

Converting Colors

YIQ(157.7920, 58.6430,
-11.0290)

Have a look what the booklet for
YIQ(157.7920, 58.6430, -11.0290)
contains.

YIQ(157.7920, 58.6430, -11.0290)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(157.7920, 58.6430,
-11.0290)**

Conversions

Conversions Part 1

Format	Color
Hex	CF954A
RGB	207, 149, 74
RGB Percent	81%, 58%, 29%
CMY	0.1881, 0.4158, 0.7095
CMYK	0.00, 0.28, 0.64, 0.19
HSL	34°, 58%, 55%
HSV	34°, 64%, 81%
XYZ	37.7207, 35.2513, 11.3078
YIQ	157.7920, 58.6430, -11.0290

Conversions

Conversions Part 2

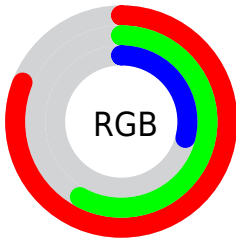
Format	Color
RYB	177, 207, 74
Decimal	13604170
CIELab	65.94, 14.23, 47.27
CIELCh	66, 49.369, 73.246
Yxy	35.2513, 0.4476, 0.4183
Android (android.graphics.Color)	4291794250 (0xFFCF954A)
YUV	157.7920, -41.3095, 43.1554
Hunter-Lab	59.3728, 9.5023, 30.2690

Details

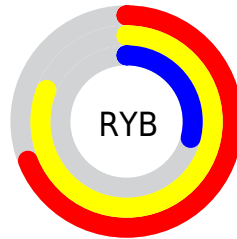
The YIQ color **157.7920, 58.6430, -11.0290** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **123.2080, -58.6430, 11.0290**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **209.6560, 56.0300, -13.2340**, and **104.6990, 54.4710, -12.5130** is the 20% darker color. If you saturate the color by 10%, you get **150.1150, 67.8590, -12.8530**, and if you desaturate by 10%, it is **165.4690, 49.4270, -9.2050**.

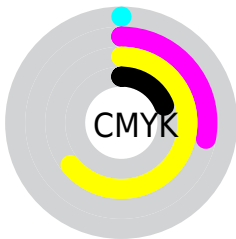
Distribution



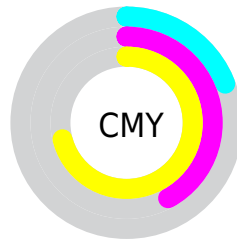
- Red (81%)
- Green (58%)
- Blue (29%)



- Red (69%)
- Yellow (81%)
- Blue (29%)



- Cyan (0%)
- Magenta (28%)
- Yellow (64%)
- Black (19%)





- Cyan (19%)
- Magenta (42%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 157.7920, 58.6430, -11.0290 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 157.7920, 58.6430, -11.0290 by changing the saturation by 10% instead.


 157.7920, 58.6430,
-11.0290


 157.7920, 58.6430,
-11.0290


255.0000, -0.0000,
-0.0000


 131.0090, 56.5340,
-11.3540


 209.6560, 56.0300,
-13.2340


 104.6990, 54.4710,
-12.5130


 229.1700, 39.6630,
-19.4810

 79.6170, 51.7660,
-13.0500


 246.3360, 24.3960,
-23.6360

 58.3310, 41.1280,
-7.4800

 249.5280, 15.4080,
-14.9280

 37.9310, 30.8110,
-2.2210

 252.8340, 6.0990,
-5.9090

 17.2430, 21.3650,
3.7730

 0.0000, 0.0000,

0.0000

■ 157.7920, 58.6430,
-11.0290

■ 157.7920, 58.6430,
-11.0290

■ 150.1150, 67.8590,
-12.8530

■ 165.4690, 49.4270,
-9.2050

■ 142.5520, 76.7540,
-14.3660

■ 173.0320, 40.5320,
-7.6920

■ 134.8750, 85.9700,
-16.1900

■ 180.7090, 31.3160,
-5.8680

■ 130.5720, 91.1970,
-17.3070

■ 188.3860, 22.1000,
-4.0440

■ 196.0630, 12.8840,
-2.2200

■ 203.6260, 3.9890,
-0.7070

■ 211.3030, -5.2270,
1.1170

■ 218.9800,
-14.4430, 2.9410

■ 225.9730,
-21.7330, 2.8990

Harmonies

Analogous

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



159.6650, 70.1470, 11.7710



157.7920, 58.6430, -11.0290



154.1810, 31.9620, -28.5980

Triad

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



157.7920, 58.6430, -11.0290



127.8270, -107.7840, -40.0400



164.9280, 1.6440, 36.3000

Complementary

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



157.7920, 58.6430, -11.0290



123.2080, -58.6430, 11.0290

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.



