

Converting Colors

YIQ(189.4940, 28.8020,
-48.4300)

Have a look what the booklet for
YIQ(189.4940, 28.8020, -48.4300)
contains.

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Color

**YIQ(189.4940, 28.8020,
-48.4300)**

Conversions

Conversions Part 1

Format	Color
Hex	BBD54B
RGB	187, 213, 75
RGB Percent	73%, 84%, 29%
CMY	0.2668, 0.1646, 0.7056
CMYK	0.12, 0.00, 0.65, 0.16
HSL	71°, 62%, 56%
HSV	71°, 65%, 84%
XYZ	45.5531, 58.6626, 15.5889
YIQ	189.4940, 28.8020, -48.4300

Conversions

Conversions Part 2

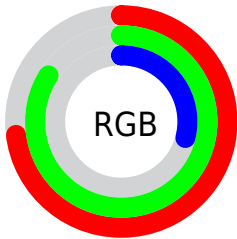
Format	Color
RYB	75, 213, 101
Decimal	12309835
CIELab	81.11, -27.27, 62.80
CIELCh	81, 68.462, 113.475
Yxy	58.6626, 0.3802, 0.4897
Android (android.graphics.Color)	4290499915 (0xFFBBD54B)
YUV	189.4940, -56.4455, -2.1872
Hunter-Lab	76.5915, -27.8716, 41.5466

Details

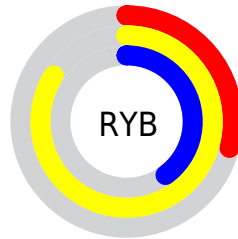
The YIQ color **189.4940, 28.8020, -48.4300** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **98.5060, -28.8020, 48.4300**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **238.0590, 34.7610, -40.7830**, and **132.3000, 32.1040, -53.2080** is the 20% darker color. If you saturate the color by 10%, you get **185.9040, 33.1590, -55.8090**, and if you desaturate by 10%, it is **193.0840, 24.4450, -41.0510**.

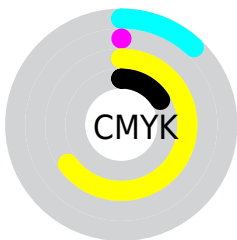
Distribution



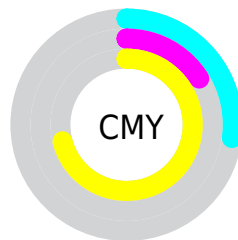
- Red (73%)
- Green (84%)
- Blue (29%)



- Red (29%)
- Yellow (84%)
- Blue (40%)



- Cyan (12%)
- Magenta (0%)
- Yellow (65%)
- Black (16%)



- Cyan (27%)
- Magenta (16%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.4940, 28.8020, -48.4300 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 189.4940, 28.8020, -48.4300 by changing the saturation by 10% instead.

