

Converting Colors

YIQ(188.4740, 48.7490,
-63.0190)

Have a look what the booklet for
YIQ(188.4740, 48.7490, -63.0190)
contains.

| | |
|------------------------------------------------|----|
| YIQ(188.4740, 48.7490, -63.0190) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YIQ(188.4740, 48.7490,
-63.0190)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C4D81B |
| RGB | 196, 216, 27 |
| RGB Percent | 77%, 85%, 11% |
| CMY | 0.2315, 0.1529, 0.8937 |
| CMYK | 0.09, 0.00, 0.87, 0.15 |
| HSL | 66°, 78%, 48% |
| HSV | 66°, 87%, 85% |
| XYZ | 47.5107, 60.9254, 10.2979 |
| YIQ | 188.4740, 48.7490, -63.0190 |

Conversions

Conversions Part 2

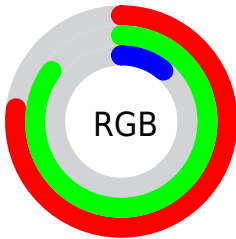
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 27, 216, 47 |
| Decimal | 12900379 |
| CIE Lab | 82.34, -27.06, 78.43 |
| CIE LCh | 82, 82.963, 109.035 |
| Yxy | 60.9254, 0.4001, 0.5131 |
| Android (android.graphics.Color) | 4291090459 (0xFFC4D81B) |
| YUV | 188.4740, -79.6067, 6.6003 |
| Hunter-Lab | 78.0547, -27.9456, 46.8161 |

Details

The YIQ color **188.4740, 48.7490, -63.0190** 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 **54.5260, -48.7490, 63.0190**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.8740, 51.0390, -49.4490**, and **135.7690, 37.9730, -54.9470** is the 20% darker color. If you saturate the color by 10%, you get **185.3680, 54.6190, -70.2850**, and if you desaturate by 10%, it is **191.5800, 42.8790, -55.7530**.

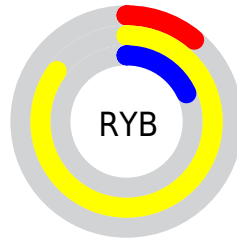
Distribution



Red (77%)

Green (85%)

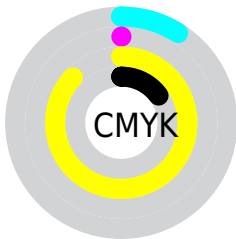
Blue (11%)



Red (11%)

Yellow (85%)

Blue (18%)

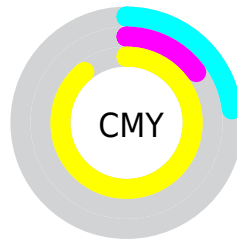


Cyan (9%)

Magenta (0%)

Yellow (87%)

Black (15%)



Cyan (23%)

Magenta (15%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.4740, 48.7490, -63.0190 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 188.4740, 48.7490, -63.0190 by changing the saturation by 10% instead.

