

Converting Colors

YIQ(180.1070, -45.4240,
-68.8800)

Have a look what the booklet for
YIQ(180.1070, -45.4240, -68.8800)
contains.

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Color

**YIQ(180.1070, -45.4240,
-68.8800)**

Conversions

Conversions Part 1

Format	Color
Hex	5EED71
RGB	94, 237, 113
RGB Percent	37%, 93%, 44%
CMY	0.6318, 0.0703, 0.5569
CMYK	0.60, 0.00, 0.52, 0.07
HSL	128°, 80%, 65%
HSV	128°, 60%, 93%
XYZ	37.8861, 64.1688, 26.0055
YIQ	180.1070, -45.4240, -68.8800

Conversions

Conversions Part 2

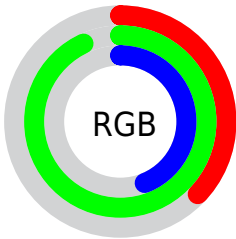
Format	Color
RYB	94, 220, 237
Decimal	6221169
CIELab	84.05, -63.29, 48.42
CIElCh	84, 79.687, 142.584
Yxy	64.1688, 0.2958, 0.5011
Android (android.graphics.Color)	4284411249 (0xFF5EED71)
YUV	180.1070, -33.0838, -75.5158
Hunter-Lab	80.1054, -55.7624, 36.8259

Details

The YIQ color **180.1070, -45.4240, -68.8800** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle muted spring green. A complement of this color would be **150.8930, 45.4240, 68.8800**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **215.3670, -30.7560, -48.3560**, and **112.6140, -69.0810, -75.1690** is the 20% darker color. If you saturate the color by 10%, you get **170.5370, -52.9870, -80.4990**, and if you desaturate by 10%, it is **189.6770, -37.8610, -57.2610**.

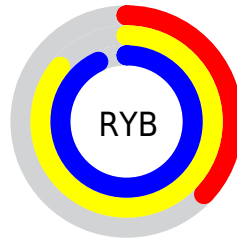
Distribution



Red (37%)

Green (93%)

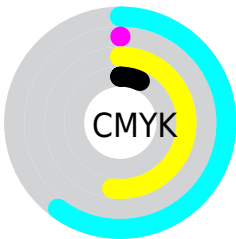
Blue (44%)



Red (37%)

Yellow (86%)

Blue (93%)

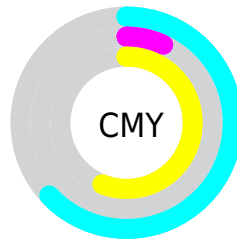


Cyan (60%)

Magenta (0%)

Yellow (52%)

Black (7%)



Cyan (63%)

Magenta (7%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.1070, -45.4240, -68.8800 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 180.1070, -45.4240, -68.8800 by changing the saturation by 10% instead.

180.1070,
-45.4240, -68.8800

180.1070,
-45.4240, -68.8800

255.0000, -0.0000,
-0.0000

149.3560,
-50.5590, -69.4310

215.3670,
-30.7560, -48.3560

112.6140,
-69.0810, -75.1690

227.8280,
-21.2680, -33.0760

92.9860, -52.3930,
-69.2330

240.1040,
-12.6970, -17.6970

73.3750, -34.3750,
-65.3750

252.6790, -3.5300,
-2.1060

58.1130, -27.2250,
-51.7770

43.4380, -20.3500,
-38.7020

29.9370, -14.0250,

-26.6730

■ 13.5010, -6.3250,
-12.0290

■ 0.0000, 0.0000,
0.0000

■ 180.1070,
-45.4240, -68.8800

■ 180.1070,
-45.4240, -68.8800

■ 170.5370,
-52.9870, -80.4990

■ 189.6770,
-37.8610, -57.2610

■ 161.0810,
-60.8710, -91.8070

■ 198.8340,
-30.5730, -46.1650

■ 151.8100,
-67.8380, -103.2140

■ 208.4040,
-23.0100, -34.5460

■ 142.7670,
-75.4470, -113.9990

■ 217.8600,
-15.1260, -23.2380

■ 227.1310, -8.1590,
-11.8310

■ 236.5870, -0.2750,
-0.5230

■ 244.4340, 4.9500,
9.4140

Harmonies

Analogous

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



194.6500, 36.6900, -59.2300



180.1070, -45.4240, -68.8800



164.6600, -127.4480, -69.1440

Triad

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



180.1070, -45.4240, -68.8800



160.5580, -143.4550, -37.8470



177.3830, 62.8540, 28.3100

Complementary

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



180.1070, -45.4240, -68.8800



150.8930, 45.4240, 68.8800

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.



