

Converting Colors

YIQ(150.3860, 48.4630, -2.7450)

Have a look what the booklet for
YIQ(150.3860, 48.4630, -2.7450)
contains.

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Color

**YIQ(150.3860, 48.4630,
-2.7450)**

Conversions

Conversions Part 1

Format	Color
Hex	C38B5C
RGB	195, 139, 92
RGB Percent	76%, 55%, 36%
CMY	0.2352, 0.4550, 0.6390
CMYK	0.00, 0.29, 0.53, 0.24
HSL	27°, 46%, 56%
HSV	27°, 53%, 76%
XYZ	33.6760, 30.8377, 14.3159
YIQ	150.3860, 48.4630, -2.7450

Conversions

Conversions Part 2

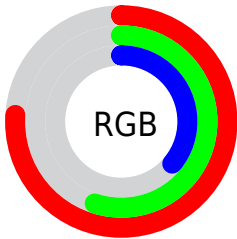
Format	Color
RYB	195, 178, 92
Decimal	12815196
CIELab	62.37, 16.00, 33.42
CIELCh	62, 37.056, 64.416
Yxy	30.8377, 0.4272, 0.3912
Android (android.graphics.Color)	4291005276 (0xFFC38B5C)
YUV	150.3860, -28.7843, 39.1265
Hunter-Lab	55.5317, 11.0670, 23.5874

Details

The YIQ color **150.3860, 48.4630, -2.7450** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **136.6140, -48.4630, 2.7450**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **205.5390, 52.4060, -2.6180**, and **98.6350, 43.3280, -3.2960** is the 20% darker color. If you saturate the color by 10%, you get **141.7630, 57.5870, -2.9010**, and if you desaturate by 10%, it is **159.1230, 39.0180, -2.2780**.

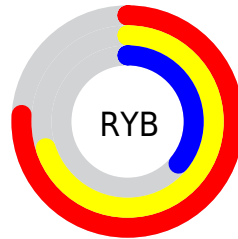
Distribution



Red (76%)

Green (55%)

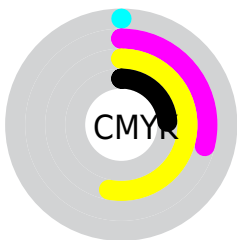
Blue (36%)



Red (76%)

Yellow (70%)

Blue (36%)

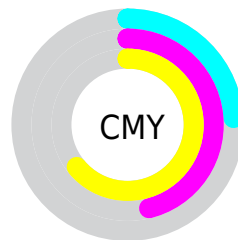


Cyan (0%)

Magenta (29%)

Yellow (53%)

Black (24%)



Cyan (24%)


Magenta (46%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 150.3860, 48.4630, -2.7450 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 150.3860, 48.4630, -2.7450 by changing the saturation by 10% instead.


