

Converting Colors

YIQ(188.4650, 27.7460,
-40.3020)

Have a look what the booklet for
YIQ(188.4650, 27.7460, -40.3020)
contains.

YIQ(188.4650, 27.7460, -40.3020)	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(188.4650, 27.7460,
-40.3020)**

Conversions

Conversions Part 1

Format	Color
Hex	BECF59
RGB	190, 207, 89
RGB Percent	75%, 81%, 35%
CMY	0.2550, 0.1882, 0.6508
CMYK	0.08, 0.00, 0.57, 0.19
HSL	69°, 55%, 58%
HSV	69°, 57%, 81%
XYZ	45.3478, 56.2945, 17.9384
YIQ	188.4650, 27.7460, -40.3020

Conversions

Conversions Part 2

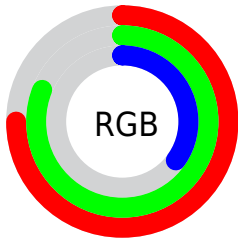
Format	Color
RYB	89, 207, 106
Decimal	12504921
CIELab	79.78, -22.15, 55.50
CIELCh	80, 59.756, 111.758
Yxy	56.2945, 0.3792, 0.4708
Android (android.graphics.Color)	4290695001 (0xFFBECF59)
YUV	188.4650, -49.0362, 1.3462
Hunter-Lab	75.0297, -23.4169, 38.3455

Details

The YIQ color **188.4650, 27.7460, -40.3020** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **107.5350, -27.7460, 40.3020**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **240.1390, 31.7800, -36.3160**, and **133.7530, 26.8750, -41.0370** is the 20% darker color. If you saturate the color by 10%, you get **185.1740, 32.6990, -47.4690**, and if you desaturate by 10%, it is **191.7560, 22.7930, -33.1350**.

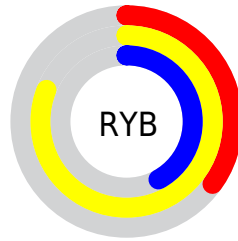
Distribution



Red (75%)

Green (81%)

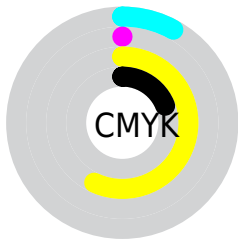
Blue (35%)



Red (35%)

Yellow (81%)

Blue (42%)

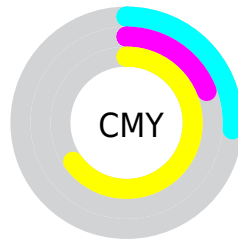


Cyan (8%)

Magenta (0%)

Yellow (57%)

Black (19%)



Cyan (26%)

Magenta (19%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.4650, 27.7460, -40.3020 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 188.4650, 27.7460, -40.3020 by changing the saturation by 10% instead.

