

Converting Colors

YIQ(189.6070, 73.7800,
-48.5880)

Have a look what the booklet for
YIQ(189.6070, 73.7800, -48.5880)
contains.

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Color

**YIQ(189.6070, 73.7800,
-48.5880)**

Conversions

Conversions Part 1

Format	Color
Hex	E6C919
RGB	230, 201, 25
RGB Percent	90%, 79%, 10%
CMY	0.0981, 0.2118, 0.9015
CMYK	0.00, 0.13, 0.89, 0.10
HSL	52°, 80%, 50%
HSV	52°, 89%, 90%
XYZ	53.6902, 58.6593, 9.4185
YIQ	189.6070, 73.7800, -48.5880

Conversions

Conversions Part 2

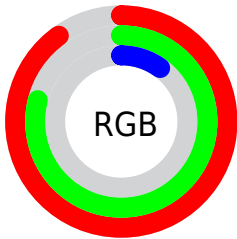
Format	Color
RYB	59, 230, 25
Decimal	15124761
CIELab	81.10, -5.23, 78.97
CIELCh	81, 79.142, 93.789
Yxy	58.6593, 0.4409, 0.4817
Android (android.graphics.Color)	4293314841 (0xFFE6C919)
YUV	189.6070, -81.1513, 35.4247
Hunter-Lab	76.5894, -8.9006, 46.3214

Details

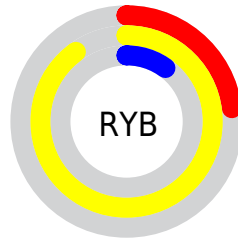
The YIQ color **189.6070, 73.7800, -48.5880** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **65.3930, -73.7800, 48.5880**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.5320, 52.0020, -50.3820**, and **137.1190, 60.8950, -40.8410** is the 20% darker color. If you saturate the color by 10%, you get **185.2240, 81.9880, -54.1720**, and if you desaturate by 10%, it is **193.9900, 65.5720, -43.0040**.

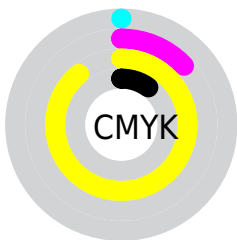
Distribution



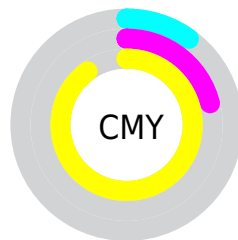
- Red (90%)
- Green (79%)
- Blue (10%)



- Red (23%)
- Yellow (90%)
- Blue (10%)



- Cyan (0%)
- Magenta (13%)
- Yellow (89%)
- Black (10%)



- Cyan (10%)
- Magenta (21%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.6070, 73.7800, -48.5880 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 189.6070, 73.7800, -48.5880 by changing the saturation by 10% instead.

