

Converting Colors

YIQ(189.0380, 30.0860,
-49.6740)

Have a look what the booklet for
YIQ(189.0380, 30.0860, -49.6740)
contains.

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Color

**YIQ(189.0380, 30.0860,
-49.6740)**

Conversions

Conversions Part 1

Format	Color
Hex	BBD547
RGB	187, 213, 71
RGB Percent	73%, 84%, 28%
CMY	0.2668, 0.1646, 0.7213
CMYK	0.12, 0.00, 0.67, 0.16
HSL	71°, 63%, 56%
HSV	71°, 67%, 84%
XYZ	45.4203, 58.6095, 14.8899
YIQ	189.0380, 30.0860, -49.6740

Conversions

Conversions Part 2

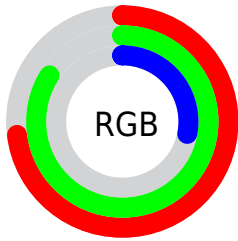
Format	Color
RYB	71, 213, 97
Decimal	12309831
CIELab	81.08, -27.53, 64.33
CIELCh	81, 69.974, 113.164
Yxy	58.6095, 0.3819, 0.4928
Android (android.graphics.Color)	4290499911 (0xFFBBD547)
YUV	189.0380, -58.1927, -1.7873
Hunter-Lab	76.5568, -28.0725, 42.0581

Details

The YIQ color $189.0380, 30.0860, -49.6740$ 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 $94.9620, -30.0860, 49.6740$, and the grayscale version is $190.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $237.6030, 36.0450, -42.0270$, and $131.6160, 34.0300, -55.0740$ is the 20% darker color. If you saturate the color by 10%, you get $185.4480, 34.4430, -57.0530$, and if you desaturate by 10%, it is $192.6280, 25.7290, -42.2950$.

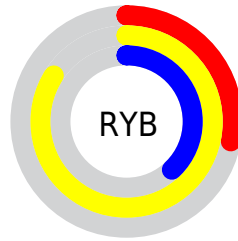
Distribution



Red (73%)

Green (84%)

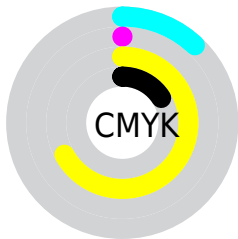
Blue (28%)



Red (28%)

Yellow (84%)

Blue (38%)

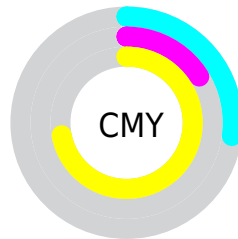


Cyan (12%)

Magenta (0%)

Yellow (67%)

Black (16%)



Cyan (27%)

Magenta (16%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.0380, 30.0860, -49.6740 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 189.0380, 30.0860, -49.6740 by changing the saturation by 10% instead.

