

Converting Colors

YIQ(216.5180, 11.0590,
-51.7650)

Have a look what the booklet for
YIQ(216.5180, 11.0590, -51.7650)
contains.

YIQ(216.5180, 11.0590, -51.7650)	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(216.5180, 11.0590,
-51.7650)**

Conversions

Conversions Part 1

Format	Color
Hex	C3F774
RGB	195, 247, 116
RGB Percent	76%, 97%, 45%
CMY	0.2355, 0.0313, 0.5449
CMYK	0.21, 0.00, 0.53, 0.03
HSL	84°, 89%, 71%
HSV	84°, 53%, 97%
XYZ	58.9140, 79.3916, 28.7533
YIQ	216.5180, 11.0590, -51.7650

Conversions

Conversions Part 2

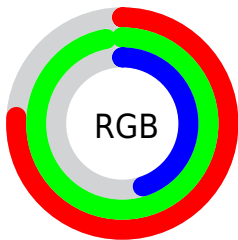
Format	Color
R _Y B	116, 247, 168
Decimal	12842868
CIE Lab	91.41, -36.66, 56.88
CIE LCh	91, 67.671, 122.807
Yxy	79.3916, 0.3527, 0.4752
Android (android.graphics.Color)	4291032948 (0xFFC3F774)
YUV	216.5180, -49.5554, -18.8713
Hunter-Lab	89.1020, -37.9047, 43.2384

Details

The YIQ color **216.5180, 11.0590, -51.7650** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **146.4820, -11.0590, 51.7650**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **245.1250, 26.3680, -26.3360**, and **159.8600, 10.0960, -50.8320** is the 20% darker color. If you saturate the color by 10%, you get **210.6780, 13.1240, -61.6600**, and if you desaturate by 10%, it is **222.3580, 8.9940, -41.8700**.

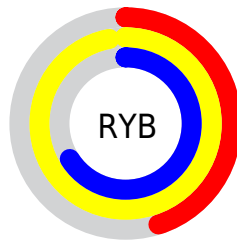
Distribution



Red (76%)

Green (97%)

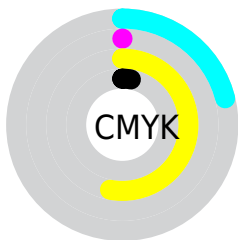
Blue (45%)



Red (45%)

Yellow (97%)

Blue (66%)

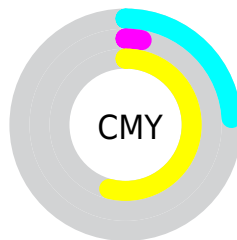


Cyan (21%)

Magenta (0%)

Yellow (53%)

Black (3%)



Cyan (24%)

Magenta (3%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.5180, 11.0590, -51.7650 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 216.5180, 11.0590, -51.7650 by changing the saturation by 10% instead.

■ 216.5180, 11.0590,
-51.7650

■ 216.5180, 11.0590,
-51.7650

■ 255.0000, -0.0000,
-0.0000

■ 187.7460, 10.4170,
-51.1430

■ 245.1250, 26.3680,
-26.3360

■ 159.8600, 10.0960,
-50.8320

■ 248.6160, 17.9760,
-17.4160

■ 132.6320, 10.7380,
-51.4540

■ 251.9220, 8.6670,
-8.3970

■ 105.2360, 11.7930,
-54.0550

■ 81.9010, 2.8510,
-46.1810

■ 58.5550, -7.5580,
-39.2540

■ 36.3940, -17.0500,

-32.4260

■ 24.0670, -11.2750,
-21.4430

■ 5.8700, -2.7500,
-5.2300

■ 216.5180, 11.0590,
-51.7650

■ 216.5180, 11.0590,
-51.7650

■ 210.6780, 13.1240,
-61.6600

■ 222.3580, 8.9940,
-41.8700

■ 204.9520, 14.8680,
-71.2440

■ 228.0840, 7.2500,
-32.2860


■ 199.1120, 16.9330,
-81.1390


■ 233.6250, 4.5890,
-22.6030

■ 193.5710, 19.5940,
-90.8220

■ 239.4650, 2.5240,
-12.7080

 189.5400, 20.8790,
-97.5930

 245.3050, 0.4590,
-2.8130

 250.0050, 1.6040,
3.9720

 250.3040, 2.2000,
4.1840

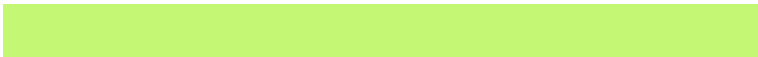
Harmonies

Analogous

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



221.3840, 58.8310, -36.4730



216.5180, 11.0590, -51.7650



200.2320, -61.4730, -58.8570

Triad

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



216.5180, 11.0590, -51.7650



177.5810, -151.4300, -53.0140



204.2610, 31.2630, 33.6550

Complementary

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



216.5180, 11.0590, -51.7650



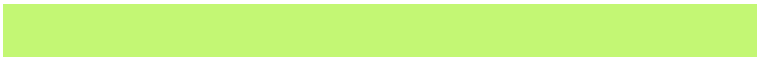
146.4820, -11.0590, 51.7650

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.



