

Converting Colors

YIQ(169.9290, 58.3740,
-44.7140)

Have a look what the booklet for
YIQ(169.9290, 58.3740, -44.7140)
contains.

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Color

**YIQ(169.9290, 58.3740,
-44.7140)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B71D
RGB	198, 183, 29
RGB Percent	78%, 72%, 11%
CMY	0.2236, 0.2824, 0.8859
CMYK	0.00, 0.08, 0.85, 0.22
HSL	55°, 74%, 45%
HSV	55°, 85%, 78%
XYZ	40.4396, 45.9570, 7.9074
YIQ	169.9290, 58.3740, -44.7140

Conversions

Conversions Part 2

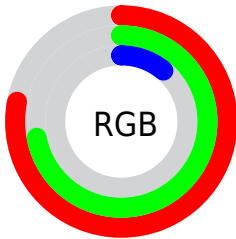
Format	Color
RYB	45, 198, 29
Decimal	13023005
CIELab	73.52, -9.79, 70.90
CIELCh	74, 71.571, 97.862
Yxy	45.9570, 0.4288, 0.4873
Android (android.graphics.Color)	4291213085 (0xFFC6B71D)
YUV	169.9290, -69.4780, 24.6183
Hunter-Lab	67.7916, -12.1550, 40.5384

Details

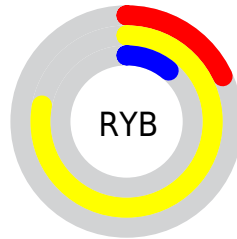
The YIQ color **169.9290, 58.3740, -44.7140** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **57.0710, -58.3740, 44.7140**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.0260, 56.7230, -42.3250**, and **118.1700, 47.6900, -38.3100** is the 20% darker color. If you saturate the color by 10%, you get **166.4750, 65.3440, -49.8880**, and if you desaturate by 10%, it is **173.3830, 51.4040, -39.5400**.

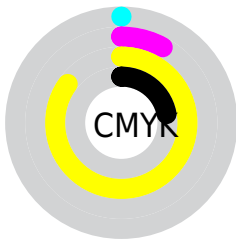
Distribution



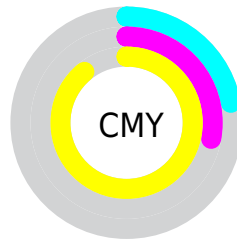
- Red (78%)
- Green (72%)
- Blue (11%)



- Red (18%)
- Yellow (78%)
- Blue (11%)



- Cyan (0%)
- Magenta (8%)
- Yellow (85%)
- Black (22%)



- Cyan (22%)
- Magenta (28%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 169.9290, 58.3740, -44.7140 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 169.9290, 58.3740, -44.7140 by changing the saturation by 10% instead.

