

Converting Colors

YIQ(184.9880, 50.7180,
-49.1380)

Have a look what the booklet for
YIQ(184.9880, 50.7180, -49.1380)
contains.

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Color

**YIQ(184.9880, 50.7180,
-49.1380)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCB2D
RGB	203, 203, 45
RGB Percent	80%, 80%, 18%
CMY	0.2040, 0.2039, 0.8232
CMYK	0.00, 0.00, 0.78, 0.20
HSL	60°, 64%, 49%
HSV	60°, 78%, 80%
XYZ	46.4529, 55.5948, 10.7735
YIQ	184.9880, 50.7180, -49.1380

Conversions

Conversions Part 2

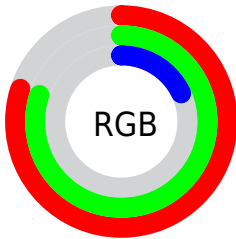
Format	Color
R _Y B	45, 203, 45
Decimal	13355821
CIE Lab	79.38, -17.28, 71.95
CIE LCh	79, 73.996, 103.509
Yxy	55.5948, 0.4117, 0.4928
Android (android.graphics.Color)	4291545901 (0xFFCBCB2D)
YUV	184.9880, -69.0141, 15.7965
Hunter-Lab	74.5619, -19.2759, 43.6265

Details

The YIQ color **184.9880, 50.7180, -49.1380** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted yellow. A complement of this color would be **63.0120, -50.7180, 49.1380**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.9000, 48.1500, -46.6500**, and **130.8180, 45.4450, -47.1870** is the 20% darker color. If you saturate the color by 10%, you get **182.7080, 57.1380, -55.3580**, and if you desaturate by 10%, it is **187.2680, 44.2980, -42.9180**.

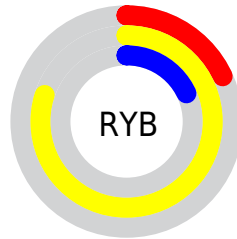
Distribution



Red (80%)

Green (80%)

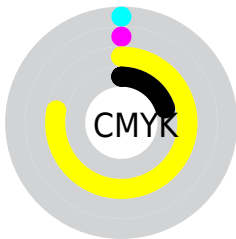
Blue (18%)



Red (18%)

Yellow (80%)

Blue (18%)

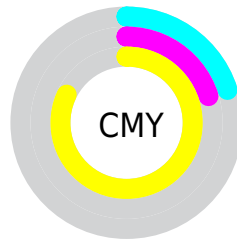


Cyan (0%)

Magenta (0%)

Yellow (78%)

Black (20%)



Cyan (20%)

Magenta (20%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.9880, 50.7180, -49.1380 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 184.9880, 50.7180, -49.1380 by changing the saturation by 10% instead.

