

Converting Colors

YIQ(157.0190, 50.5740,
-13.4740)

Have a look what the booklet for
YIQ(157.0190, 50.5740, -13.4740)
contains.

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Color

**YIQ(157.0190, 50.5740,
-13.4740)**

Conversions

Conversions Part 1

Format	Color
Hex	C5984E
RGB	197, 152, 78
RGB Percent	77%, 60%, 31%
CMY	0.2274, 0.4040, 0.6939
CMYK	0.00, 0.23, 0.60, 0.23
HSL	37°, 51%, 54%
HSV	37°, 60%, 77%
XYZ	35.6327, 34.8737, 12.0734
YIQ	157.0190, 50.5740, -13.4740

Conversions

Conversions Part 2

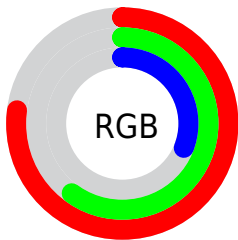
Format	Color
RYB	150, 197, 78
Decimal	12949582
CIELab	65.65, 8.59, 44.69
CIELCh	66, 45.510, 79.122
Yxy	34.8737, 0.4315, 0.4223
Android (android.graphics.Color)	4291139662 (0xFFC5984E)
YUV	157.0190, -38.9564, 35.0633
Hunter-Lab	59.0539, 4.3610, 29.2162

Details

The YIQ color **157.0190, 50.5740, -13.4740** 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 **117.9810, -50.5740, 13.4740**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **211.8730, 53.9210, -13.5590**, and **104.3390, 46.6770, -14.4350** is the 20% darker color. If you saturate the color by 10%, you get **150.6300, 58.9190, -16.0330**, and if you desaturate by 10%, it is **163.4080, 42.2290, -10.9150**.

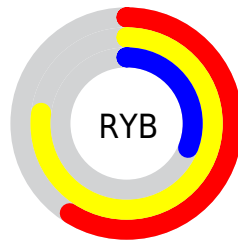
Distribution



Red (77%)

Green (60%)

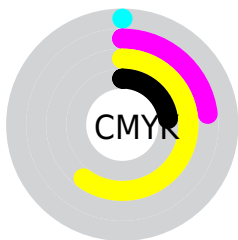
Blue (31%)



Red (59%)

Yellow (77%)

Blue (31%)

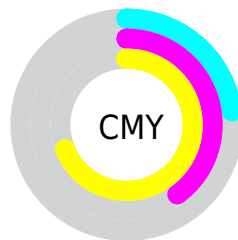


Cyan (0%)

Magenta (23%)

Yellow (60%)

Black (23%)



Cyan (23%)

Magenta (40%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.0190, 50.5740, -13.4740 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 157.0190, 50.5740, -13.4740 by changing the saturation by 10% instead.

