

Converting Colors

YIQ(169.8460, 65.4370,
-57.0830)

Have a look what the booklet for
YIQ(169.8460, 65.4370, -57.0830)
contains.

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Color

**YIQ(169.8460, 65.4370,
-57.0830)**

Conversions

Conversions Part 1

Format	Color
Hex	C5BD00
RGB	197, 189, 0
RGB Percent	77%, 74%, 0%
CMY	0.2276, 0.2588, 0.9995
CMYK	0.00, 0.04, 1.00, 0.23
HSL	58°, 100%, 39%
HSV	58°, 100%, 77%
XYZ	41.2167, 48.2607, 7.1459
YIQ	169.8460, 65.4370, -57.0830

Conversions

Conversions Part 2

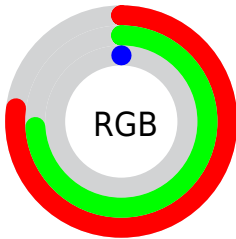
Format	Color
R _Y B	8, 197, 0
Decimal	12958976
CIE Lab	74.99, -13.74, 76.20
CIE LCh	75, 77.433, 100.220
Yxy	48.2607, 0.4266, 0.4995
Android (android.graphics.Color)	4291149056 (0xFFC5BD00)
YUV	169.8460, -83.7341, 23.8141
Hunter-Lab	69.4699, -15.6677, 42.5302

Details

The YIQ color **169.8460, 65.4370, -57.0830** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed orange. A complement of this color would be **27.1540, -65.4370, 57.0830**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.4080, 58.2830, -48.5730**, and **121.0940, 44.8480, -41.8720** is the 20% darker color. If you saturate the color by 10%, you get **169.8460, 65.4370, -57.0830**, and if you desaturate by 10%, it is **172.7130, 58.7420, -51.3860**.

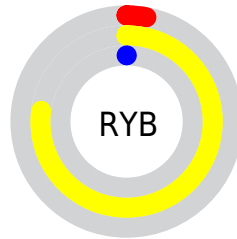
Distribution



Red (77%)

Green (74%)

Blue (0%)



Red (3%)

Yellow (77%)

Blue (0%)

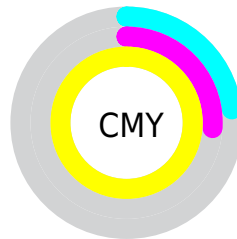


Cyan (0%)

Magenta (4%)

Yellow (100%)

Black (23%)



Cyan (23%)

Magenta (26%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 169.8460, 65.4370, -57.0830 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 169.8460, 65.4370, -57.0830 by changing the saturation by 10% instead.

■ 169.8460, 65.4370,
-57.0830

■ 169.8460, 65.4370,
-57.0830

■ 255.0000, -0.0000,
-0.0000

■ 145.0270, 54.9820,
-49.3220

■ 229.4080, 58.2830,
-48.5730

■ 121.0940, 44.8480,
-41.8720

■ 238.5840, 46.2240,
-44.7840

■ 98.0470, 35.0350,
-34.7330

■ 241.7760, 37.2360,
-36.0760

■ 75.5870, 24.9470,
-28.1170

■ 245.0820, 27.9270,
-27.0570

■ 54.0130, 15.1800,
-21.8120

■ 248.3880, 18.6180,
-18.0380

■ 33.6240, 6.3300,
-15.6060

■ 251.6940, 9.3090,

■ 13.5010, -6.3250,

-9.0190

-12.0290

■ 0.0000, 0.0000,
0.0000

■ 169.8460, 65.4370,
-57.0830

■ 172.7130, 58.7420,
-51.3860

■ 175.5800, 52.0470,
-45.6890

■ 177.7460, 45.9480,
-39.7800

■ 180.6130, 39.2530,
-34.0830

■ 183.4800, 32.5580,
-28.3860

■ 186.2330, 26.1840,
-23.0000

■ 189.1000, 19.4890,
-17.3030

■ 191.3800, 13.0690,
-11.0830

■ 194.1330, 6.6950,
-5.6970

Harmonies

Analogous

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



176.6170, 95.3240, -20.5160



169.8460, 65.4370, -57.0830



163.6140, -7.1870, -62.5070

Triad

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



169.8460, 65.4370, -57.0830



155.2750, -140.9800, -33.1400



175.2360, 42.7200, 62.8160

Complementary

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



169.8460, 65.4370, -57.0830



27.1540, -65.4370, 57.0830

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.