■ 184.9880, 50.7180,
-49.1380

■ 184.9880, 50.7180,
-49.1380

■ 255.0000, -0.0000,
-0.0000

■ 155.3380, 55.3040,
-55.1600

■ 237.9000, 48.1500,
-46.6500

■ 130.8180, 45.4450,
-47.1870

■ 241.0920, 39.1620,
-37.9420

■ 107.7710, 35.6320,
-40.0480

■ 244.2840, 30.1740,
-29.2340

■ 84.7240, 25.8190,
-32.9090

■ 247.5900, 20.8650,
-20.2150

■ 62.5630, 16.3270,
-26.0810

■ 250.8960, 11.5560,
-11.1960

■ 41.8750, 6.8810,
-20.0870

■ 254.3160, 1.9260,

■ 20.8770, -4.6280,

-1.8660

-15.2520

■ 0.0000, 0.0000,
0.0000

■ 184.9880, 50.7180,
-49.1380

■ 184.9880, 50.7180,
-49.1380

■ 182.7080, 57.1380,
-55.3580

■ 187.2680, 44.2980,
-42.9180

■ 180.3140, 63.8790,
-61.8890

■ 189.6620, 37.5570,
-36.3870

■ 179.8580, 65.1630,
-63.1330

■ 191.9420, 31.1370,
-30.1670

■ 194.2220, 24.7170,
-23.9470

■ 196.6160, 17.9760,
-17.4160

■ 198.8960, 11.5560,
-11.1960

■ 201.1760, 5.1360,
-4.9760

■ 203.4560, -1.2840,
1.2440

■ 205.8500, -8.0250,
7.7750

Harmonies

Analogous

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



187.5880, 85.1000, -22.4520



184.9880, 50.7180, -49.1380



176.1880, -14.6150, -60.0470

Triad

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



184.9880, 50.7180, -49.1380



161.7320, -144.0050, -38.8930



184.3830, 37.6320, 55.9040

Complementary

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



184.9880, 50.7180, -49.1380



63.0120, -50.7180, 49.1380

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.



197.6850, 15.8100, 43.8900



184.9880, 50.7180, -49.1380



155.2750, -140.9800, -33.1400

Square

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



184.9880, 50.7180, -49.1380



160.8880, -136.1170, -49.6930



178.8280, -63.6850, 3.2830



172.8810, 61.7520, 37.2720

Rectangle

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



184.9880, 50.7180, -49.1380



149.5150, -99.4790, -74.9270



178.8280, -63.6850, 3.2830



190.4300, 30.2500, 57.5300

Sweetspot

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



184.9880, 50.7180, -49.1380



248.2740, 18.9390, -18.3490



92.2420, 94.1680, 33.4960



123.5970, 10.9600, -11.4080



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.



184.9880, 50.7180, -49.1380



227.9820, 76.0770, -73.7070



161.3670, 3.6340, -65.8860



100.8600, 3.2100, -3.1100



147.0760, 53.2860, -51.6260



33.6680, 12.1980, -11.8180

Inverse Universe

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



63.0120, -50.7180, 49.1380



45.0180, -76.0770, 73.7070



86.6330, -3.6340, 65.8860



93.1400, -3.2100, 3.1100



18.9240, -53.2860, 51.6260



4.3320, -12.1980, 11.8180

Previews

White Background



This preview shows how the YIQ color 184.9880, 50.7180, -49.1380 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 184.9880, 50.7180, -49.1380 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 184.9880, 50.7180, -49.1380

Background



This preview shows how black text looks on a background with the YIQ color 184.9880, 50.7180, -49.1380.



This preview shows how white text looks on a background with the YIQ color 184.9880, 50.7180,

-49.1380.

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

184.9880, 50.7180, -49.1380

Protanopia

186.7340, 63.4170, -42.4950

Deuteranopia

189.0770, 79.0490, -28.4310



Tritanopia

198.7830, 11.2770, 10.3890

Trichromacy



Original Color

184.9880, 50.7180, -49.1380

Protanomaly

185.8150, 58.6950, -45.0250

Deuteranomaly

187.4730, 68.8260, -35.8940

Tritanomaly

193.6110, 25.5400, -11.3240

Monochromacy



Original Color

184.9880, 50.7180, -49.1380

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

185.3880, 18.6180, -18.0380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.9880, 50.7180, -49.1380 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(203, 203, 45)` looks like.

```
.text, #text, p{  
    color:rgb(203, 203, 45)  
}
```

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(203, 203, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 203, 45) }
```

Border

The CSS property to change the border of an element to YIQ 184.9880, 50.7180, -49.1380 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(203, 203, 45) }
```


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

```
.border{ border-color:rgb(203, 203, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 203, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 203, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 203, 45);  
box-shadow:4px 4px 4px 4px rgb(203, 203,  
45) }
```

Background

The CSS property to change the background color of an element to YIQ 184.9880, 50.7180, -49.1380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 203, 45) }
```

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

```
.background{ background-color: rgb(203,  
203, 45) }
```

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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