184.2860, 39.2830, 53.5150



180.1070, -45.4240, -68.8800



197.6210, -32.0050, 12.8510

Square

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



180.1070, -45.4240, -68.8800



169.3630, -147.5800, -45.6920



201.5830, 25.0250, 47.5930



185.7080, 76.6150, -6.3370

Rectangle

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



180.1070, -45.4240, -68.8800



171.1750, -144.4150, -53.4950



201.5830, 25.0250, 47.5930



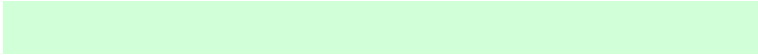
177.8850, 55.9290, 38.1770

Sweetspot

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



180.1070, -45.4240, -68.8800



236.6860, -14.5760, -22.1920



215.6150, 35.7710, -48.0770



116.4790, -9.2590, -13.9230



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.



180.1070, -45.4240, -68.8800



181.8580, -58.6250, -88.4570



187.9730, -67.5730, -47.4210



112.5710, -3.3460, -5.4420



108.9830, -57.4790, -87.1990



32.4960, -17.0970, -26.0650

Inverse Universe

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



150.8930, 45.4240, 68.8800



144.2560, 58.3040, 88.7680



143.0270, 67.5730, 47.4210



110.4290, 3.3460, 5.4420



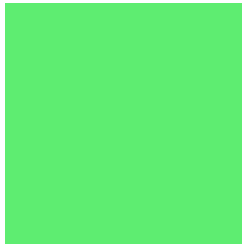
72.0170, 57.4790, 87.1990



21.3900, 17.4180, 25.7540

Previews

White Background



This preview shows how the YIQ color 180.1070, -45.4240, -68.8800 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 180.1070, -45.4240, -68.8800 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 180.1070, -45.4240, -68.8800 Background



This preview shows how black text looks on a background with the YIQ color 180.1070, -45.4240, -68.8800.



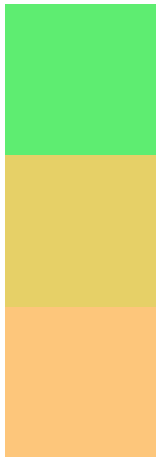
This preview shows how white text looks on a background with the YIQ color 180.1070, -45.4240, -68.8800.

-68.8800.

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

180.1070, -45.4240, -68.8800

Protanopia

202.6080, 46.8170, -27.9910

Deuteranopia

205.8950, 56.8550, -11.6650



Tritanopia

196.3480, -62.9940, -14.7540

Trichromacy



Original Color

180.1070, -45.4240, -68.8800



Protanomaly

194.8700, 13.3040, -42.8880



Deuteranomaly

196.3150, 19.7210, -32.5270



Tritanomaly

190.3370, -56.4340, -34.5300

Monochromacy



Original Color

180.1070, -45.4240, -68.8800



Achromatopsia

180.0000, -0.0000, -0.0000



Achromatomaly

180.3220, -16.5470, -25.0190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.1070, -45.4240, -68.8800 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(94, 237, 113)` looks like.

```
.text, #text, p{  
    color:rgb(94, 237, 113)  
}
```

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(94, 237, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 237, 113) }
```

Border

The CSS property to change the border of an element to YIQ 180.1070, -45.4240, -68.8800 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(94, 237, 113) }
```


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

```
.border{ border-color:rgb(94, 237, 113) }
```

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

Here you see how a box with a 4 pixel rgb(94, 237, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 237, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 237, 113);  
box-shadow:4px 4px 4px 4px rgb(94, 237,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 180.1070, -45.4240, -68.8800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 237, 113) }
```

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

```
.background{ background-color: rgb(94, 237,  
113) }
```

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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