

Converting Colors

YIQ(178.6540, 57.2300,
-57.0260)

Have a look what the booklet for
YIQ(178.6540, 57.2300, -57.0260)
contains.

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Color

**YIQ(178.6540, 57.2300,
-57.0260)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C812
RGB	198, 200, 18
RGB Percent	78%, 78%, 7%
CMY	0.2237, 0.2157, 0.9290
CMYK	0.01, 0.00, 0.91, 0.22
HSL	61°, 83%, 43%
HSV	61°, 91%, 78%
XYZ	44.0451, 53.3544, 8.5533
YIQ	178.6540, 57.2300, -57.0260

Conversions

Conversions Part 2

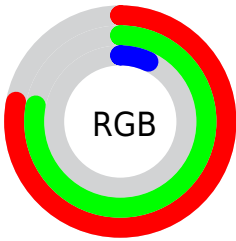
Format	Color
RYB	18, 200, 20
Decimal	13027346
CIELab	78.08, -18.61, 76.56
CIELCh	78, 78.788, 103.664
Yxy	53.3544, 0.4157, 0.5036
Android (android.graphics.Color)	4291217426 (0xFFC6C812)
YUV	178.6540, -79.2024, 16.9664
Hunter-Lab	73.0441, -20.1929, 44.1881

Details

The YIQ color **178.6540, 57.2300, -57.0260** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **39.3460, -57.2300, 57.0260**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.0760, 53.2860, -51.6260**, and **127.5620, 43.2900, -46.6780** is the 20% darker color. If you saturate the color by 10%, you get **176.6020, 63.0080, -62.6240**, and if you desaturate by 10%, it is **180.9340, 50.8100, -50.8060**.

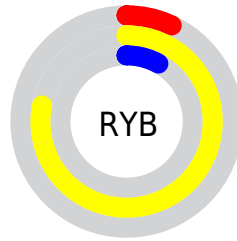
Distribution



Red (78%)

Green (78%)

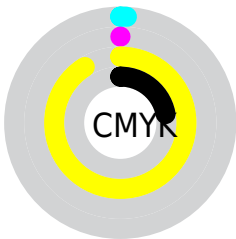
Blue (7%)



Red (7%)

Yellow (78%)

Blue (8%)

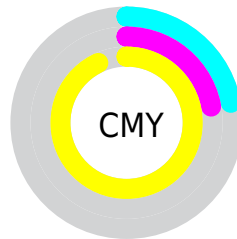


Cyan (1%)

Magenta (0%)

Yellow (91%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.6540, 57.2300, -57.0260 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 178.6540, 57.2300, -57.0260 by changing the saturation by 10% instead.

