Android (android.graphics.Color)	4291792495 (0xFFCF8E6F)
YUV	157.9010, -23.1222, 43.0598
Hunter-Lab	58.1009, 15.9381, 20.7175

Details

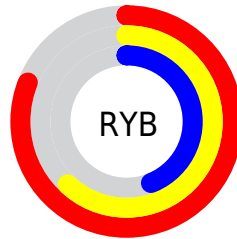
The YIQ color **157.9010, 48.6910, 4.1390** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **160.0990, -48.6910, -4.1390**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **209.8790, 45.7570, 2.2450**, and **105.4490, 44.1520, 3.8000** is the 20% darker color. If you saturate the color by 10%, you get **147.2890, 59.2820, 4.9300**, and if you desaturate by 10%, it is **168.5130, 38.1000, 3.3480**.

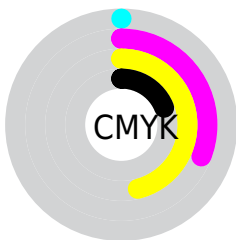
Distribution



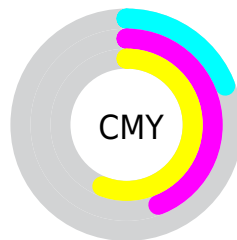
- Red (81%)
- Green (56%)
- Blue (44%)



- Red (81%)
- Yellow (62%)
- Blue (44%)



- Cyan (0%)
- Magenta (31%)
- Yellow (46%)
- Black (19%)





- Cyan (19%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 157.9010, 48.6910, 4.1390 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 157.9010, 48.6910, 4.1390 by changing the saturation by 10% instead.


 157.9010, 48.6910,
4.1390


 157.9010, 48.6910,
4.1390


255.0000, -0.0000,
-0.0000


 131.1180, 46.5820,
3.8140


 209.8790, 45.7570,
2.2450


 105.4490, 44.1520,
3.8000


 229.3930, 29.3900,
-4.0020


 80.3670, 41.4470,
3.2630

 249.6080, 12.4270,
-10.4610

 56.9860, 38.1460,
2.5140

 254.0880, 2.5680,
-2.4880

 33.8440, 35.6700,
3.3340

 13.1560, 26.2240,
9.3280

 0.0000, 0.0000,

0.0000

■ 157.9010, 48.6910,
4.1390

■ 157.9010, 48.6910,
4.1390

■ 147.2890, 59.2820,
4.9300

■ 168.5130, 38.1000,
3.3480

■ 136.7910, 69.5520,
6.0320

■ 179.0110, 27.8300,
2.2460

■ 126.1790, 80.1430,
6.8230

■ 189.6230, 17.2390,
1.4550

■ 115.5670, 90.7340,
7.6140

■ 200.2350, 6.6480,
0.6640

■ 105.0690,
101.0040, 8.7160

■ 210.8470, -3.9430,
-0.1270

■ 101.2220,
104.9470, 8.8430

■ 221.3450,
-14.2130, -1.2290

■ 231.8430,
-24.4830, -2.3310

■ 240.0610,
-28.3330, -9.6530

■ 240.6480,
-28.6080, -10.1760

Harmonies

Analogous

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



159.7460, 48.2300, 18.0060



157.9010, 48.6910, 4.1390



155.5970, 37.3230, -10.1090

Triad

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



157.9010, 48.6910, 4.1390



142.8270, -45.8900, -27.3780



157.7580, -21.9650, 18.1230

Complementary

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



157.9010, 48.6910, 4.1390



160.0990, -48.6910, -4.1390

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.



150.2050, -54.5610, 3.1270



157.9010, 48.6910, 4.1390



135.5970, -77.2970, -25.3690

Square

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



157.9010, 48.6910, 4.1390



148.8340, -12.2370, -26.0370



138.4800, -80.9210, -14.7530



161.4970, 9.8070, 26.0230

Rectangle

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



157.9010, 48.6910, 4.1390



154.0250, 24.0740, -17.7980



138.4800, -80.9210, -14.7530



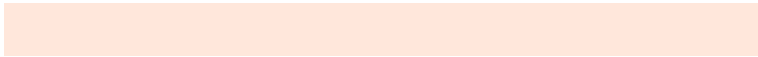
155.9630, -32.9680, 13.7840

Sweetspot

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



157.9010, 48.6910, 4.1390



236.8080, 18.1560, 1.3560



147.2280, 36.0300, 40.8780



116.6870, 11.1870, 1.0030



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.



157.9010, 48.6910, 4.1390



181.7590, 72.5780, 6.2580



185.4900, 35.7660, -20.4420



99.0500, 5.7310, 0.7630



81.9300, 85.2780, 7.3740



19.8900, 20.8610, 1.8930

Inverse Universe

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



160.0990, -48.6910, -4.1390



185.2410, -72.5780, -6.2580



132.5100, -35.7660, 20.4420



99.3630, -5.4560, -0.2400



86.0700, -85.2780, -7.3740



21.1100, -20.8610, -1.8930

Previews

White Background



This preview shows how the YIQ color 157.9010, 48.6910, 4.1390 looks on a white background.

Color Contrast Check

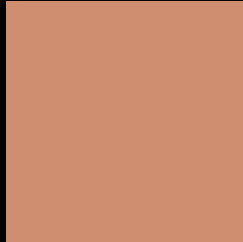
Large Text (above 18pt) WCAG AA × Fail

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 157.9010, 48.6910, 4.1390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

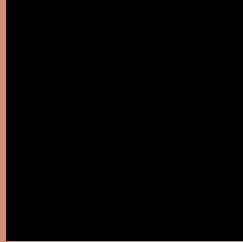
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 157.9010, 48.6910, 4.1390

Background



This preview shows how black text looks on a background with the YIQ color 157.9010, 48.6910, 4.1390.



This preview shows how white text looks on a background with the YIQ color 157.9010, 48.6910,

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

157.9010, 48.6910, 4.1390

Protanopia

156.1420, 19.6710, -9.5850

Deuteranopia

157.2750, 35.5340, -5.2180



Tritanopia

159.9670, 40.2980, 18.5860

Trichromacy



Original Color

157.9010, 48.6910, 4.1390

Protanomaly

157.0510, 30.3530, -4.9350

Deuteranomaly

157.7210, 40.2100, -1.8540

Tritanomaly

159.3600, 43.3250, 13.2850

Monochromacy



Original Color

157.9010, 48.6910, 4.1390

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

157.9220, 17.8350, 1.6670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.9010, 48.6910, 4.1390 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(207, 142, 111)` looks like.

```
.text, #text, p{  
    color:rgb(207, 142, 111)  
}
```

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(207, 142, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 142, 111) }
```

Border

The CSS property to change the border of an element to YIQ 157.9010, 48.6910, 4.1390 is called "border". The border property can be set on classes, ids or directly on the HTML element.

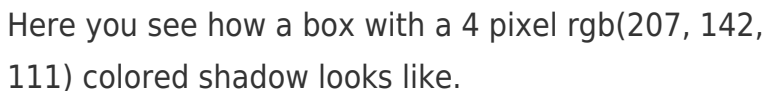
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 142, 111) }
```


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

```
.border{ border-color:rgb(207, 142, 111) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 142, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 142, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 142, 111); box-shadow:4px 4px 4px 4px rgb(207, 142, 111) }
```

Background

The CSS property to change the background color of an element to YIQ 157.9010, 48.6910, 4.1390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 142, 111) }
```

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

```
.background{ background-color: rgb(207,  
142, 111) }
```

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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