

Converting Colors

YIQ(159.1820, 48.5570,
-15.4670)

Have a look what the booklet for
YIQ(159.1820, 48.5570, -15.4670)
contains.

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Color

**YIQ(159.1820, 48.5570,
-15.4670)**

Conversions

Conversions Part 1

Format	Color
Hex	C49C4F
RGB	196, 156, 79
RGB Percent	77%, 61%, 31%
CMY	0.2313, 0.3883, 0.6899
CMYK	0.00, 0.20, 0.60, 0.23
HSL	39°, 50%, 54%
HSV	39°, 60%, 77%
XYZ	36.0673, 36.0741, 12.4715
YIQ	159.1820, 48.5570, -15.4670

Conversions

Conversions Part 2

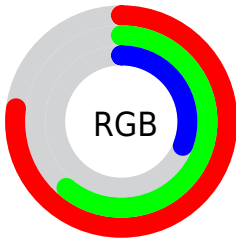
Format	Color
RYB	140, 196, 79
Decimal	12885071
CIELab	66.58, 6.06, 45.24
CIElCh	67, 45.648, 82.376
Yxy	36.0741, 0.4263, 0.4263
Android (android.graphics.Color)	4291075151 (0xFFC49C4F)
YUV	159.1820, -39.5297, 32.2894
Hunter-Lab	60.0617, 2.0822, 29.7320

Details

The YIQ color **159.1820, 48.5570, -15.4670** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **115.8180, -48.5570, 15.4670**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **214.3350, 52.5000, -15.3400**, and **106.5020, 44.6600, -16.4280** is the 20% darker color. If you saturate the color by 10%, you get **152.7930, 56.9020, -18.0260**, and if you desaturate by 10%, it is **165.5710, 40.2120, -12.9080**.

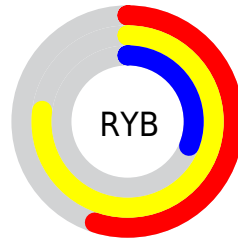
Distribution



Red (77%)

Green (61%)

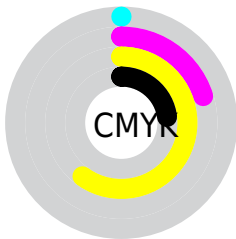
Blue (31%)



Red (55%)

Yellow (77%)

Blue (31%)

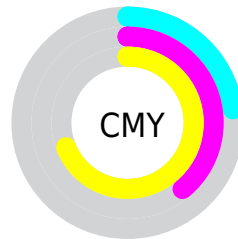


Cyan (0%)

Magenta (20%)

Yellow (60%)

Black (23%)



Cyan (23%)

Magenta (39%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.1820, 48.5570, -15.4670 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 159.1820, 48.5570, -15.4670 by changing the saturation by 10% instead.

■ 159.1820, 48.5570,
-15.4670

■ 159.1820, 48.5570,
-15.4670

■ 255.0000, -0.0000,
-0.0000

■ 132.3990, 46.4480,
-15.7920

■ 214.3350, 52.5000,
-15.3400

■ 106.5020, 44.6600,
-16.4280

■ 234.4360, 35.8580,
-22.1100

■ 81.0350, 44.4770,
-18.6190

■ 247.0200, 22.4700,
-21.7700

■ 59.4610, 34.7100,
-12.3140

■ 250.2120, 13.4820,
-13.0620

■ 39.3600, 24.9890,
-6.8430

■ 253.4040, 4.4940,
-4.3540

■ 20.1450, 15.5890,
-1.6830

■ 0.0000, 0.0000,

0.0000

■ 159.1820, 48.5570,
-15.4670

■ 159.1820, 48.5570,
-15.4670

■ 152.7930, 56.9020,
-18.0260

■ 165.5710, 40.2120,
-12.9080

■ 147.1050, 64.6510,
-20.7970

■ 171.2590, 32.4630,
-10.1370

■ 140.7160, 72.9960,
-23.3560

■ 177.6480, 24.1180,
-7.5780

■ 134.4410, 81.0200,
-25.6040

■ 183.9230, 16.0940,
-5.3300

■ 134.3270, 81.3410,
-25.9150

■ 190.3120, 7.7490,
-2.7710

■ 196.1140, -0.3210,
0.3110

■ 202.3890, -8.3450,
2.5590

■ 208.7780,
-16.6900, 5.1180

■ 214.4660,
-24.4390, 7.8890

Harmonies

Analogous

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



161.5130, 64.4630, 4.6470



159.1820, 48.5570, -15.4670



155.3090, 19.8580, -29.5020

Triad

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



159.1820, 48.5570, -15.4670



129.3090, -111.9570, -35.9970



167.0450, 14.4360, 35.7480

Complementary

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



159.1820, 48.5570, -15.4670



115.8180, -48.5570, 15.4670

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.