■ 178.6540, 57.2300,
-57.0260

■ 178.6540, 57.2300,
-57.0260

■ 255.0000, -0.0000,
-0.0000

■ 152.0820, 53.1490,
-54.6510

■ 236.0760, 53.2860,
-51.6260

■ 127.5620, 43.2900,
-46.6780

■ 239.3820, 43.9770,
-42.6070

■ 104.2160, 32.8810,
-39.7510

■ 242.6880, 34.6680,
-33.5880

■ 81.1690, 23.0680,
-32.6120

■ 245.9940, 25.3590,
-24.5690

■ 59.5950, 13.3010,
-26.3070

■ 249.3000, 16.0500,
-15.5500

■ 38.3200, 4.1300,
-19.7900

■ 252.6060, 6.7410,

■ 17.6100, -8.2500,

-6.5310

-15.6900

■ 0.0000, 0.0000,
0.0000

■ 178.6540, 57.2300,
-57.0260

■ 178.6540, 57.2300,
-57.0260

■ 176.6020, 63.0080,
-62.6240

■ 180.9340, 50.8100,
-50.8060

■ 183.2140, 44.3900,
-44.5860

■ 185.7930, 38.5660,
-38.1540

■ 188.0730, 32.1460,
-31.9340

■ 190.3530, 25.7260,
-25.7140

■ 192.6330, 19.3060,
-19.4940

■ 195.2120, 13.4820,
-13.0620

■ 197.4920, 7.0620,
-6.8420

■ 199.7720, 0.6420,
-0.6220

Harmonies

Analogous

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



183.0740, 92.2990, -26.2690



178.6540, 57.2300, -57.0260



169.7700, -16.4940, -64.5420

Triad

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



178.6540, 57.2300, -57.0260



160.5580, -143.4550, -37.8470



178.2850, 41.0240, 60.5120

Complementary

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



178.6540, 57.2300, -57.0260



39.3460, -57.2300, 57.0260

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.



193.2770, 17.1390, 47.3390



178.6540, 57.2300, -57.0260



153.5140, -140.1550, -31.5710

Square

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



178.6540, 57.2300, -57.0260



159.0130, -134.9710, -48.4350



171.3970, -72.7170, 1.7710



165.8540, 66.3820, 41.4700

Rectangle

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



178.6540, 57.2300, -57.0260



145.1510, -101.4500, -77.7540



171.3970, -72.7170, 1.7710



185.7340, 32.4500, 61.7140

Sweetspot

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



178.6540, 57.2300, -57.0260



246.8350, 21.5530, -21.6710



72.4180, 108.4720, 38.5840



123.0270, 12.5650, -12.9630



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.



178.6540, 57.2300, -57.0260



225.0330, 80.0670, -79.9410



152.0430, 4.1860, -75.8940



97.9740, 2.8890, -2.7990



143.8200, 51.1310, -51.1170



31.5970, 10.9600, -11.4080

Inverse Universe

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



39.3460, -57.2300, 57.0260



29.9670, -80.0670, 79.9410



65.9570, -4.1860, 75.8940



91.0260, -2.8890, 2.7990



19.1800, -51.1310, 51.1170



4.1040, -11.5560, 11.1960

Previews

White Background



This preview shows how the YIQ color 178.6540, 57.2300, -57.0260 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 178.6540, 57.2300, -57.0260 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 178.6540, 57.2300, -57.0260

Background



This preview shows how black text looks on a background with the YIQ color 178.6540, 57.2300, -57.0260.



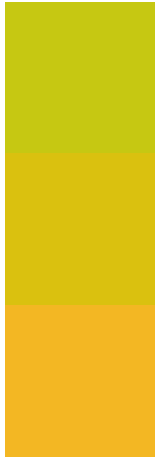
This preview shows how white text looks on a background with the YIQ color 178.6540, 57.2300, -57.0260.

-57.0260.

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

178.6540, 57.2300, -57.0260

Protanopia

180.1830, 72.0380, -50.0580

Deuteranopia

184.0680, 83.2680, -33.3080



Tritanopia

195.1850, 10.0850, 9.9650

Trichromacy



Original Color

178.6540, 57.2300, -57.0260

Protanomaly

179.9650, 66.7200, -52.8000

Deuteranomaly

182.1220, 74.0080, -41.7040

Tritanomaly

188.9870, 27.2370, -14.5470

Monochromacy



Original Color

178.6540, 57.2300, -57.0260

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

179.0630, 20.9110, -21.0490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.6540, 57.2300, -57.0260 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, 200, 18)` looks like.

```
.text, #text, p{  
    color:rgb(198, 200, 18)  
}
```

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, 200, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 200, 18) }
```

Border

The CSS property to change the border of an element to YIQ 178.6540, 57.2300, -57.0260 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, 200, 18) }
```


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

```
.border{ border-color:rgb(198, 200, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 200, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 200, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 200, 18);  
box-shadow:4px 4px 4px 4px rgb(198, 200,  
18) }
```

Background

The CSS property to change the background color of an element to YIQ 178.6540, 57.2300, -57.0260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 200, 18) }
```

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

```
.background{ background-color: rgb(198,  
200, 18) }
```

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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