■ 189.6070, 73.7800,
-48.5880

■ 189.6070, 73.7800,
-48.5880

■ 255.0000, -0.0000,
-0.0000

■ 161.9380, 71.3500,
-48.6020

■ 236.5320, 52.0020,
-50.3820

■ 137.1190, 60.8950,
-40.8410

■ 239.8380, 42.6930,
-41.3630

■ 113.4740, 49.8900,
-34.1260

■ 243.1440, 33.3840,
-32.3440

■ 90.4270, 40.0770,
-26.9870

■ 246.4500, 24.0750,
-23.3250

■ 68.5540, 29.7140,
-20.8940

■ 249.7560, 14.7660,
-14.3060

■ 47.5670, 19.6720,
-15.1120

■ 253.1760, 5.1360,

■ 27.7650, 10.5470,

-4.9760

-9.4290

■ 4.6960, -2.2000,
-4.1840

■ 0.0000, 0.0000,
0.0000

■ 189.6070, 73.7800,
-48.5880

■ 189.6070, 73.7800,
-48.5880

■ 185.2240, 81.9880,
-54.1720

■ 193.9900, 65.5720,
-43.0040

■ 184.4090, 82.9050,
-54.2710

■ 198.9600, 57.0890,
-37.9430

■ 203.3430, 48.8810,
-32.3590

■ 207.7260, 40.6730,
-26.7750

■ 212.1090, 32.4650,
-21.1910

■ 217.0790, 23.9820,
-16.1300

■ 221.4620, 15.7740,
-10.5460

■ 225.8450, 7.5660,
-4.9620

■ 230.2280, -0.6420,
0.6220

Harmonies

Analogous

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



184.8640, 84.5030, -17.1370



189.6070, 73.7800, -48.5880



182.7100, 10.0980, -61.8860

Triad

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



189.6070, 73.7800, -48.5880



167.0150, -146.4800, -43.6000



190.4300, 30.2500, 57.5300

Complementary

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



189.6070, 73.7800, -48.5880



65.3930, -73.7800, 48.5880

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.



197.8410, -2.6650, 31.7910



189.6070, 73.7800, -48.5880



161.7320, -144.0050, -38.8930

Square

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



189.6070, 73.7800, -48.5880



162.3580, -131.9890, -58.4290



150.5790, -138.7800, -28.9560



173.6110, 54.1850, 47.7610

Rectangle

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



189.6070, 73.7800, -48.5880



170.4700, -50.8800, -69.1200



150.5790, -138.7800, -28.9560



196.3000, 27.5000, 52.3000

Sweetspot

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



189.6070, 73.7800, -48.5880



241.2640, 24.8990, -16.2290



89.8290, 112.2290, 53.1010



119.8040, 14.8110, -9.6130



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.



189.6070, 73.7800, -48.5880



204.7980, 91.7550, -60.4770



185.1020, 22.8930, -79.0190



112.4580, 4.4020, -2.6860



143.3320, 64.6090, -42.0710



41.0770, 18.2960, -12.2000

Inverse Universe

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



65.3930, -73.7800, 48.5880



50.2020, -91.7550, 60.4770



69.8980, -22.8930, 79.0190



105.5420, -4.4020, 2.6860



35.0810, -64.3340, 42.5940



9.9230, -18.2960, 12.2000

Previews

White Background



This preview shows how the YIQ color 189.6070, 73.7800, -48.5880 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 189.6070, 73.7800, -48.5880 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 189.6070, 73.7800, -48.5880

Background



This preview shows how black text looks on a background with the YIQ color 189.6070, 73.7800, -48.5880.



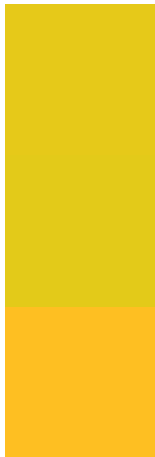
This preview shows how white text looks on a background with the YIQ color 189.6070, 73.7800, -48.5880.

-48.5880.

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

189.6070, 73.7800, -48.5880

Protanopia

189.2970, 71.7170, -49.7470

Deuteranopia

191.9390, 87.9450, -35.4710



Tritanopia

204.7420, 27.6900, 15.8020

Trichromacy



Original Color

189.6070, 73.7800, -48.5880

Protanomaly

189.5960, 72.3130, -49.5350

Deuteranomaly

191.2540, 82.4440, -40.4040

Tritanomaly

199.1850, 44.4750, -7.5650

Monochromacy



Original Color

189.6070, 73.7800, -48.5880

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

189.9930, 27.1000, -17.5720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.6070, 73.7800, -48.5880 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(230, 201, 25)` looks like.

```
.text, #text, p{  
    color:rgb(230, 201, 25)  
}
```

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(230, 201, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 201, 25) }
```

Border

The CSS property to change the border of an element to YIQ 189.6070, 73.7800, -48.5880 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(230, 201, 25) }
```


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

```
.border{ border-color:rgb(230, 201, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 201, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 201, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 201, 25);  
box-shadow:4px 4px 4px 4px rgb(230, 201,  
25) }
```

Background

The CSS property to change the background color of an element to YIQ 189.6070, 73.7800, -48.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 201, 25) }
```

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

```
.background{ background-color: rgb(230,  
201, 25) }
```

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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