

Converting Colors

YIQ(177.1980, 50.4870,
-39.4410)

Have a look what the booklet for
YIQ(177.1980, 50.4870, -39.4410)
contains.

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Color

**YIQ(177.1980, 50.4870,
-39.4410)**

Conversions

Conversions Part 1

Format	Color
Hex	C9BD36
RGB	201, 189, 54
RGB Percent	79%, 74%, 21%
CMY	0.2118, 0.2588, 0.7879
CMYK	0.00, 0.06, 0.73, 0.21
HSL	55°, 58%, 50%
HSV	55°, 73%, 79%
XYZ	42.9477, 49.0755, 10.7085
YIQ	177.1980, 50.4870, -39.4410

Conversions

Conversions Part 2

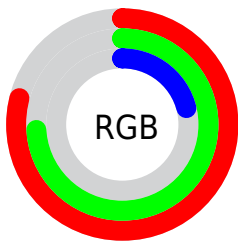
Format	Color
RYB	67, 201, 54
Decimal	13221174
CIELab	75.50, -10.71, 65.44
CIELCh	75, 66.308, 99.293
Yxy	49.0755, 0.4181, 0.4777
Android (android.graphics.Color)	4291411254 (0xFFC9BD36)
YUV	177.1980, -60.7366, 20.8744
Hunter-Lab	70.0539, -13.1619, 39.9746

Details

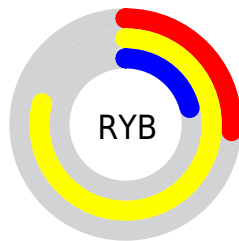
The YIQ color **177.1980, 50.4870, -39.4410** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted orange. A complement of this color would be **77.8020, -50.4870, 39.4410**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.6000, 49.2950, -39.8650**, and **122.5890, 47.8280, -40.8120** is the 20% darker color. If you saturate the color by 10%, you get **173.7440, 57.4570, -44.6150**, and if you desaturate by 10%, it is **180.6520, 43.5170, -34.2670**.

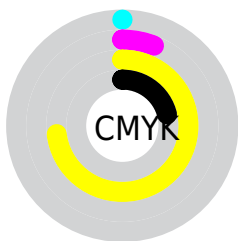
Distribution



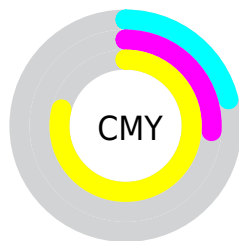
- Red (79%)
- Green (74%)
- Blue (21%)



- Red (26%)
- Yellow (79%)
- Blue (21%)



- Cyan (0%)
- Magenta (6%)
- Yellow (73%)
- Black (21%)



- Cyan (21%)
- Magenta (26%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.1980, 50.4870, -39.4410 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 177.1980, 50.4870, -39.4410 by changing the saturation by 10% instead.