■ 169.9290, 58.3740,
-44.7140

■ 169.9290, 58.3740,
-44.7140

■ 255.0000, -0.0000,
-0.0000

■ 142.1030, 57.8240,
-45.7600

■ 227.0260, 56.7230,
-42.3250

■ 118.1700, 47.6900,
-38.3100

■ 239.6100, 43.3350,
-41.9850

■ 95.7100, 37.6020,
-31.6940

■ 242.8020, 34.3470,
-33.2770

■ 73.2500, 27.5140,
-25.0780

■ 245.9940, 25.3590,
-24.5690

■ 51.6760, 17.7470,
-18.7730

■ 249.3000, 16.0500,
-15.5500

■ 31.8740, 8.6220,
-13.0900

■ 252.6060, 6.7410,

■ 10.5660, -4.9500,

-6.5310

-9.4140

■ 0.0000, 0.0000,
0.0000

■ 169.9290, 58.3740,
-44.7140

■ 169.9290, 58.3740,
-44.7140

■ 166.4750, 65.3440,
-49.8880

■ 173.3830, 51.4040,
-39.5400

■ 164.8620, 68.5080,
-52.1640

■ 176.8370, 44.4340,
-34.3660

■ 179.5900, 38.0600,
-28.9800

■ 183.0440, 31.0900,
-23.8060

■ 186.4980, 24.1200,
-18.6320

■ 189.9520, 17.1500,
-13.4580

■ 192.8190, 10.4550,
-7.7610

■ 196.1590, 3.8060,
-2.8980

■ 199.6130, -3.1640,
2.2760

Harmonies

Analogous

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



174.9080, 90.3710, -13.3490



169.9290, 58.3740, -44.7140



162.8370, -0.2650, -55.7930

Triad

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



169.9290, 58.3740, -44.7140



152.3400, -139.6050, -30.5250



177.7150, 42.6290, 58.9570

Complementary

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



169.9290, 58.3740, -44.7140



57.0710, -58.3740, 44.7140

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.



181.9370, -2.5750, 41.1770



169.9290, 58.3740, -44.7140



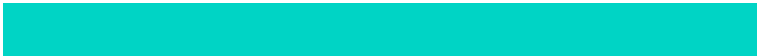
147.0570, -137.1300, -25.8180

Square

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



169.9290, 58.3740, -44.7140



146.9020, -121.5370, -49.6090



153.5450, -96.7410, -3.3730



163.8480, 66.5190, 44.4950

Rectangle

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



169.9290, 58.3740, -44.7140



148.6680, -60.0050, -63.4370



153.5450, -96.7410, -3.3730



184.6910, 34.0090, 60.9930

Sweetspot

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



169.9290, 58.3740, -44.7140



243.9540, 22.8360, -17.3880



81.4690, 95.2670, 41.1150



121.0920, 13.9400, -10.3480



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.



169.9290, 58.3740, -44.7140



212.4290, 88.1800, -67.2760



158.4020, 13.7210, -66.9750



97.9740, 2.8890, -2.7990



136.2000, 56.1730, -43.3710



30.1350, 12.3810, -9.6270

Inverse Universe

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



57.0710, -58.3740, 44.7140



42.5710, -88.1800, 67.2760



68.5980, -13.7210, 66.9750



91.0260, -2.8890, 2.7990



26.8000, -56.1730, 43.3710



5.8650, -12.3810, 9.6270

Previews

White Background



This preview shows how the YIQ color 169.9290, 58.3740, -44.7140 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 169.9290, 58.3740, -44.7140 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 169.9290, 58.3740, -44.7140

Background



This preview shows how black text looks on a background with the YIQ color 169.9290, 58.3740, -44.7140.

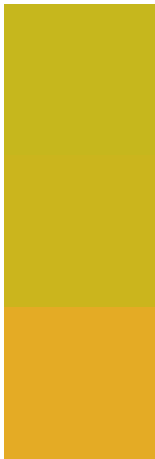


This preview shows how white text looks on a background with the YIQ color 169.9290, 58.3740,

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

169.9290, 58.3740, -44.7140

Protanopia

170.2500, 61.9040, -42.6080

Deuteranopia

172.7670, 76.9860, -29.5900



Tritanopia

183.2570, 18.7500, 12.6220

Trichromacy



Original Color

169.9290, 58.3740, -44.7140

Protanomaly

170.2390, 60.4370, -43.5550

Deuteranomaly

171.4840, 70.2930, -34.9470

Tritanomaly

178.6120, 32.9670, -8.2570

Monochromacy



Original Color

169.9290, 58.3740, -44.7140

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.1110, 20.9560, -16.3560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.9290, 58.3740, -44.7140 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(198, 183, 29)` looks like.

```
.text, #text, p{  
    color:rgb(198, 183, 29)  
}
```

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(198, 183, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 183, 29) }
```

Border

The CSS property to change the border of an element to YIQ 169.9290, 58.3740, -44.7140 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(198, 183, 29) }
```


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

```
.border{ border-color:rgb(198, 183, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 183, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 183, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 183, 29);  
box-shadow:4px 4px 4px 4px rgb(198, 183,  
29) }
```

Background

The CSS property to change the background color of an element to YIQ 169.9290, 58.3740, -44.7140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 183, 29) }
```

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

```
.background{ background-color: rgb(198,  
183, 29) }
```

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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