

Converting Colors

YIQ(180.2980, 69.9760,
-56.7440)

Have a look what the booklet for
YIQ(180.2980, 69.9760, -56.7440)
contains.

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Color

**YIQ(180.2980, 69.9760,
-56.7440)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C606
RGB	212, 198, 6
RGB Percent	83%, 78%, 2%
CMY	0.1687, 0.2235, 0.9760
CMYK	0.00, 0.07, 0.97, 0.17
HSL	56°, 94%, 43%
HSV	56°, 97%, 83%
XYZ	47.3711, 54.3924, 8.1775
YIQ	180.2980, 69.9760, -56.7440

Conversions

Conversions Part 2

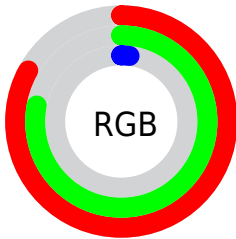
Format	Color
RYB	21, 212, 6
Decimal	13944326
CIELab	78.69, -11.72, 78.88
CIELCh	79, 79.743, 98.452
Yxy	54.3924, 0.4309, 0.4947
Android (android.graphics.Color)	4292134406 (0xFFD4C606)
YUV	180.2980, -85.9289, 27.8027
Hunter-Lab	73.7512, -14.4123, 45.0518

Details

The YIQ color **180.2980, 69.9760, -56.7440** 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 **37.7020, -69.9760, 56.7440**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **235.1470, 54.5240, -52.0360**, and **130.8620, 51.3130, -43.3990** is the 20% darker color. If you saturate the color by 10%, you get **179.6140, 71.9020, -58.6100**, and if you desaturate by 10%, it is **183.2790, 62.9600, -50.7360**.

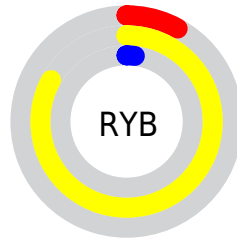
Distribution



Red (83%)

Green (78%)

Blue (2%)



Red (8%)

Yellow (83%)

Blue (2%)

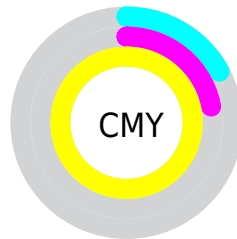


Cyan (0%)

Magenta (7%)

Yellow (97%)

Black (17%)



Cyan (17%)

Magenta (22%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.2980, 69.9760, -56.7440 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 180.2980, 69.9760, -56.7440 by changing the saturation by 10% instead.

■ 180.2980, 69.9760,
-56.7440

■ 180.2980, 69.9760,
-56.7440

■ 255.0000, -0.0000,
-0.0000

■ 154.7950, 61.4470,
-50.8490

■ 235.1470, 54.5240,
-52.0360

■ 130.8620, 51.3130,
-43.3990

■ 239.0400, 44.9400,
-43.5400

■ 106.9290, 41.1790,
-35.9490

■ 242.3460, 35.6310,
-34.5210

■ 84.4690, 31.0910,
-29.3330

■ 245.6520, 26.3220,
-25.5020

■ 62.0090, 21.0030,
-22.7170

■ 248.9580, 17.0130,
-16.4830

■ 41.3210, 11.5570,
-16.7230

■ 252.2640, 7.7040,

■ 22.1060, 2.1570,

-7.4640

-11.5630

■ 0.0000, 0.0000,
0.0000

■ 180.2980, 69.9760,
-56.7440

■ 180.2980, 69.9760,
-56.7440

■ 179.6140, 71.9020,
-58.6100

■ 183.2790, 62.9600,
-50.7360

■ 186.9610, 55.3480,
-44.9400

■ 189.9420, 48.3320,
-38.9320

■ 193.5100, 41.0410,
-33.4470

■ 196.4910, 34.0250,
-27.4390

■ 200.0590, 26.7340,
-21.9540

■ 203.1540, 19.3970,
-15.6350

■ 206.7220, 12.1060,
-10.1500

■ 209.7030, 5.0900,
-4.1420

Harmonies

Analogous

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



181.7520, 90.5100, -21.3780



180.2980, 69.9760, -56.7440



173.8980, -2.2350, -64.1470

Triad

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



180.2980, 69.9760, -56.7440



162.3190, -144.2800, -39.4160



182.9300, 34.8340, 62.5620

Complementary

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



180.2980, 69.9760, -56.7440



37.7020, -69.9760, 56.7440

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.



