

Converting Colors

YIQ(162.4040, 48.0520,
-11.8200)

Have a look what the booklet for
YIQ(162.4040, 48.0520, -11.8200)
contains.

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Color

**YIQ(162.4040, 48.0520,
-11.8200)**

Conversions

Conversions Part 1

Format	Color
Hex	C99D59
RGB	201, 157, 89
RGB Percent	79%, 62%, 35%
CMY	0.2117, 0.3844, 0.6507
CMYK	0.00, 0.22, 0.56, 0.21
HSL	36°, 51%, 57%
HSV	36°, 56%, 79%
XYZ	37.9513, 37.2496, 14.6545
YIQ	162.4040, 48.0520, -11.8200

Conversions

Conversions Part 2

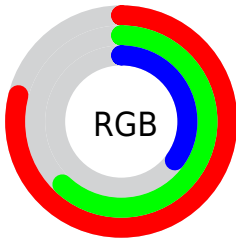
Format	Color
RYB	161, 201, 89
Decimal	13213017
CIELab	67.46, 8.43, 41.41
CIElCh	67, 42.258, 78.497
Yxy	37.2496, 0.4224, 0.4146
Android (android.graphics.Color)	4291403097 (0xFFC99D59)
YUV	162.4040, -36.1882, 33.8487
Hunter-Lab	61.0325, 4.1881, 28.4866

Details

The YIQ color **162.4040, 48.0520, -11.8200** 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 **127.5960, -48.0520, 11.8200**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **216.1760, 48.6940, -12.4420**, and **109.8380, 43.8340, -12.4700** is the 20% darker color. If you saturate the color by 10%, you get **155.4280, 56.6720, -13.8560**, and if you desaturate by 10%, it is **169.3800, 39.4320, -9.7840**.

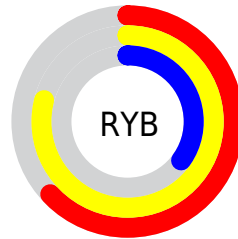
Distribution



Red (79%)

Green (62%)

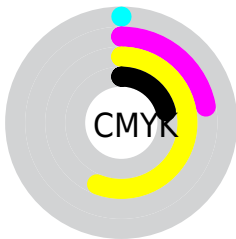
Blue (35%)



Red (63%)

Yellow (79%)

Blue (35%)

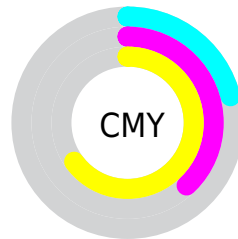


Cyan (0%)

Magenta (22%)

Yellow (56%)

Black (21%)



Cyan (21%)


Magenta (38%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 162.4040, 48.0520, -11.8200 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 162.4040, 48.0520, -11.8200 by changing the saturation by 10% instead.


 162.4040, 48.0520,
-11.8200


 162.4040, 48.0520,
-11.8200


255.0000, -0.0000,
-0.0000


 135.6210, 45.9430,
-12.1450


 216.1760, 48.6940,
-12.4420


 109.8380, 43.8340,
-12.4700


 236.1630, 32.3730,
-19.5230

 84.8270, 42.3670,
-13.4170


 248.1600, 19.2600,
-18.6600

 61.5430, 37.4150,
-11.7770

 251.3520, 10.2720,
-9.9520

 40.8550, 27.9690,
-5.7830

254.6580, 0.9630,
-0.9330

 21.3410, 17.9730,
-0.8350

 0.0000, 0.0000,

0.0000

■ 162.4040, 48.0520,
-11.8200

■ 162.4040, 48.0520,
-11.8200

■ 155.4280, 56.6720,
-13.8560

■ 169.3800, 39.4320,
-9.7840

■ 148.4520, 65.2920,
-15.8920

■ 176.3560, 30.8120,
-7.7480

■ 141.4760, 73.9120,
-17.9280

■ 183.3320, 22.1920,
-5.7120

■ 134.5000, 82.5320,
-19.9640

■ 190.3080, 13.5720,
-3.6760

■ 131.7130, 86.2460,
-21.1940

■ 197.3980, 4.6310,
-1.3290

■ 203.7870, -3.7140,
1.2300

■ 210.7630,
-12.3340, 3.2660

■ 217.7390,
-20.9540, 5.3020

■ 223.0050,
-24.7590, 2.6730

Harmonies

Analogous

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



164.8270, 60.7030, 6.7110



162.4040, 48.0520, -11.8200



158.7980, 22.9750, -25.4170

Triad

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



162.4040, 48.0520, -11.8200



129.3260, -110.6270, -38.0750



169.1150, 8.2470, 32.2710

Complementary

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



162.4040, 48.0520, -11.8200



127.5960, -48.0520, 11.8200

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.