214.4970, 18.9750, 36.0870



216.5180, 11.0590, -51.7650



202.2970, -76.1520, -18.5840

Square

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



216.5180, 11.0590, -51.7650



178.7550, -151.9800, -54.0600



225.2850, 4.3520, 20.2560



202.3620, 49.0110, 9.3550

Rectangle

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



216.5180, 11.0590, -51.7650



173.8530, -138.1770, -67.4330



225.2850, 4.3520, 20.2560



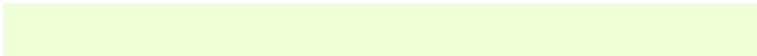
207.9430, 23.6510, 39.4510

Sweetspot

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



216.5180, 11.0590, -51.7650



245.5420, 3.6250, -16.1430



184.5190, 64.3260, 1.6220



122.1600, 2.0650, -9.8950



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.



216.5180, 11.0590, -51.7650



216.9830, 13.5830, -64.4730



197.3820, -27.0850, -65.3330



119.4360, 1.4680, -4.5800



142.6700, 15.6020, -73.5340



45.0980, 4.6350, -23.4370

Inverse Universe

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



146.4820, -11.0590, 51.7650



130.0170, -13.5830, 64.4730



165.6180, 27.0850, 65.3330



112.8630, -0.8720, 4.7920



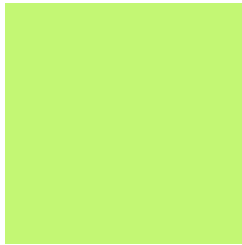
43.3300, -15.6020, 73.5340



13.6030, -5.2310, 23.2250

Previews

White Background



This preview shows how the YIQ color 216.5180, 11.0590, -51.7650 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 216.5180, 11.0590, -51.7650 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 216.5180, 11.0590, -51.7650

Background



This preview shows how black text looks on a background with the YIQ color 216.5180, 11.0590, -51.7650.



This preview shows how white text looks on a background with the YIQ color 216.5180, 11.0590, -51.7650.

-51.7650.

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

216.5180, 11.0590, -51.7650

Protanopia

223.4960, 52.8240, -32.2320

Deuteranopia

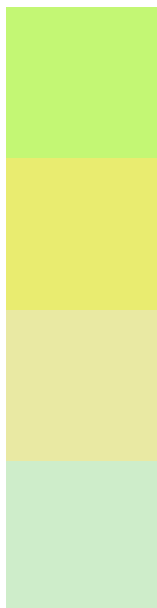
229.9800, 29.1150, -4.5250



Tritanopia

228.4850, -17.4230, 1.8810

Trichromacy



Original Color

216.5180, 11.0590, -51.7650

Protanomaly

220.9670, 38.0160, -39.2000

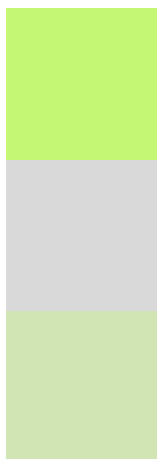
Deuteranomaly

225.0200, 22.4700, -21.7700

Tritanomaly

223.7410, -7.2410, -17.4570

Monochromacy



Original Color

216.5180, 11.0590, -51.7650

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

216.8470, 4.0840, -18.9560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.5180, 11.0590, -51.7650 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(195, 247, 116)` looks like.

```
.text, #text, p{  
    color:rgb(195, 247, 116)  
}
```

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(195, 247, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 247, 116) }
```

Border

The CSS property to change the border of an element to YIQ 216.5180, 11.0590, -51.7650 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(195, 247, 116) }
```


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

```
.border{ border-color:rgb(195, 247, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 247, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 247, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 247, 116);  
box-shadow:4px 4px 4px 4px rgb(195, 247,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 216.5180, 11.0590, -51.7650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 247, 116) }
```

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

```
.background{ background-color: rgb(195,  
247, 116) }
```

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