188.4740, 48.7490,
-63.0190

188.4740, 48.7490,
-63.0190

255.0000, -0.0000,
-0.0000

160.2890, 47.8320,
-62.9200

236.8740, 51.0390,
-49.4490

135.7690, 37.9730,
-54.9470

240.1800, 41.7300,
-40.4300

111.8360, 27.8390,
-47.4970

243.4860, 32.4210,
-31.4110

88.7890, 18.0260,
-40.3580

246.7920, 23.1120,
-22.3920

65.7420, 8.2130,
-33.2190

250.0980, 13.8030,
-13.3730

43.8690, -2.1500,
-27.1260

253.5180, 4.1730,

23.4800, -11.0000,

-4.0430

-20.9200

■ 8.8050, -4.1250,
-7.8450

■ 0.0000, 0.0000,
0.0000

■ 188.4740, 48.7490,
-63.0190

■ 188.4740, 48.7490,
-63.0190

■ 185.3680, 54.6190,
-70.2850

■ 191.5800, 42.8790,
-55.7530

■ 184.4990, 55.6280,
-72.0520

■ 194.8710, 37.9260,
-48.5860

■ 197.9770, 32.0560,
-41.3200

■ 201.0830, 26.1860,
-34.0540

■ 204.0750, 20.6370,
-27.0990

■ 207.4800, 15.3630,
-19.6210

■ 210.4720, 9.8140,
-12.6660

■ 213.5780, 3.9440,
-5.4000

■ 216.9830, -1.3300,
2.0780

Harmonies

Analogous

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



191.3260, 91.1090, -37.7470



188.4740, 48.7490, -63.0190



176.3160, -35.8870, -71.0150

Triad

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



188.4740, 48.7490, -63.0190



167.6020, -146.7550, -44.1230



180.1600, 39.8780, 59.2540

Complementary

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



188.4740, 48.7490, -63.0190



54.5260, -48.7490, 63.0190

Split Complementary

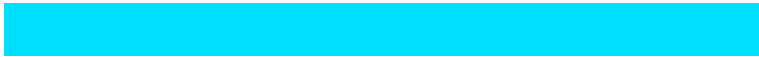
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



199.8220, 25.8500, 49.1620



188.4740, 48.7490, -63.0190



159.3840, -142.9050, -36.8010

Square

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



188.4740, 48.7490, -63.0190



170.3090, -147.4880, -47.3600



187.7760, -48.7390, 7.7490



171.2680, 64.9160, 34.9960

Rectangle

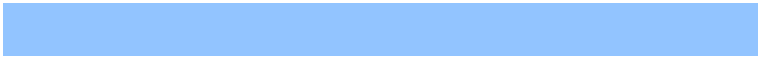
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



188.4740, 48.7490, -63.0190



156.3500, -112.3160, -79.0680



187.7760, -48.7390, 7.7490



186.9080, 31.9000, 60.6680

Sweetspot

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



188.4740, 48.7490, -63.0190



245.3830, 17.0140, -22.0100



94.6640, 107.4190, 30.1310



121.9450, 9.8600, -13.5000



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.



188.4740, 48.7490, -63.0190



217.8570, 65.7630, -85.0290



160.6670, -6.6790, -82.7350



105.4470, 2.9350, -3.6330



146.1240, 44.1630, -56.9970



36.9020, 11.4190, -14.2210

Inverse Universe

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



54.5260, -48.7490, 63.0190



37.1430, -65.7630, 85.0290



82.3330, 6.6790, 82.7350



97.8520, -2.3390, 3.8450



24.8760, -44.1630, 56.9970



6.3970, -10.8230, 14.4330

Previews

White Background



This preview shows how the YIQ color 188.4740, 48.7490, -63.0190 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 188.4740, 48.7490, -63.0190 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 188.4740, 48.7490, -63.0190

Background



This preview shows how black text looks on a background with the YIQ color 188.4740, 48.7490, -63.0190.



This preview shows how white text looks on a background with the YIQ color 188.4740, 48.7490,

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

188.4740, 48.7490, -63.0190

Protanopia

192.0260, 73.9180, -51.0900

Deuteranopia

198.3480, 76.8480, -27.0880



Tritanopia

206.1130, 1.4200, 7.3080

Trichromacy



Original Color

188.4740, 48.7490, -63.0190

Protanomaly

190.6010, 64.7490, -55.6270

Deuteranomaly

195.0550, 66.9470, -40.3890

Tritanomaly

199.3880, 18.6180, -18.0380

Monochromacy



Original Color

188.4740, 48.7490, -63.0190

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.0410, 17.9770, -22.9430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.4740, 48.7490, -63.0190 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(196, 216, 27)` looks like.

```
.text, #text, p{  
    color:rgb(196, 216, 27)  
}
```

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(196, 216, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 216, 27) }
```

Border

The CSS property to change the border of an element to YIQ 188.4740, 48.7490, -63.0190 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(196, 216, 27) }
```


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

```
.border{ border-color:rgb(196, 216, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 216, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 216, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 216, 27);  
box-shadow:4px 4px 4px 4px rgb(196, 216,  
27) }
```

Background

The CSS property to change the background color of an element to YIQ 188.4740, 48.7490, -63.0190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 216, 27) }
```

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

```
.background{ background-color: rgb(196,  
216, 27) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor