

Converting Colors

YIQ(165.0860, 57.6350,
-14.7890)

Have a look what the booklet for
YIQ(165.0860, 57.6350, -14.7890)
contains.

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Color

**YIQ(165.0860, 57.6350,
-14.7890)**

Conversions

Conversions Part 1

Format	Color
Hex	D39F4C
RGB	211, 159, 76
RGB Percent	83%, 62%, 30%
CMY	0.1725, 0.3765, 0.7017
CMYK	0.00, 0.25, 0.64, 0.17
HSL	37°, 61%, 56%
HSV	37°, 64%, 83%
XYZ	40.5707, 39.1631, 12.2720
YIQ	165.0860, 57.6350, -14.7890

Conversions

Conversions Part 2

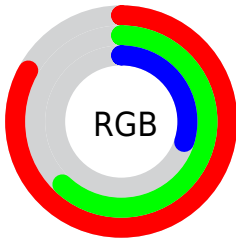
Format	Color
RYB	161, 211, 76
Decimal	13868876
CIELab	68.87, 10.65, 49.72
CIElCh	69, 50.846, 77.907
Yxy	39.1631, 0.4410, 0.4257
Android (android.graphics.Color)	4292058956 (0xFFD39F4C)
YUV	165.0860, -43.9194, 40.2666
Hunter-Lab	62.5804, 6.2051, 32.1795

Details

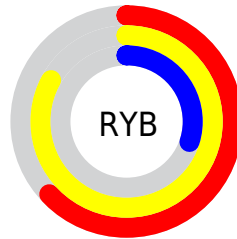
The YIQ color **165.0860, 57.6350, -14.7890** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **121.9140, -57.6350, 14.7890**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **216.4550, 52.0420, -18.0540**, and **111.8790, 53.7840, -16.5840** is the 20% darker color. If you saturate the color by 10%, you get **157.9960, 66.5760, -17.1360**, and if you desaturate by 10%, it is **172.1760, 48.6940, -12.4420**.

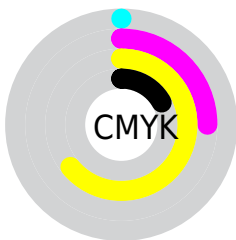
Distribution



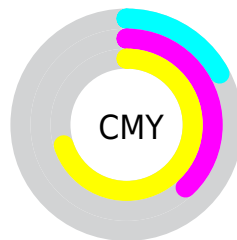
- Red (83%)
- Green (62%)
- Blue (30%)



- Red (63%)
- Yellow (83%)
- Blue (30%)



- Cyan (0%)
- Magenta (25%)
- Yellow (64%)
- Black (17%)





- Cyan (17%)
- Magenta (38%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.0860, 57.6350, -14.7890 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 165.0860, 57.6350, -14.7890 by changing the saturation by 10% instead.


 165.0860, 57.6350,
-14.7890


 165.0860, 57.6350,
-14.7890


255.0000, -0.0000,
-0.0000


 138.3030, 55.5260,
-15.1140


 216.4550, 52.0420,
-18.0540


 111.8790, 53.7840,
-16.5840


 235.9690, 35.6750,
-24.3010


 86.3840, 50.8040,
-17.6440


 246.6780, 23.4330,
-22.7030

 64.8100, 41.0370,
-11.3390

 249.8700, 14.4450,
-13.9950

 43.8230, 30.9950,
-5.5570

 253.1760, 5.1360,
-4.9760

 24.3090, 20.9990,
-0.6090

 4.1860, 8.3440,

2.9680

■ 0.0000, 0.0000,
0.0000

■ 165.0860, 57.6350,
-14.7890

■ 165.0860, 57.6350,
-14.7890

■ 157.9960, 66.5760,
-17.1360

■ 172.1760, 48.6940,
-12.4420

■ 150.9060, 75.5170,
-19.4830

■ 179.2660, 39.7530,
-10.0950

■ 143.8160, 84.4580,
-21.8300

■ 186.3560, 30.8120,
-7.7480

■ 139.3990, 90.0060,
-23.2580

■ 194.0330, 21.5960,
-5.9240

■ 201.2370, 12.3340,
-3.2660

■ 208.3270, 3.3930,
-0.9190

■ 215.4170, -5.5480,
1.4280

■ 222.5070,
-14.4890, 3.7750

■ 228.3430,
-19.8990, 2.7010

Harmonies

Analogous

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



167.2260, 72.7610, 8.4490



165.0860, 57.6350, -14.7890



161.1480, 27.5610, -31.4390

Triad

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



165.0860, 57.6350, -14.7890



134.3470, -115.1200, -39.2480



172.9290, 9.0710, 39.3670

Complementary

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



165.0860, 57.6350, -14.7890



121.9140, -57.6350, 14.7890

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.



166.9100, -42.6440, 23.9480



165.0860, 57.6350, -14.7890



137.1460, -127.1350, -25.2390

Square

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



165.0860, 57.6350, -14.7890



134.2680, -87.5170, -49.4130



133.5560, -130.8050, -13.7890



171.3990, 48.7300, 41.9940

Rectangle

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



165.0860, 57.6350, -14.7890



157.5020, -0.0390, -37.8550



133.5560, -130.8050, -13.7890



172.3230, -6.8380, 35.8340

Sweetspot

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



165.0860, 57.6350, -14.7890



238.3750, 20.6330, -4.9910



122.5210, 63.1260, 45.4140



117.5360, 12.9300, -3.0540



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.



165.0860, 57.6350, -14.7890



188.0440, 83.8160, -21.2080



191.7230, 35.5870, -44.7410



101.3980, 4.6310, -1.3290



110.6930, 71.8030, -18.2530



26.9340, 17.5610, -4.3830

Inverse Universe

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



121.9140, -57.6350, 14.7890



125.3690, -83.5410, 21.7310



95.5760, -34.9910, 44.9530



97.6020, -4.6310, 1.3290



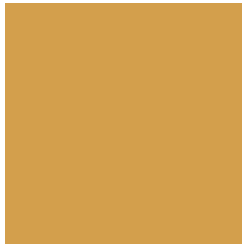
57.3070, -71.8030, 18.2530



14.0660, -17.5610, 4.3830

Previews

White Background



This preview shows how the YIQ color 165.0860, 57.6350, -14.7890 looks on a white background.

Color Contrast Check

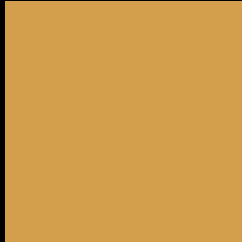
Large Text (above 18pt) WCAG AA × Fail

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 165.0860, 57.6350, -14.7890 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 165.0860, 57.6350, -14.7890

Background



This preview shows how black text looks on a background with the YIQ color 165.0860, 57.6350, -14.7890.



This preview shows how white text looks on a background with the YIQ color 165.0860, 57.6350, -14.7890.

-14.7890.

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

165.0860, 57.6350, -14.7890

Protanopia

164.1220, 39.6180, -24.1740

Deuteranopia

164.7760, 55.5720, -15.9480



Tritanopia

171.2870, 36.4010, 17.6250

Trichromacy



Original Color

165.0860, 57.6350, -14.7890

Protanomaly

164.3510, 46.4030, -20.4850

Deuteranomaly

165.0750, 56.1680, -15.7360

Tritanomaly

168.9160, 44.3350, 5.9910

Monochromacy



Original Color

165.0860, 57.6350, -14.7890

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.2610, 20.9540, -5.3020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.0860, 57.6350, -14.7890 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(211, 159, 76)` looks like.

```
.text, #text, p{  
    color:rgb(211, 159, 76)  
}
```

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(211, 159, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 159, 76) }
```

Border

The CSS property to change the border of an element to YIQ 165.0860, 57.6350, -14.7890 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(211, 159, 76) }
```


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

```
.border{ border-color:rgb(211, 159, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 159, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 159, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 159, 76);  
box-shadow:4px 4px 4px 4px rgb(211, 159,  
76) }
```

Background

The CSS property to change the background color of an element to YIQ 165.0860, 57.6350, -14.7890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 159, 76) }
```

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

```
.background{ background-color: rgb(211,  
159, 76) }
```

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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