192.9010, 6.2740, 40.4980



180.2980, 69.9760, -56.7440



156.4490, -141.5300, -34.1860

Square

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



180.2980, 69.9760, -56.7440



159.4060, -131.9440, -53.7360



156.9790, -110.1270, -14.0870



166.8630, 62.1630, 46.3470

Rectangle

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



180.2980, 69.9760, -56.7440



152.4540, -80.3140, -75.3380



156.9790, -110.1270, -14.0870



189.2560, 30.8000, 58.5760

Sweetspot

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



180.2980, 69.9760, -56.7440



243.6290, 25.1290, -20.3990



69.5320, 117.3190, 48.9590



120.5220, 15.5450, -11.9030



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.



180.2980, 69.9760, -56.7440



215.9510, 86.5300, -70.4140



162.8020, 14.8700, -82.2980



105.1590, 3.8060, -2.8980



144.4620, 58.1910, -46.9050



36.3370, 14.6280, -11.8040

Inverse Universe

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



37.7020, -69.9760, 56.7440



39.0490, -86.5300, 70.4140



55.1980, -14.8700, 82.2980



97.8410, -3.8060, 2.8980



26.5380, -58.1910, 46.9050



6.6630, -14.6280, 11.8040

Previews

White Background



This preview shows how the YIQ color 180.2980, 69.9760, -56.7440 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 180.2980, 69.9760, -56.7440 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 180.2980, 69.9760, -56.7440

Background



This preview shows how black text looks on a background with the YIQ color 180.2980, 69.9760, -56.7440.



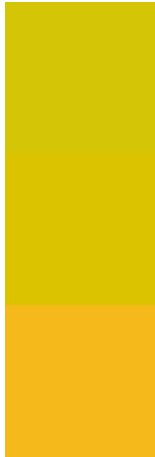
This preview shows how white text looks on a background with the YIQ color 180.2980, 69.9760,

-56.7440.

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

180.2980, 69.9760, -56.7440

Protanopia

180.2450, 77.4950, -55.3450

Deuteranopia

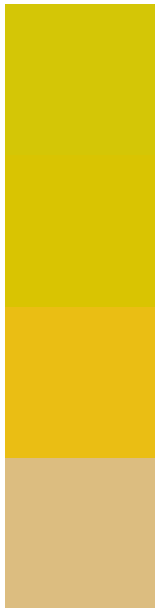
185.3410, 86.7530, -35.8950



Tritanopia

197.5560, 19.3460, 12.8340

Trichromacy



Original Color

180.2980, 69.9760, -56.7440

Protanomaly

180.1630, 74.7900, -55.8820

Deuteranomaly

183.7760, 80.7940, -43.5420

Tritanomaly

191.3150, 38.0570, -12.3990

Monochromacy



Original Color

180.2980, 69.9760, -56.7440

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

180.5150, 25.4500, -20.7100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.2980, 69.9760, -56.7440 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(212, 198, 6)` looks like.

```
.text, #text, p{  
    color:rgb(212, 198, 6)  
}
```

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(212, 198, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 198, 6) }
```

Border

The CSS property to change the border of an element to YIQ 180.2980, 69.9760, -56.7440 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(212, 198, 6) }
```


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

```
.border{ border-color:rgb(212, 198, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 198, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 198, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 198, 6);  
box-shadow:4px 4px 4px 4px rgb(212, 198,  
6) }
```

Background

The CSS property to change the background color of an element to YIQ 180.2980, 69.9760, -56.7440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 198, 6) }
```

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

```
.background{ background-color: rgb(212,  
198, 6) }
```

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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