156.9690, -50.3000, 19.5240



157.7920, 58.6430, -11.0290



130.7400, -120.1200, -25.7200

Square

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



157.7920, 58.6430, -11.0290



134.2660, -66.8400, -44.1840



128.8940, -125.9450, -13.7610



163.7510, 41.8070, 40.8070

Rectangle

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



157.7920, 58.6430, -11.0290



151.0900, 7.1130, -35.3110



128.8940, -125.9450, -13.7610



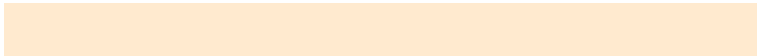
163.9090, -14.5400, 32.2440

Sweetspot

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



157.7920, 58.6430, -11.0290



237.2010, 21.1830, -3.9450



120.6070, 60.0080, 46.8560



116.9490, 13.2050, -2.5310



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.



157.7920, 58.6430, -11.0290



182.1740, 86.5660, -15.9780



189.7450, 38.5210, -42.8470



100.8110, 4.9060, -0.8060



105.9970, 74.0030, -14.0690



25.7600, 18.1110, -3.3370

Inverse Universe

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



123.2080, -58.6430, 11.0290



131.2390, -86.2910, 16.5010



91.2550, -38.5210, 42.8470



98.1890, -4.9060, 0.8060



62.0030, -74.0030, 14.0690



15.2400, -18.1110, 3.3370

Previews

White Background



This preview shows how the YIQ color 157.7920, 58.6430, -11.0290 looks on a white background.

Color Contrast Check

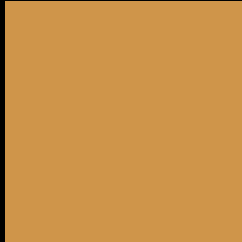
Large Text (above 18pt) WCAG AA × Fail

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 157.7920, 58.6430, -11.0290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

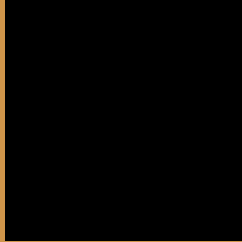
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 157.7920, 58.6430, -11.0290

Background



This preview shows how black text looks on a background with the YIQ color 157.7920, 58.6430, -11.0290.



This preview shows how white text looks on a background with the YIQ color 157.7920, 58.6430, -11.0290.

-11.0290.

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

157.7920, 58.6430, -11.0290

Protanopia

156.6210, 36.7750, -22.2090

Deuteranopia

157.6340, 53.0960, -15.1280



Tritanopia

163.0810, 39.9770, 18.8970

Trichromacy



Original Color

157.7920, 58.6430, -11.0290

Protanomaly

157.4480, 44.7520, -18.0960

Deuteranomaly

157.9440, 55.1590, -13.9690

Tritanomaly

161.0520, 46.9480, 8.1960

Monochromacy



Original Color

157.7920, 58.6430, -11.0290

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

158.0870, 21.5040, -4.2560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.7920, 58.6430, -11.0290 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, 149, 74)` looks like.

```
.text, #text, p{  
    color:rgb(207, 149, 74)  
}
```

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, 149, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 149, 74) }
```

Border

The CSS property to change the border of an element to YIQ 157.7920, 58.6430, -11.0290 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, 149, 74) }
```


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

```
.border{ border-color:rgb(207, 149, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 149, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 149, 74); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 149, 74); box-shadow:4px 4px 4px 4px rgb(207, 149, 74) }
```

Background

The CSS property to change the background color of an element to YIQ 157.7920, 58.6430, -11.0290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 149, 74) }
```

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

```
.background{ background-color: rgb(207,  
149, 74) }
```

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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