■ 189.0380, 30.0860,
-49.6740

■ 189.0380, 30.0860,
-49.6740

■ 255.0000, -0.0000,
-0.0000

■ 160.5110, 30.1320,
-50.5080

■ 237.7170, 35.7240,
-41.7160

■ 131.6160, 34.0300,
-55.0740

■ 243.4860, 32.4210,
-31.4110

■ 108.2810, 25.0880,
-47.2000

■ 246.7920, 23.1120,
-22.3920

■ 85.5330, 15.8710,
-39.8490

■ 249.9840, 14.1240,
-13.6840

■ 63.3720, 6.3790,
-33.0210

■ 253.4040, 4.4940,
-4.3540

■ 40.6130, -4.3050,
-26.6170

■ 22.3060, -10.4500,

-19.8740

■ 4.1090, -1.9250,
-3.6610

■ 0.0000, 0.0000,
0.0000

■ 189.0380, 30.0860,
-49.6740

■ 189.0380, 30.0860,
-49.6740

■ 185.4480, 34.4430,
-57.0530

■ 192.6280, 25.7290,
-42.2950

■ 181.7440, 39.1210,
-64.7430

■ 196.3320, 21.0510,
-34.6050

■ 178.1540, 43.4780,
-72.1220

■ 199.9220, 16.6940,
-27.2260

■ 177.0570, 45.1290,
-74.5110

■ 203.5120, 12.3370,
-19.8470

■ 207.2160, 7.6590,
-12.1570

■ 210.5070, 2.7060,
-4.9900

■ 214.0970, -1.6510,
2.3890

■ 217.6870, -6.0080,
9.7680

■ 220.4790, -8.1180,
14.9700

Harmonies

Analogous

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



194.8100, 75.4270, -28.8690



189.0380, 30.0860, -49.6740



177.3240, -38.3650, -59.1410

Triad

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



189.0380, 30.0860, -49.6740



162.3190, -144.2800, -39.4160



185.1520, 42.3560, 47.3800

Complementary

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



189.0380, 30.0860, -49.6740



94.9620, -30.0860, 49.6740

Split Complementary

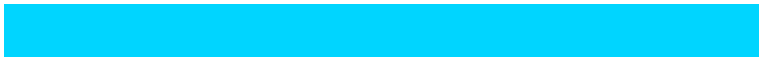
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



200.9960, 25.3000, 48.1160



189.0380, 30.0860, -49.6740



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.



189.0380, 30.0860, -49.6740



165.3850, -144.6460, -43.7980



193.5230, -28.6130, 17.4590



179.5030, 62.3960, 25.5960

Rectangle

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



189.0380, 30.0860, -49.6740



153.9510, -115.2060, -70.7420



193.5230, -28.6130, 17.4590



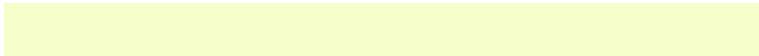
190.5950, 33.9190, 51.6070

Sweetspot

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



189.0380, 30.0860, -49.6740



246.4950, 11.0070, -17.7690



128.7200, 77.4820, 16.5060



122.6720, 6.3750, -10.9130



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.



189.0380, 30.0860, -49.6740



220.6810, 43.4320, -71.2880



167.8090, -12.2300, -64.7260



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.



94.9620, -30.0860, 49.6740



85.3190, -43.4320, 71.2880



116.1910, 12.2300, 64.7260



97.8520, -2.3390, 3.8450



28.7630, -36.4150, 59.7530



7.2940, -9.0350, 15.0690

Previews

White Background



This preview shows how the YIQ color 189.0380, 30.0860, -49.6740 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 189.0380, 30.0860, -49.6740 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 189.0380, 30.0860, -49.6740

Background



This preview shows how black text looks on a background with the YIQ color 189.0380, 30.0860, -49.6740.



This preview shows how white text looks on a background with the YIQ color 189.0380, 30.0860,

-49.6740.

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

189.0380, 30.0860, -49.6740

Protanopia

193.0140, 56.9970, -36.2750

Deuteranopia

195.7590, 71.4370, -22.6350



Tritanopia

201.7210, -3.3480, 5.6120

Trichromacy



Original Color

189.0380, 30.0860, -49.6740

Protanomaly

191.2900, 47.2320, -41.0240

Deuteranomaly

193.2360, 56.4920, -32.6280

Tritanomaly

197.2330, 8.9890, -14.2350

Monochromacy



Original Color

189.0380, 30.0860, -49.6740

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

189.0820, 10.7320, -18.2920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.0380, 30.0860, -49.6740 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, 71)` looks like.

```
.text, #text, p{  
    color:rgb(187, 213, 71)  
}
```

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, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 213, 71) }
```

Border

The CSS property to change the border of an element to YIQ 189.0380, 30.0860, -49.6740 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, 71) }
```


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

```
.border{ border-color:rgb(187, 213, 71) }
```

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, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 213, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 213, 71);  
box-shadow:4px 4px 4px 4px rgb(187, 213,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 189.0380, 30.0860, -49.6740 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, 71) }
```

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

```
.background{ background-color: rgb(187,  
213, 71) }
```

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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