164.1790, -33.3360, 20.4560



162.4040, 48.0520, -11.8200



131.3270, -120.3950, -26.2430

Square

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



162.4040, 48.0520, -11.8200



143.7280, -59.0930, -35.9010



149.6240, -80.7860, -0.6740



168.0510, 40.6620, 34.0220

Rectangle

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



162.4040, 48.0520, -11.8200



156.0170, 0.1890, -30.9710



149.6240, -80.7860, -0.6740



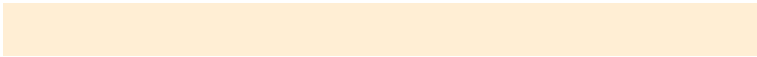
168.0040, -4.6820, 29.7980

Sweetspot

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



162.4040, 48.0520, -11.8200



240.1190, 18.4780, -4.4820



127.6180, 52.3070, 37.7390



118.5790, 11.3710, -2.3330



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.



162.4040, 48.0520, -11.8200



196.1770, 73.3160, -18.1400



184.9430, 29.3960, -37.1640



96.2130, 3.7140, -1.2300



106.8500, 69.9230, -17.2210



23.6780, 15.4060, -3.8740

Inverse Universe

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



127.5960, -48.0520, 11.8200



142.8230, -73.3160, 18.1400



105.0570, -29.3960, 37.1640



92.7870, -3.7140, 1.2300



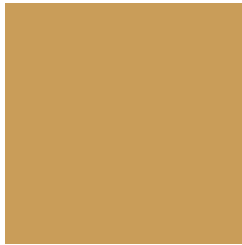
56.1500, -69.9230, 17.2210



12.3220, -15.4060, 3.8740

Previews

White Background



This preview shows how the YIQ color 162.4040, 48.0520, -11.8200 looks on a white background.

Color Contrast Check

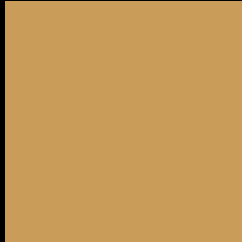
Large Text (above 18pt) WCAG AA × Fail

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 162.4040, 48.0520, -11.8200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

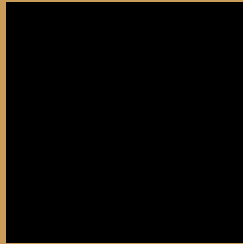
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 162.4040, 48.0520, -11.8200

Background



This preview shows how black text looks on a background with the YIQ color 162.4040, 48.0520, -11.8200.



This preview shows how white text looks on a background with the YIQ color 162.4040, 48.0520,

-11.8200.

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

162.4040, 48.0520, -11.8200

Protanopia

161.4620, 32.9690, -19.3110

Deuteranopia

162.4040, 48.0520, -11.8200



Tritanopia

167.5960, 31.0370, 15.7170

Trichromacy



Original Color

162.4040, 48.0520, -11.8200

Protanomaly

161.6800, 38.2870, -16.5690

Deuteranomaly

162.4040, 48.0520, -11.8200

Tritanomaly

165.7950, 37.3660, 5.6380

Monochromacy



Original Color

162.4040, 48.0520, -11.8200

Achromatopsia

162.0000, -0.0000, 0.0000

Achromatomaly

161.9340, 17.5610, -4.3830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.4040, 48.0520, -11.8200 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(201, 157, 89)` looks like.

```
.text, #text, p{  
    color:rgb(201, 157, 89)  
}
```

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(201, 157, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 157, 89) }
```

Border

The CSS property to change the border of an element to YIQ 162.4040, 48.0520, -11.8200 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(201, 157, 89) }
```


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

```
.border{ border-color:rgb(201, 157, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 157, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 157, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 157, 89);  
box-shadow:4px 4px 4px 4px rgb(201, 157,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 162.4040, 48.0520, -11.8200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 157, 89) }
```

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

```
.background{ background-color: rgb(201,  
157, 89) }
```

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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