188.4650, 27.7460,
-40.3020

188.4650, 27.7460,
-40.3020

255.0000, -0.0000,
-0.0000

161.1660, 27.1500,
-40.5140

240.1390, 31.7800,
-36.3160

133.7530, 26.8750,
-41.0370

245.3100, 27.2850,
-26.4350

106.5420, 28.8470,
-43.7370

248.6160, 17.9760,
-17.4160

83.7940, 19.6300,
-36.3860

251.8080, 8.9880,
-8.7080

62.2310, 11.3300,
-29.1340

40.6570, 1.5630,
-22.8290

19.9580, -9.3500,

-17.7820

■ 0.0000, 0.0000,
0.0000

■ 188.4650, 27.7460,
-40.3020

■ 188.4650, 27.7460,
-40.3020

■ 185.1740, 32.6990,
-47.4690

■ 191.7560, 22.7930,
-33.1350

■ 181.9970, 37.3310,
-54.3250

■ 194.9330, 18.1610,
-26.2790

■ 178.7060, 42.2840,
-61.4920

■ 198.2240, 13.2080,
-19.1120

■ 175.4150, 47.2370,
-68.6590

■ 201.5150, 8.2550,
-11.9450

■ 174.4320, 48.5670,
-70.7370

■ 204.8060, 3.3020,
-4.7780

■ 207.9830, -1.3300,
2.0780

■ 211.2740, -6.2830,
9.2450

■ 214.5650,
-11.2360, 16.4120

■ 215.4620, -9.4480,
17.0480

Harmonies

Analogous

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



193.1760, 65.8890, -21.2070



188.4650, 27.7460, -40.3020



179.6940, -27.3630, -49.2750

Triad

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



188.4650, 27.7460, -40.3020



158.2100, -142.3550, -35.7550



189.5060, 41.1190, 42.2630

Complementary

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



188.4650, 27.7460, -40.3020



107.5350, -27.7460, 40.3020

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.



202.4470, 22.4120, 45.3880



188.4650, 27.7460, -40.3020



151.1660, -139.0550, -29.4790

Square

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



188.4650, 27.7460, -40.3020



159.6800, -138.2270, -44.4910



192.6370, -28.9340, 17.7700



183.7090, 58.8200, 24.3240

Rectangle

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



188.4650, 27.7460, -40.3020



164.8030, -82.0140, -55.5340



192.6370, -28.9340, 17.7700



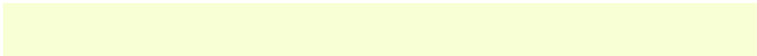
193.9060, 34.2410, 45.7690

Sweetspot

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



188.4650, 27.7460, -40.3020



248.3040, 10.2270, -14.6450



133.6740, 65.9280, 16.6480



123.8400, 5.9620, -8.9340



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.



188.4650, 27.7460, -40.3020



227.8030, 40.6330, -59.1030



171.1230, -6.8220, -52.5980



103.1480, 2.3390, -3.8450



141.6720, 39.6240, -57.3360



34.5320, 9.5850, -14.0230

Inverse Universe

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



107.5350, -27.7460, 40.3020



109.1970, -40.6330, 59.1030



124.8770, 6.8220, 52.5980



95.8520, -2.3390, 3.8450



26.3280, -39.6240, 57.3360



6.4680, -9.5850, 14.0230

Previews

White Background



This preview shows how the YIQ color 188.4650, 27.7460, -40.3020 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 188.4650, 27.7460, -40.3020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

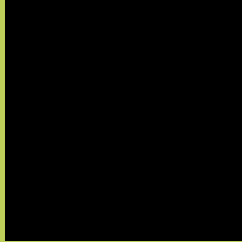
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 188.4650, 27.7460, -40.3020

Background



This preview shows how black text looks on a background with the YIQ color 188.4650, 27.7460, -40.3020.



This preview shows how white text looks on a background with the YIQ color 188.4650, 27.7460,

-40.3020.

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

188.4650, 27.7460, -40.3020

Protanopia

191.5110, 48.4680, -30.3800

Deuteranopia

194.0280, 63.5500, -17.3620



Tritanopia

198.5150, 0.2280, 6.8840

Trichromacy



Original Color

188.4650, 27.7460, -40.3020

Protanomaly

190.0970, 40.7660, -33.9700

Deuteranomaly

191.9290, 50.3470, -25.8850

Tritanomaly

194.9390, 9.9970, -10.4750

Monochromacy



Original Color

188.4650, 27.7460, -40.3020

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.3040, 10.2270, -14.6450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.4650, 27.7460, -40.3020 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(190, 207, 89)` looks like.

```
.text, #text, p{  
    color:rgb(190, 207, 89)  
}
```

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(190, 207, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 207, 89) }
```

Border

The CSS property to change the border of an element to YIQ 188.4650, 27.7460, -40.3020 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(190, 207, 89) }
```


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

```
.border{ border-color:rgb(190, 207, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 207, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 207, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 207, 89);  
box-shadow:4px 4px 4px 4px rgb(190, 207,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 188.4650, 27.7460, -40.3020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 207, 89) }
```

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

```
.background{ background-color: rgb(190,  
207, 89) }
```

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