 150.3860, 48.4630,
-2.7450


 150.3860, 48.4630,
-2.7450


255.0000, -0.0000,
-0.0000


 123.7170, 46.0330,
-2.7590


 205.5390, 52.4060,
-2.6180

 98.6350, 43.3280,
-3.2960


 224.7650, 36.9100,
-8.1300

 73.8520, 41.2190,
-3.6210


 244.8660, 20.2680,
-14.9000

 50.3570, 38.2390,
-4.6810

 251.5800, 9.6300,
-9.3300

 30.2560, 28.5180,
0.7900

254.8860, 0.3210,
-0.3110

 10.4650, 20.8600,
7.4200

 0.0000, 0.0000,

0.0000

■ 150.3860, 48.4630,
-2.7450

■ 150.3860, 48.4630,
-2.7450

■ 141.7630, 57.5870,
-2.9010

■ 159.1230, 39.0180,
-2.2780

■ 133.6130, 66.7570,
-3.8910

■ 167.1590, 30.1690,
-1.5990

■ 124.9900, 75.8810,
-4.0470

■ 175.8960, 20.7240,
-1.1320

■ 116.8400, 85.0510,
-5.0370

■ 183.9320, 11.8750,
-0.4530

■ 110.5480, 91.7450,
-5.2070

■ 192.6690, 2.4300,
0.0140

■ 201.2920, -6.6940,
0.1700

■ 209.4420,
-15.8640, 1.1600

■ 218.0650,
-24.9880, 1.3160

■ 225.3200,
-30.2600, -2.2600

Harmonies

Analogous

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



152.2210, 53.9620, 13.2420



150.3860, 48.4630, -2.7450



147.5590, 31.3180, -16.9220

Triad

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



150.3860, 48.4630, -2.7450



127.3490, -73.9030, -31.8150



153.6890, -8.3490, 24.6670

Complementary

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



150.3860, 48.4630, -2.7450



136.6140, -48.4630, 2.7450

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.



146.4390, -46.1720, 10.7880



150.3860, 48.4630, -2.7450



119.3470, -105.9520, -29.1840

Square

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



150.3860, 48.4630, -2.7450



138.7440, -29.6590, -29.6830



131.1790, -87.2030, -11.0350



154.8470, 23.5610, 30.0650

Rectangle

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



150.3860, 48.4630, -2.7450



145.7740, 14.3550, -23.3810



131.1790, -87.2030, -11.0350



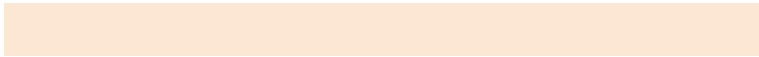
152.5240, -21.1860, 20.5260

Sweetspot

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



150.3860, 48.4630, -2.7450



234.5260, 18.8900, -0.9340



129.2950, 43.0910, 39.5630



116.9320, 11.8750, -0.4530



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.



150.3860, 48.4630, -2.7450



183.3920, 74.6890, -4.4710



180.3230, 34.4380, -29.4180



92.9250, 4.5850, -0.4950



90.9900, 75.8810, -4.0470



18.6720, 15.5430, -0.8490

Inverse Universe

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



136.6140, -48.4630, 2.7450



162.1950, -74.9640, 3.9480



106.6770, -34.4380, 29.4180



91.0750, -4.5850, 0.4950



69.4230, -75.6060, 4.5700



14.3280, -15.5430, 0.8490

Previews

White Background



This preview shows how the YIQ color 150.3860, 48.4630, -2.7450 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 150.3860, 48.4630, -2.7450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

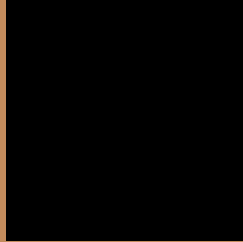
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 150.3860, 48.4630, -2.7450

Background



This preview shows how black text looks on a background with the YIQ color 150.3860, 48.4630, -2.7450.



This preview shows how white text looks on a background with the YIQ color 150.3860, 48.4630,

-2.7450.

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

150.3860, 48.4630, -2.7450

Protanopia

148.7310, 25.0820, -14.0380

Deuteranopia

149.6190, 40.2570, -8.2150



Tritanopia

153.8740, 36.1260, 17.1020

Trichromacy



Original Color

150.3860, 48.4630, -2.7450

Protanomaly

149.4440, 33.3800, -10.2360

Deuteranomaly

149.6410, 43.1910, -6.3210

Tritanomaly

152.5830, 41.0790, 9.9350

Monochromacy



Original Color

150.3860, 48.4630, -2.7450

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

150.0420, 17.3770, -1.0470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.3860, 48.4630, -2.7450 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(195, 139, 92)` looks like.

```
.text, #text, p{  
    color:rgb(195, 139, 92)  
}
```

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(195, 139, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 139, 92) }
```

Border

The CSS property to change the border of an element to YIQ 150.3860, 48.4630, -2.7450 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(195, 139, 92) }
```


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

```
.border{ border-color:rgb(195, 139, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 139, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 139, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 139, 92);  
box-shadow:4px 4px 4px 4px rgb(195, 139,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 150.3860, 48.4630, -2.7450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 139, 92) }
```

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

```
.background{ background-color: rgb(195,  
139, 92) }
```

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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