■ 157.0190, 50.5740,
-13.4740

■ 157.0190, 50.5740,
-13.4740

■ 255.0000, -0.0000,
-0.0000

■ 130.2360, 48.4650,
-13.7990

■ 211.8730, 53.9210,
-13.5590

■ 104.3390, 46.6770,
-14.4350

■ 231.3870, 37.5540,
-19.8060

■ 78.6870, 45.5770,
-16.5270

■ 246.7920, 23.1120,
-22.3920

■ 57.9990, 36.1310,
-10.5330

■ 249.9840, 14.1240,
-13.6840

■ 37.5990, 25.8140,
-5.2740

■ 253.2900, 4.8150,
-4.6650

■ 18.0960, 17.2850,
0.6210

■ 0.0000, 0.0000,

0.0000

■ 157.0190, 50.5740,
-13.4740

■ 157.0190, 50.5740,
-13.4740

■ 150.6300, 58.9190,
-16.0330

■ 163.4080, 42.2290,
-10.9150

■ 143.7680, 67.2180,
-17.7580

■ 170.2700, 33.9300,
-9.1900

■ 137.3790, 75.5630,
-20.3170

■ 176.6590, 25.5850,
-6.6310

■ 130.5170, 83.8620,
-22.0420

■ 183.6350, 16.9650,
-4.5950

■ 190.0240, 8.6200,
-2.0360

■ 196.8860, 0.3210,
-0.3110

■ 203.2750, -8.0240,
2.2480

■ 210.2510,
-16.6440, 4.2840

■ 216.5260,
-24.6680, 6.5320

Harmonies

Analogous

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



158.9800, 64.6460, 6.8380



157.0190, 50.5740, -13.4740



153.2170, 23.1130, -27.9190

Triad

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



157.0190, 50.5740, -13.4740



126.7500, -108.8850, -36.6050



164.1800, 9.6220, 34.8860

Complementary

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



157.0190, 50.5740, -13.4740



117.9810, -50.5740, 13.4740

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.



159.4500, -35.5370, 21.7990



157.0190, 50.5740, -13.4740



128.9790, -119.2950, -24.1510

Square

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



157.0190, 50.5740, -13.4740



133.6340, -70.6920, -40.4520



139.9150, -94.9070, -3.5710



162.7850, 44.4670, 36.6510

Rectangle

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



157.0190, 50.5740, -13.4740



149.9520, -1.1860, -33.5860



139.9150, -94.9070, -3.5710



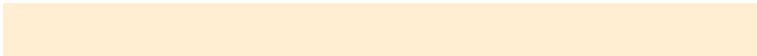
163.4710, -4.4990, 31.9890

Sweetspot

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



157.0190, 50.5740, -13.4740



239.7770, 19.4410, -5.4150



118.8250, 56.1580, 39.5340



118.2370, 12.3340, -3.2660



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.



157.0190, 50.5740, -13.4740



192.9340, 78.3140, -20.6140



179.2480, 29.8550, -39.9770



96.2130, 3.7140, -1.2300



108.0240, 69.3730, -18.2670



23.6780, 15.4060, -3.8740

Inverse Universe

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



117.9810, -50.5740, 13.4740



133.0660, -78.3140, 20.6140



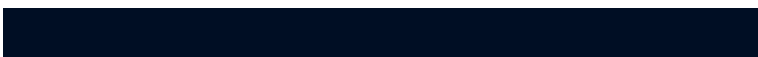
95.7520, -29.8550, 39.9770



92.7870, -3.7140, 1.2300



54.9760, -69.3730, 18.2670



12.3220, -15.4060, 3.8740

Previews

White Background



This preview shows how the YIQ color 157.0190, 50.5740, -13.4740 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 157.0190, 50.5740, -13.4740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

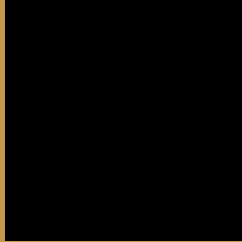
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 157.0190, 50.5740, -13.4740

Background



This preview shows how black text looks on a background with the YIQ color 157.0190, 50.5740, -13.4740.



This preview shows how white text looks on a background with the YIQ color 157.0190, 50.5740, -13.4740.

-13.4740.

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

157.0190, 50.5740, -13.4740

Protanopia

155.7780, 34.8950, -21.1770

Deuteranopia

157.0190, 50.5740, -13.4740



Tritanopia

162.1940, 32.2290, 16.1410

Trichromacy



Original Color

157.0190, 50.5740, -13.4740

Protanomaly

156.2950, 40.8090, -18.2230

Deuteranomaly

157.0190, 50.5740, -13.4740

Tritanomaly

160.1650, 39.2000, 5.4400

Monochromacy



Original Color

157.0190, 50.5740, -13.4740

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

157.0050, 18.7990, -4.7930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.0190, 50.5740, -13.4740 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(197, 152, 78)` looks like.

```
.text, #text, p{  
    color:rgb(197, 152, 78)  
}
```

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(197, 152, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 152, 78) }
```

Border

The CSS property to change the border of an element to YIQ 157.0190, 50.5740, -13.4740 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(197, 152, 78) }
```


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

```
.border{ border-color:rgb(197, 152, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 152, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 152, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 152, 78);  
box-shadow:4px 4px 4px 4px rgb(197, 152,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 157.0190, 50.5740, -13.4740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 152, 78) }
```

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

```
.background{ background-color: rgb(197,  
152, 78) }
```

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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