162.6680, -30.2190, 24.5410



159.1820, 48.5570, -15.4670



130.8370, -121.7710, -23.3310

Square

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



159.1820, 48.5570, -15.4670



132.6050, -80.9160, -42.3880



146.3400, -85.7380, 0.9660



165.2260, 47.5390, 36.0430

Rectangle

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



159.1820, 48.5570, -15.4670



151.3860, -5.4040, -34.2360



146.3400, -85.7380, 0.9660



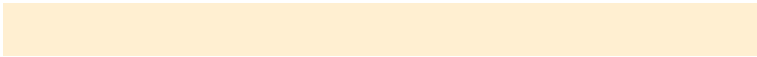
166.4500, -0.0060, 33.1620

Sweetspot

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



159.1820, 48.5570, -15.4670



240.3640, 19.1660, -5.9380



118.6570, 56.5710, 37.5550



118.8240, 12.0590, -3.7890



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.



159.1820, 48.5570, -15.4670



197.0430, 76.3890, -24.2750



177.2800, 26.8290, -40.2030



94.0990, 4.0350, -1.5410



110.3610, 66.8060, -21.3060



22.7810, 13.6180, -4.5100

Inverse Universe

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



115.8180, -48.5570, 15.4670



128.9570, -76.3890, 24.2750



97.7200, -26.8290, 40.2030



90.4880, -4.3100, 1.0180



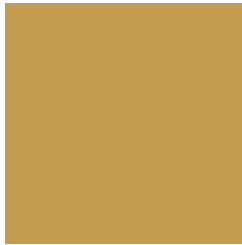
50.6390, -66.8060, 21.3060



10.2190, -13.6180, 4.5100

Previews

White Background



This preview shows how the YIQ color 159.1820, 48.5570, -15.4670 looks on a white background.

Color Contrast Check

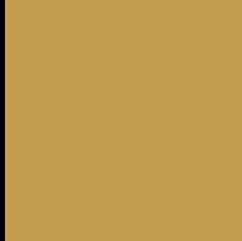
Large Text (above 18pt) WCAG AA × Fail

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 159.1820, 48.5570, -15.4670 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 159.1820, 48.5570, -15.4670

Background



This preview shows how black text looks on a background with the YIQ color 159.1820, 48.5570, -15.4670.



This preview shows how white text looks on a background with the YIQ color 159.1820, 48.5570,

-15.4670.

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

159.1820, 48.5570, -15.4670

Protanopia

157.8490, 36.1330, -21.5870

Deuteranopia

159.2040, 51.4910, -13.5730



Tritanopia

164.6990, 29.2490, 15.0810

Trichromacy



Original Color

159.1820, 48.5570, -15.4670

Protanomaly

158.3550, 40.5800, -19.5800

Deuteranomaly

159.4920, 50.6200, -14.3080

Tritanomaly

162.5560, 36.5410, 4.0690

Monochromacy



Original Color

159.1820, 48.5570, -15.4670

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

158.9940, 17.3320, -5.7400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.1820, 48.5570, -15.4670 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(196, 156, 79)` looks like.

```
.text, #text, p{  
    color:rgb(196, 156, 79)  
}
```

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(196, 156, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 156, 79) }
```

Border

The CSS property to change the border of an element to YIQ 159.1820, 48.5570, -15.4670 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(196, 156, 79) }
```


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

```
.border{ border-color:rgb(196, 156, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 156, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 156, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 156, 79);  
box-shadow:4px 4px 4px 4px rgb(196, 156,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 159.1820, 48.5570, -15.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 156, 79) }
```

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

```
.background{ background-color: rgb(196,  
156, 79) }
```

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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