

Converting Colors

YIQ(184.8990, 67.0860,
-48.4180)

Have a look what the booklet for
YIQ(184.8990, 67.0860, -48.4180)
contains.

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Color

**YIQ(184.8990, 67.0860,
-48.4180)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC61C
RGB	219, 198, 28
RGB Percent	86%, 78%, 11%
CMY	0.1412, 0.2235, 0.8898
CMYK	0.00, 0.10, 0.87, 0.14
HSL	53°, 77%, 48%
HSV	53°, 87%, 86%
XYZ	49.6119, 55.5261, 9.2078
YIQ	184.8990, 67.0860, -48.4180

Conversions

Conversions Part 2

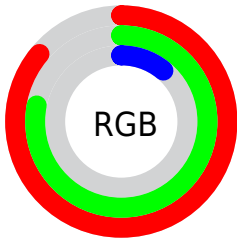
Format	Color
RYB	52, 219, 28
Decimal	14403100
CIELab	79.34, -8.38, 76.60
CIELCh	79, 77.056, 96.245
Yxy	55.5261, 0.4339, 0.4856
Android (android.graphics.Color)	4292593180 (0xFFDBC61C)
YUV	184.8990, -77.3512, 29.9066
Hunter-Lab	74.5158, -11.5592, 44.8347

Details

The YIQ color **184.8990, 67.0860, -48.4180** 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 **62.1010, -67.0860, 48.4180**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.0590, 51.9560, -49.5480**, and **132.6560, 54.8890, -42.1270** is the 20% darker color. If you saturate the color by 10%, you get **181.2170, 74.6980, -54.2140**, and if you desaturate by 10%, it is **188.5810, 59.4740, -42.6220**.

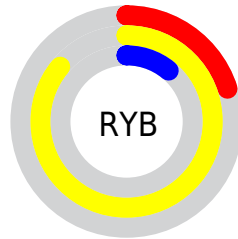
Distribution



Red (86%)

Green (78%)

Blue (11%)



Red (20%)

Yellow (86%)

Blue (11%)

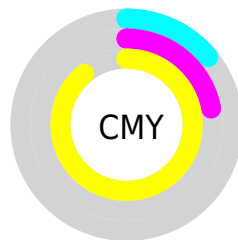


Cyan (0%)

Magenta (10%)

Yellow (87%)

Black (14%)



Cyan (14%)

Magenta (22%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.8990, 67.0860, -48.4180 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 184.8990, 67.0860, -48.4180 by changing the saturation by 10% instead.

■ 184.8990, 67.0860,
-48.4180

■ 184.8990, 67.0860,
-48.4180

■ 255.0000, -0.0000,
-0.0000

■ 156.8880, 65.6190,
-49.3650

■ 236.0590, 51.9560,
-49.5480

■ 132.6560, 54.8890,
-42.1270

■ 239.9520, 42.3720,
-41.0520

■ 109.0220, 45.3510,
-34.4650

■ 243.1440, 33.3840,
-32.3440

■ 86.2630, 34.6670,
-28.0610

■ 246.4500, 24.0750,
-23.3250

■ 64.1020, 25.1750,
-21.2330

■ 249.7560, 14.7660,
-14.3060

■ 43.1150, 15.1330,
-15.4510

■ 253.1760, 5.1360,

■ 24.1990, 6.3290,

-4.9760

-10.0790

■ 0.0000, 0.0000,
0.0000

■ 184.8990, 67.0860,
-48.4180

■ 184.8990, 67.0860,
-48.4180

■ 181.2170, 74.6980,
-54.2140

■ 188.5810, 59.4740,
-42.6220

■ 179.9460, 76.8990,
-55.5570

■ 192.8500, 51.5870,
-37.3490

■ 196.5320, 43.9750,
-31.5530

■ 200.8010, 36.0880,
-26.2800

■ 204.4830, 28.4760,
-20.4840

■ 208.1650, 20.8640,
-14.6880

■ 212.3200, 13.2980,
-9.7260

■ 216.0020, 5.6860,
-3.9300

■ 220.2710, -2.2010,
1.3430

Harmonies

Analogous

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



183.8210, 86.0620, -17.8580



184.8990, 67.0860, -48.4180



177.5290, 3.3580, -60.8820

Triad

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



184.8990, 67.0860, -48.4180



163.4930, -144.8300, -40.4620



187.4950, 31.6250, 60.1450

Complementary

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



184.8990, 67.0860, -48.4180



62.1010, -67.0860, 48.4180

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.



194.6290, 1.0480, 36.0880



184.8990, 67.0860, -48.4180



157.6230, -142.0800, -35.2320

Square

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



184.8990, 67.0860, -48.4180



159.5370, -130.9350, -55.5030



155.7390, -118.3790, -18.7230



171.1830, 58.2660, 45.3860

Rectangle

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



184.8990, 67.0860, -48.4180



163.6910, -58.8120, -68.5400



155.7390, -118.3790, -18.7230



192.7780, 29.1500, 55.4380

Sweetspot

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



184.8990, 67.0860, -48.4180



243.3670, 23.1110, -16.8650



87.6170, 106.7740, 47.3340



120.5050, 14.2150, -9.8250



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.



184.8990, 67.0860, -48.4180



209.4940, 89.5550, -64.6610



175.3990, 17.8030, -74.8770



107.5720, 4.0810, -2.3750



142.1250, 60.7580, -43.8660



37.8210, 16.1410, -11.6910

Inverse Universe

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



62.1010, -67.0860, 48.4180



45.5060, -89.5550, 64.6610



71.6010, -17.8030, 74.8770



100.8410, -3.8060, 2.8980



30.8750, -60.7580, 43.8660



8.1790, -16.1410, 11.6910

Previews

White Background



This preview shows how the YIQ color 184.8990, 67.0860, -48.4180 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 184.8990, 67.0860, -48.4180 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 184.8990, 67.0860, -48.4180

Background



This preview shows how black text looks on a background with the YIQ color 184.8990, 67.0860, -48.4180.



This preview shows how white text looks on a background with the YIQ color 184.8990, 67.0860, -48.4180.

-48.4180.

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

184.8990, 67.0860, -48.4180

Protanopia

185.2090, 69.1490, -47.2590

Deuteranopia

187.5520, 84.7810, -33.1950



Tritanopia

199.6490, 23.5180, 14.3180

Trichromacy



Original Color

184.8990, 67.0860, -48.4180

Protanomaly

184.9100, 68.5530, -47.4710

Deuteranomaly

186.2690, 78.0880, -38.5520

Tritanomaly

194.3200, 39.6610, -8.4270

Monochromacy



Original Color

184.8990, 67.0860, -48.4180

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

185.0250, 24.0740, -17.7980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.8990, 67.0860, -48.4180 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(219, 198, 28)` looks like.

```
.text, #text, p{  
    color:rgb(219, 198, 28)  
}
```

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(219, 198, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 198, 28) }
```

Border

The CSS property to change the border of an element to YIQ 184.8990, 67.0860, -48.4180 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(219, 198, 28) }
```


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

```
.border{ border-color:rgb(219, 198, 28) }
```

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

Here you see how a box with a 4 pixel rgb(219, 198, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 198, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 198, 28);  
box-shadow:4px 4px 4px 4px rgb(219, 198,  
28) }
```

Background

The CSS property to change the background color of an element to YIQ 184.8990, 67.0860, -48.4180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 198, 28) }
```

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

```
.background{ background-color: rgb(219,  
198, 28) }
```

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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