■ 177.1980, 50.4870,
-39.4410

■ 177.1980, 50.4870,
-39.4410

■ 255.0000, -0.0000,
-0.0000

■ 148.8020, 51.5420,
-42.0420

■ 232.6000, 49.2950,
-39.8650

■ 122.5890, 47.8280,
-40.8120

■ 241.6620, 37.5570,
-36.3870

■ 99.5420, 38.0150,
-33.6730

■ 244.8540, 28.5690,
-27.6790

■ 77.3810, 28.5230,
-26.8450

■ 248.0460, 19.5810,
-18.9710

■ 55.8070, 18.7560,
-20.5400

■ 251.3520, 10.2720,
-9.9520

■ 35.4180, 9.9060,
-14.3340

■ 254.6580, 0.9630,

■ 14.3980, -4.5370,

-0.9330

-11.3930

■ 0.0000, 0.0000,
0.0000

■ 177.1980, 50.4870,
-39.4410

■ 177.1980, 50.4870,
-39.4410

■ 173.7440, 57.4570,
-44.6150

■ 180.6520, 43.5170,
-34.2670

■ 170.8770, 64.1520,
-50.3120

■ 183.5190, 36.8220,
-28.5700

■ 168.6940, 68.9210,
-54.1430

■ 186.9730, 29.8520,
-23.3960

■ 190.4270, 22.8820,
-18.2220

■ 193.4080, 15.8660,
-12.2140

■ 196.8620, 8.8960,
-7.0400

■ 199.7290, 2.2010,
-1.3430

■ 203.1830, -4.7690,
3.8310

■ 206.6370,
-11.7390, 9.0050

Harmonies

Analogous

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



181.4280, 83.0350, -12.5570



177.1980, 50.4870, -39.4410



169.8030, -2.9250, -51.6370

Triad

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



177.1980, 50.4870, -39.4410



154.1010, -140.4300, -32.0940



183.5850, 39.8790, 53.7270

Complementary

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



177.1980, 50.4870, -39.4410



77.8020, -50.4870, 39.4410

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.



188.1500, 1.1390, 39.9470



177.1980, 50.4870, -39.4410



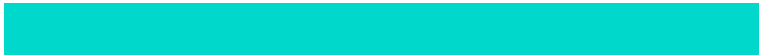
148.8180, -137.9550, -27.3870

Square

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



177.1980, 50.4870, -39.4410



150.0480, -124.8840, -49.5240



168.4510, -72.8090, 3.4390



171.8210, 61.9810, 38.6290

Rectangle

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



177.1980, 50.4870, -39.4410



158.8800, -54.5500, -57.6700



168.4510, -72.8090, 3.4390



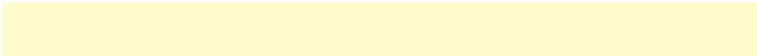
189.7460, 32.1760, 55.6640

Sweetspot

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



177.1980, 50.4870, -39.4410



245.6810, 19.3510, -14.8010



99.3210, 83.7600, 34.8960



122.3630, 11.7390, -9.0050



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.



177.1980, 50.4870, -39.4410



218.8980, 76.8540, -60.2500



166.0030, 10.8310, -58.6490



97.9740, 2.8890, -2.7990



136.7870, 55.8980, -43.8940



30.1350, 12.3810, -9.6270

Inverse Universe

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



77.8020, -50.4870, 39.4410



67.1020, -76.8540, 60.2500



88.9970, -10.8310, 58.6490



91.0260, -2.8890, 2.7990



26.2130, -55.8980, 43.8940



5.8650, -12.3810, 9.6270

Previews

White Background



This preview shows how the YIQ color 177.1980, 50.4870, -39.4410 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 177.1980, 50.4870, -39.4410 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 177.1980, 50.4870, -39.4410

Background



This preview shows how black text looks on a background with the YIQ color 177.1980, 50.4870, -39.4410.



This preview shows how white text looks on a background with the YIQ color 177.1980, 50.4870, -39.4410.

-39.4410.

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

177.1980, 50.4870, -39.4410

Protanopia

177.7150, 56.4010, -36.4870

Deuteranopia

180.2920, 71.2540, -24.8260



Tritanopia

188.3600, 16.9620, 11.9860

Trichromacy



Original Color

177.1980, 50.4870, -39.4410

Protanomaly

177.4050, 54.3380, -37.6460

Deuteranomaly

178.8240, 63.6440, -30.0840

Tritanomaly

184.5130, 28.9320, -6.7160

Monochromacy



Original Color

177.1980, 50.4870, -39.4410

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

176.9090, 18.7090, -14.1790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.1980, 50.4870, -39.4410 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(201, 189, 54)` looks like.

```
.text, #text, p{  
    color:rgb(201, 189, 54)  
}
```

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(201, 189, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 189, 54) }
```

Border

The CSS property to change the border of an element to YIQ 177.1980, 50.4870, -39.4410 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(201, 189, 54) }
```


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

```
.border{ border-color:rgb(201, 189, 54) }
```

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

Here you see how a box with a 4 pixel rgb(201, 189, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 189, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 189, 54);  
box-shadow:4px 4px 4px 4px rgb(201, 189,  
54) }
```

Background

The CSS property to change the background color of an element to YIQ 177.1980, 50.4870, -39.4410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 189, 54) }
```

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

```
.background{ background-color: rgb(201,  
189, 54) }
```

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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