

Converting Colors

YIQ(178.7280, 71.5810,
-58.2990)

Have a look what the booklet for
YIQ(178.7280, 71.5810, -58.2990)
contains.

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Color

**YIQ(178.7280, 71.5810,
-58.2990)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C500
RGB	211, 197, 0
RGB Percent	83%, 77%, 0%
CMY	0.1726, 0.2275, 0.9995
CMYK	0.00, 0.07, 1.00, 0.17
HSL	56°, 100%, 41%
HSV	56°, 100%, 83%
XYZ	46.8229, 53.7754, 7.9151
YIQ	178.7280, 71.5810, -58.2990

Conversions

Conversions Part 2

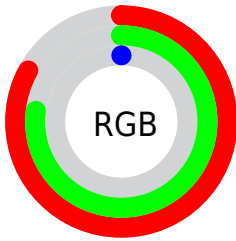
Format	Color
RYB	15, 211, 0
Decimal	13878528
CIELab	78.33, -11.71, 79.17
CIELCh	78, 80.030, 98.411
Yxy	53.7754, 0.4315, 0.4956
Android (android.graphics.Color)	4292068608 (0xFFD3C500)
YUV	178.7280, -88.1129, 28.3025
Hunter-Lab	73.3317, -14.3568, 44.9327

Details

The YIQ color **178.7280, 71.5810, -58.2990** 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 **32.2720, -71.5810, 58.2990**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.3320, 55.4410, -52.1350**, and **129.9760, 50.9920, -43.0880** is the 20% darker color. If you saturate the color by 10%, you get **178.7280, 71.5810, -58.2990**, and if you desaturate by 10%, it is **181.7090, 64.5650, -52.2910**.

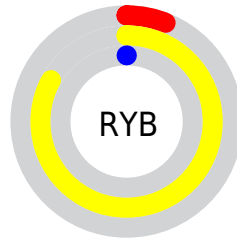
Distribution



Red (83%)

Green (77%)

Blue (0%)



Red (6%)

Yellow (83%)

Blue (0%)

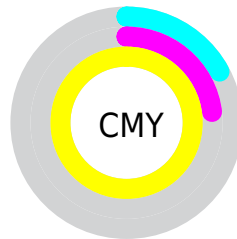


Cyan (0%)

Magenta (7%)

Yellow (100%)

Black (17%)



Cyan (17%)

Magenta (23%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.7280, 71.5810, -58.2990 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 178.7280, 71.5810, -58.2990 by changing the saturation by 10% instead.

■ 178.7280, 71.5810,
-58.2990

■ 178.7280, 71.5810,
-58.2990

■ 255.0000, -0.0000,
-0.0000

■ 153.9090, 61.1260,
-50.5380

■ 234.3320, 55.4410,
-52.1350

■ 129.9760, 50.9920,
-43.0880

■ 238.8120, 45.5820,
-44.1620

■ 106.0430, 40.8580,
-35.6380

■ 242.1180, 36.2730,
-35.1430

■ 83.5830, 30.7700,
-29.0220

■ 245.4240, 26.9640,
-26.1240

■ 61.7100, 20.4070,
-22.9290

■ 248.7300, 17.6550,
-17.1050

■ 40.4350, 11.2360,
-16.4120

■ 252.0360, 8.3460,

■ 20.9210, 1.2400,

-8.0860

-11.4640

■ 0.0000, 0.0000,
0.0000

■ 178.7280, 71.5810,
-58.2990

■ 181.7090, 64.5650,
-52.2910

■ 185.2770, 57.2740,
-46.8060

■ 188.2580, 50.2580,
-40.7980

■ 191.9400, 42.6460,
-35.0020

■ 194.9210, 35.6300,
-28.9940

■ 197.9020, 28.6140,
-22.9860

■ 201.4700, 21.3230,
-17.5010

■ 204.4510, 14.3070,
-11.4930

■ 208.0190, 7.0160,
-6.0080

Harmonies

Analogous

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



180.9370, 91.4270, -21.4770



178.7280, 71.5810, -58.2990



172.7840, -1.9140, -64.4580

Triad

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



178.7280, 71.5810, -58.2990



161.7320, -144.0050, -38.8930



181.6420, 35.7050, 63.2970

Complementary

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



178.7280, 71.5810, -58.2990



32.2720, -71.5810, 58.2990

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.



