

Converting Colors

YIQ(176.7320, 57.7310,
-38.5650)

Have a look what the booklet for
YIQ(176.7320, 57.7310, -38.5650)
contains.

YIQ(176.7320, 57.7310, -38.5650)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(176.7320, 57.7310,
-38.5650)**

Conversions

Conversions Part 1

Format	Color
Hex	D0BA2F
RGB	208, 186, 47
RGB Percent	82%, 73%, 18%
CMY	0.1844, 0.2706, 0.8153
CMYK	0.00, 0.11, 0.77, 0.18
HSL	52°, 63%, 50%
HSV	52°, 77%, 82%
XYZ	44.0817, 48.7283, 9.7806
YIQ	176.7320, 57.7310, -38.5650

Conversions

Conversions Part 2

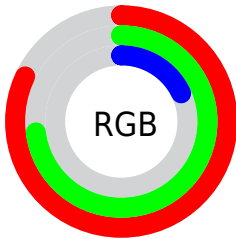
Format	Color
R_{YB}	72, 208, 47
Decimal	13679151
CIE _{Lab}	75.28, -6.43, 67.81
CIE _{LCh}	75, 68.116, 95.415
Yxy	48.7283, 0.4297, 0.4750
Android (android.graphics.Color)	4291869231 (0xFFD0BA2F)
YUV	176.7320, -63.9579, 27.4220
Hunter-Lab	69.8057, -9.4387, 40.5568

Details

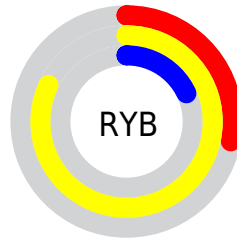
The YIQ color **176.7320, 57.7310, -38.5650** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **78.2680, -57.7310, 38.5650**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **230.1550, 52.0460, -40.1620**, and **122.9210, 52.8250, -37.7590** is the 20% darker color. If you saturate the color by 10%, you get **172.5770, 65.2970, -43.5270**, and if you desaturate by 10%, it is **180.8870, 50.1650, -33.6030**.

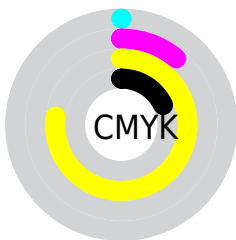
Distribution



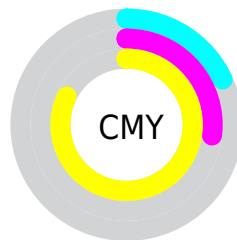
- Red (82%)
- Green (73%)
- Blue (18%)



- Red (28%)
- Yellow (82%)
- Blue (18%)



- Cyan (0%)
- Magenta (11%)
- Yellow (77%)
- Black (18%)





- Cyan (18%)
- Magenta (27%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 176.7320, 57.7310, -38.5650 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 176.7320, 57.7310, -38.5650 by changing the saturation by 10% instead.