■ 189.4940, 28.8020,
-48.4300

■ 189.4940, 28.8020,
-48.4300

■ 255.0000, -0.0000,
-0.0000

■ 161.0810, 28.5270,
-48.9530

■ 238.0590, 34.7610,
-40.7830

■ 132.3000, 32.1040,
-53.2080

■ 243.9420, 31.1370,
-30.1670

■ 108.2810, 25.0880,
-47.2000

■ 247.1340, 22.1490,
-21.4590

■ 85.5330, 15.8710,
-39.8490

■ 250.4400, 12.8400,
-12.4400

■ 63.3720, 6.3790,
-33.0210

■ 253.7460, 3.5310,
-3.4210

■ 40.6130, -4.3050,
-26.6170

■ 22.3060, -10.4500,

-19.8740

■ 4.6960, -2.2000,
-4.1840

■ 0.0000, 0.0000,
0.0000

■ 189.4940, 28.8020,
-48.4300

■ 189.4940, 28.8020,
-48.4300

■ 185.9040, 33.1590,
-55.8090

■ 193.0840, 24.4450,
-41.0510

■ 182.2000, 37.8370,
-63.4990

■ 196.7880, 19.7670,
-33.3610

■ 178.6100, 42.1940,
-70.8780

■ 200.3780, 15.4100,
-25.9820

■ 176.7580, 44.5330,
-74.7230

■ 203.9680, 11.0530,
-18.6030

■ 207.6720, 6.3750,
-10.9130

■ 211.2620, 2.0180,
-3.5340

■ 214.8520, -2.3390,
3.8450

■ 218.4420, -6.6960,
11.2240

■ 220.7780, -7.5220,
15.1820

Harmonies

Analogous

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



194.9670, 73.5470, -27.8370



189.4940, 28.8020, -48.4300



178.2640, -38.1360, -57.7840

Triad

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



189.4940, 28.8020, -48.4300



162.3190, -144.2800, -39.4160



186.2120, 42.1270, 46.0230

Complementary

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



189.4940, 28.8020, -48.4300



98.5060, -28.8020, 48.4300

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.



201.5830, 25.0250, 47.5930



189.4940, 28.8020, -48.4300



154.1010, -140.4300, -32.0940

Square

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



189.4940, 28.8020, -48.4300



164.7980, -144.3710, -43.2750



194.4200, -26.8250, 18.0950



180.6770, 61.8460, 24.5500

Rectangle

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



189.4940, 28.8020, -48.4300



153.5920, -115.5730, -69.5970



194.4200, -26.8250, 18.0950



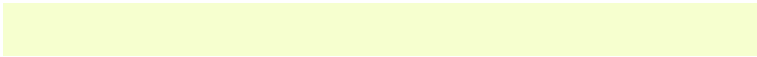
191.0680, 33.9650, 50.7730

Sweetspot

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



189.4940, 28.8020, -48.4300



246.8370, 10.0440, -16.8360



130.9370, 75.3730, 16.1810



122.7860, 6.0540, -10.6020



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.



189.4940, 28.8020, -48.4300



220.9520, 41.2310, -69.9450



169.1620, -11.7260, -62.8460



105.1480, 2.3390, -3.8450



141.9380, 35.8190, -59.9650



35.7060, 9.0350, -15.0690

Inverse Universe

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



98.5060, -28.8020, 48.4300



90.0480, -41.2310, 69.9450



118.8380, 11.7260, 62.8460



97.8520, -2.3390, 3.8450



29.0620, -35.8190, 59.9650



7.2940, -9.0350, 15.0690

Previews

White Background



This preview shows how the YIQ color 189.4940, 28.8020, -48.4300 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 189.4940, 28.8020, -48.4300 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 189.4940, 28.8020, -48.4300

Background



This preview shows how black text looks on a background with the YIQ color 189.4940, 28.8020, -48.4300.



This preview shows how white text looks on a background with the YIQ color 189.4940, 28.8020,

-48.4300.

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

189.4940, 28.8020, -48.4300

Protanopia

193.4700, 55.7130, -35.0310

Deuteranopia

196.2150, 70.1530, -21.3910



Tritanopia

201.7210, -3.3480, 5.6120

Trichromacy



Original Color

189.4940, 28.8020, -48.4300

Protanomaly

191.7460, 45.9480, -39.7800

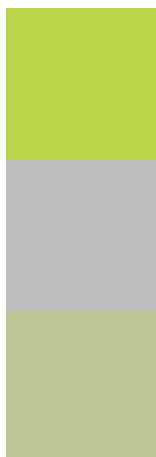
Deuteranomaly

193.6920, 55.2080, -31.3840

Tritanomaly

197.3470, 8.6680, -13.9240

Monochromacy



Original Color

189.4940, 28.8020, -48.4300

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

189.3100, 10.0900, -17.6700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.4940, 28.8020, -48.4300 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(187, 213, 75)` looks like.

```
.text, #text, p{  
    color:rgb(187, 213, 75)  
}
```

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(187, 213, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 213, 75) }
```

Border

The CSS property to change the border of an element to YIQ 189.4940, 28.8020, -48.4300 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(187, 213, 75) }
```


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

```
.border{ border-color:rgb(187, 213, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 213, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 213, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 213, 75);  
box-shadow:4px 4px 4px 4px rgb(187, 213,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 189.4940, 28.8020, -48.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 213, 75) }
```

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

```
.background{ background-color: rgb(187,  
213, 75) }
```

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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