192.0150, 5.9530, 40.8090



178.7280, 71.5810, -58.2990



155.8620, -141.2550, -33.6630

Square

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



178.7280, 71.5810, -58.2990



158.7050, -131.3480, -53.5240



154.8860, -114.2990, -15.5710



166.1620, 62.7590, 46.5590

Rectangle

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



178.7280, 71.5810, -58.2990



150.1440, -82.3770, -76.4970



154.8860, -114.2990, -15.5710



188.6690, 31.0750, 59.0990

Sweetspot

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



178.7280, 71.5810, -58.2990



243.4010, 25.7710, -21.0210



64.6850, 121.2620, 49.0860



120.4080, 15.8660, -12.2140



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.



178.7280, 71.5810, -58.2990



215.9510, 86.5300, -70.4140



159.7370, 13.4950, -84.9130



103.1590, 3.8060, -2.8980



142.3910, 56.9530, -46.4950



34.5650, 13.9860, -11.1820

Inverse Universe

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



32.2720, -71.5810, 58.2990



39.0490, -86.5300, 70.4140



51.2630, -13.4950, 84.9130



95.8410, -3.8060, 2.8980



25.6090, -56.9530, 46.4950



6.4350, -13.9860, 11.1820

Previews

White Background



This preview shows how the YIQ color 178.7280, 71.5810, -58.2990 looks on a white background.

Color Contrast Check

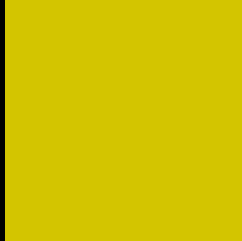
Large Text (above 18pt) WCAG AA × Fail

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 178.7280, 71.5810, -58.2990 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 178.7280, 71.5810, -58.2990

Background



This preview shows how black text looks on a background with the YIQ color 178.7280, 71.5810, -58.2990.



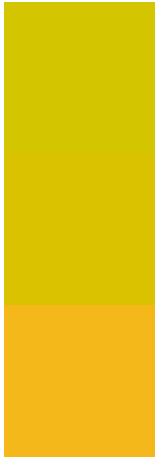
This preview shows how white text looks on a background with the YIQ color 178.7280, 71.5810, -58.2990.

-58.2990.

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

178.7280, 71.5810, -58.2990

Protanopia

179.3590, 77.1740, -55.0340

Deuteranopia

184.3410, 86.7530, -35.8950



Tritanopia

196.5560, 19.3460, 12.8340

Trichromacy



Original Color

178.7280, 71.5810, -58.2990

Protanomaly

179.0490, 75.1110, -56.1930

Deuteranomaly

182.5480, 81.4360, -44.1640

Tritanomaly

190.0870, 38.6990, -13.0210

Monochromacy



Original Color

178.7280, 71.5810, -58.2990

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

179.2870, 26.0920, -21.3320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.7280, 71.5810, -58.2990 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(211, 197, 0)` looks like.

```
.text, #text, p{  
    color:rgb(211, 197, 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(211, 197, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 197, 0) }
```

Border

The CSS property to change the border of an element to YIQ 178.7280, 71.5810, -58.2990 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(211, 197, 0) }
```


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

```
.border{ border-color:rgb(211, 197, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 197, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 197, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 197, 0);  
box-shadow:4px 4px 4px 4px rgb(211, 197,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 178.7280, 71.5810, -58.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 197, 0) }
```

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

```
.background{ background-color: rgb(211,  
197, 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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