 176.7320, 57.7310,
-38.5650


 176.7320, 57.7310,
-38.5650


255.0000, -0.0000,
-0.0000


 147.1250, 60.7580,
-43.8660


 230.1550, 52.0460,
-40.1620


 122.6220, 52.2290,
-37.9710


 240.9780, 39.4830,
-38.2530


 99.5750, 42.4160,
-30.8320


 244.1700, 30.4950,
-29.5450

 77.4140, 32.9240,
-24.0040

 247.3620, 21.5070,
-20.8370

 55.5410, 22.5610,
-17.9110

 250.6680, 12.1980,
-11.8180

 35.7390, 13.4360,
-12.2280

 254.0880, 2.5680,

 15.6270, 2.2480,

-2.4880

-7.7040

■ 0.0000, 0.0000,
0.0000

■ 176.7320, 57.7310,
-38.5650

■ 176.7320, 57.7310,
-38.5650

■ 172.5770, 65.2970,
-43.5270

■ 180.8870, 50.1650,
-33.6030

■ 168.4220, 72.8630,
-48.4890

■ 185.0420, 42.5990,
-28.6410

■ 167.8520, 74.4680,
-50.0440

■ 189.0830, 35.3540,
-23.9900

■ 192.6510, 28.0630,
-18.5050

■ 196.8060, 20.4970,
-13.5430

■ 200.9610, 12.9310,
-8.5810

■ 205.1160, 5.3650,
-3.6190

■ 209.1570, -1.8800,
1.0320

■ 213.3120, -9.4460,
5.9940

Harmonies

Analogous

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



179.6780, 85.3270, -10.0410



176.7320, 57.7310, -38.5650



169.6960, 4.6860, -51.9060

Triad

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



176.7320, 57.7310, -38.5650



154.6880, -140.7050, -32.6170



184.4970, 37.3110, 56.2150

Complementary

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



176.7320, 57.7310, -38.5650



78.2680, -57.7310, 38.5650

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.



186.0350, -5.9670, 36.5690



176.7320, 57.7310, -38.5650



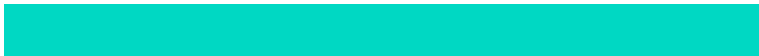
149.9920, -138.5050, -28.4330

Square

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



176.7320, 57.7310, -38.5650



149.0220, -121.9950, -52.3230



159.1490, -95.6860, -5.9740



170.3850, 60.5130, 43.2090

Rectangle

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



176.7320, 57.7310, -38.5650



159.8550, -44.2340, -57.4020



159.1490, -95.6860, -5.9740



190.4190, 28.7830, 56.5830

Sweetspot

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



176.7320, 57.7310, -38.5650



243.5780, 21.1390, -14.1650



97.8750, 88.2520, 41.5960



120.9610, 12.9310, -8.5810



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.



176.7320, 57.7310, -38.5650



209.1980, 84.8770, -56.9710



172.9020, 18.3050, -61.9430



102.5720, 4.0810, -2.3750



135.3470, 60.2530, -40.2190



32.8040, 14.8110, -9.6130

Inverse Universe

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



78.2680, -57.7310, 38.5650



63.8020, -84.8770, 56.9710



82.0980, -18.3050, 61.9430



96.4280, -4.0810, 2.3750



32.6530, -60.2530, 40.2190



8.1960, -14.8110, 9.6130

Previews

White Background



This preview shows how the YIQ color 176.7320, 57.7310, -38.5650 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 176.7320, 57.7310, -38.5650 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 176.7320, 57.7310, -38.5650

Background



This preview shows how black text looks on a background with the YIQ color 176.7320, 57.7310, -38.5650.



This preview shows how white text looks on a background with the YIQ color 176.7320, 57.7310,

-38.5650.

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

176.7320, 57.7310, -38.5650

Protanopia

176.7320, 57.7310, -38.5650

Deuteranopia

178.9070, 73.7760, -26.4800



Tritanopia

188.0510, 22.3260, 13.8940

Trichromacy



Original Color

176.7320, 57.7310, -38.5650

Protanomaly

176.7320, 57.7310, -38.5650

Deuteranomaly

178.3360, 67.9540, -31.1020

Tritanomaly

183.9760, 34.9380, -5.4300

Monochromacy



Original Color

176.7320, 57.7310, -38.5650

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

176.6920, 20.8180, -13.8540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.7320, 57.7310, -38.5650 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(208, 186, 47)` looks like.

```
.text, #text, p{  
    color:rgb(208, 186, 47)  
}
```

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(208, 186, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 186, 47) }
```

Border

The CSS property to change the border of an element to YIQ 176.7320, 57.7310, -38.5650 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(208, 186, 47) }
```


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

```
.border{ border-color:rgb(208, 186, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 186, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 186, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 186, 47);  
box-shadow:4px 4px 4px 4px rgb(208, 186,  
47) }
```

Background

The CSS property to change the background color of an element to YIQ 176.7320, 57.7310, -38.5650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 186, 47) }
```

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

```
.background{ background-color: rgb(208,  
186, 47) }
```

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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