184.9490, 6.3190, 45.1910



169.8460, 65.4370, -57.0830



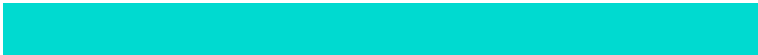
149.4050, -138.2300, -27.9100

Square

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



169.8460, 65.4370, -57.0830



151.6780, -126.7180, -49.3260



155.9040, -96.3740, -4.5180



161.1580, 68.5820, 45.6540

Rectangle

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



169.8460, 65.4370, -57.0830



136.9840, -93.6100, -76.6660



155.9040, -96.3740, -4.5180



183.3860, 33.5500, 63.8060

Sweetspot

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



169.8460, 65.4370, -57.0830



244.5750, 25.2210, -22.0670



60.0430, 114.2020, 44.8740



121.5820, 15.3160, -13.2600



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.



169.8460, 65.4370, -57.0830



220.0600, 84.6050, -74.0750



147.9310, 10.1930, -80.1350



97.9740, 2.8890, -2.7990



140.8960, 53.9730, -47.5550



30.7220, 12.1060, -10.1500

Inverse Universe

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



27.1540, -65.4370, 57.0830



34.9400, -84.6050, 74.0750



49.0690, -10.1930, 80.1350



91.0260, -2.8890, 2.7990



22.6910, -54.2480, 47.0320



4.6910, -11.8310, 10.6730

Previews

White Background



This preview shows how the YIQ color 169.8460, 65.4370, -57.0830 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 169.8460, 65.4370, -57.0830 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 169.8460, 65.4370, -57.0830

Background



This preview shows how black text looks on a background with the YIQ color 169.8460, 65.4370, -57.0830.



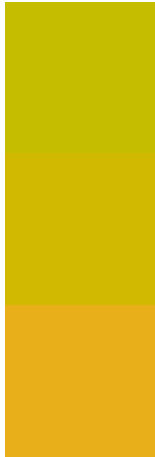
This preview shows how white text looks on a background with the YIQ color 169.8460, 65.4370,

-57.0830.

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

169.8460, 65.4370, -57.0830

Protanopia

170.7870, 73.0930, -52.6590

Deuteranopia

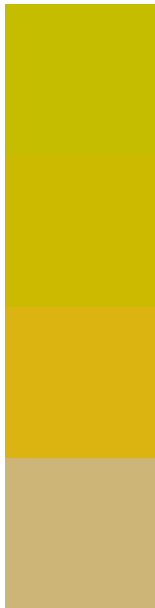
175.4700, 82.0760, -33.7320



Tritanopia

187.3490, 15.4950, 11.0390

Trichromacy



Original Color

169.8460, 65.4370, -57.0830

Protanomaly

170.1780, 70.4340, -54.0300

Deuteranomaly

173.3780, 76.1630, -42.2130

Tritanomaly

181.2220, 33.8850, -13.8830

Monochromacy



Original Color

169.8460, 65.4370, -57.0830

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.0310, 23.9370, -20.8230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.8460, 65.4370, -57.0830 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, 189, 0)` looks like.

```
.text, #text, p{  
    color:rgb(197, 189, 0)  
}
```

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, 189, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 189, 0) }
```

Border

The CSS property to change the border of an element to YIQ 169.8460, 65.4370, -57.0830 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, 189, 0) }
```


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

```
.border{ border-color:rgb(197, 189, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 189, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 189, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 189, 0);  
box-shadow:4px 4px 4px 4px rgb(197, 189,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 169.8460, 65.4370, -57.0830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 189, 0) }
```

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

```
.background{ background-color: rgb(197,  
189, 0) }
```

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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