

Converting Colors

YIQ(197.1670, -45.6530,
-70.2370)

Have a look what the booklet for
YIQ(197.1670, -45.6530, -70.2370)
contains.

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Color

**YIQ(197.1670, -45.6530,
-70.2370)**

Conversions

Conversions Part 1

Format	Color
Hex	6EFF80
RGB	110, 255, 128
RGB Percent	43%, 100%, 50%
CMY	0.5690, 0.0000, 0.4981
CMYK	0.57, 0.00, 0.50, 0.00
HSL	127°, 100%, 72%
HSV	127°, 57%, 100%
XYZ	46.0719, 76.3860, 32.7305
YIQ	197.1670, -45.6530, -70.2370

Conversions

Conversions Part 2

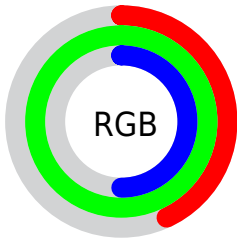
Format	Color
RYB	110, 239, 255
Decimal	7274368
CIELab	90.04, -64.29, 48.85
CIELCh	90, 80.746, 142.774
Yxy	76.3860, 0.2969, 0.4922
Android (android.graphics.Color)	4285464448 (0xFF6EFF80)
YUV	197.1670, -34.0993, -76.4455
Hunter-Lab	87.3991, -58.8533, 38.9756

Details

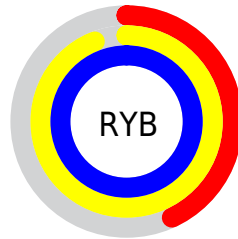
The YIQ color **197.1670, -45.6530, -70.2370** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **167.8330, 45.6530, 70.2370**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.9750, -26.3560, -39.9880**, and **134.3550, -57.9860, -72.4980** is the 20% darker color. If you saturate the color by 10%, you get **186.8850, -54.0870, -82.5910**, and if you desaturate by 10%, it is **207.1500, -37.8150, -58.0950**.

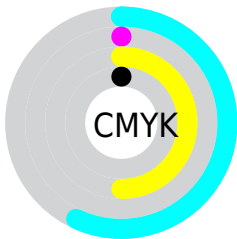
Distribution



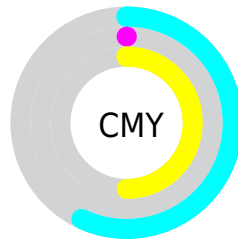
- Red (43%)
- Green (100%)
- Blue (50%)



- Red (43%)
- Yellow (94%)
- Blue (100%)



- Cyan (57%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)



- Cyan (57%)
- Magenta (0%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.1670, -45.6530, -70.2370 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 197.1670, -45.6530, -70.2370 by changing the saturation by 10% instead.

197.1670,
-45.6530, -70.2370

197.1670,
-45.6530, -70.2370

255.0000, -0.0000,
-0.0000

166.9000,
-49.2750, -70.6750

221.9750,
-26.3560, -39.9880

134.3550,
-57.9860, -72.4980

234.1370,
-17.4640, -24.9200

104.7890,
-62.2040, -73.1480

246.7120, -8.2970,
-9.3290

85.5200, -45.1490,
-68.3570

67.5050, -31.6250,
-60.1450

52.2430, -24.4750,
-46.5470

37.5680, -17.6000,

-33.4720

■ 23.4800, -11.0000,
-20.9200

■ 0.0000, 0.0000,
0.0000

■ 197.1670,
-45.6530, -70.2370

■ 197.1670,
-45.6530, -70.2370

■ 186.8850,
-54.0870, -82.5910

■ 207.1500,
-37.8150, -58.0950

■ 176.7880,
-61.6040, -95.0440

■ 217.5460,
-29.7020, -45.4300

■ 166.5060,
-70.0380, -107.3980

■ 227.5290,
-21.8640, -33.2880

■ 156.5230,
-77.8760, -119.5400

■ 237.8110,
-13.4300, -20.9340

■ 153.3330,
-80.3970, -123.4130

■ 247.9080, -5.9130,
-8.4810

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



211.5360, 37.0110, -59.5410



197.1670, -45.6530, -70.2370



173.0550, -135.9300, -69.6100

Triad

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



197.1670, -45.6530, -70.2370



170.5370, -148.1300, -46.7380



189.0720, 53.3640, 24.0840

Complementary

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



197.1670, -45.6530, -70.2370



167.8330, 45.6530, 70.2370

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.



196.2030, 29.1510, 49.9110



197.1670, -45.6530, -70.2370



212.6940, -25.0810, 8.5110

Square

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



197.1670, -45.6530, -70.2370



178.7550, -151.9800, -54.0600



210.9750, 20.6250, 39.2250



197.2830, 67.4460, -10.8740

Rectangle

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



197.1670, -45.6530, -70.2370



178.7550, -151.9800, -54.0600



210.9750, 20.6250, 39.2250



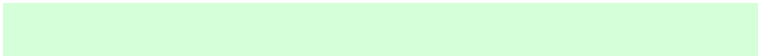
189.1010, 46.3930, 34.7850

Sweetspot

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



197.1670, -45.6530, -70.2370



237.8110, -13.4300, -20.9340



233.3870, 36.4130, -48.6990



117.6040, -8.1130, -12.6650



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.



197.1670, -45.6530, -70.2370



185.9450, -54.3160, -83.9480



205.2610, -68.4440, -48.1560



122.7450, -3.8960, -6.4880



114.8530, -60.2290, -92.4290



38.4800, -20.1680, -30.9840

Inverse Universe

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



167.8330, 45.6530, 70.2370



150.9410, 54.6370, 83.6370



159.7390, 68.4440, 48.1560



120.1410, 4.2170, 6.1770



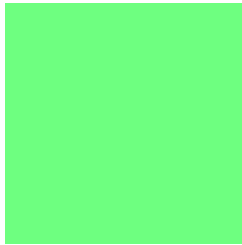
76.1470, 60.2290, 92.4290



25.5200, 20.1680, 30.9840

Previews

White Background



This preview shows how the YIQ color 197.1670, -45.6530, -70.2370 looks on a white background.

Color Contrast Check

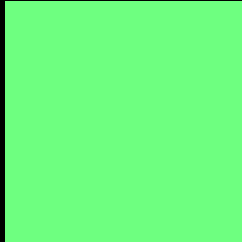
Large Text (above 18pt) WCAG AA × Fail

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 197.1670, -45.6530, -70.2370 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 197.1670, -45.6530, -70.2370 Background



This preview shows how black text looks on a background with the YIQ color 197.1670, -45.6530, -70.2370.



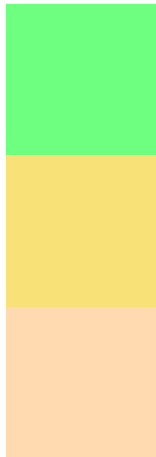
This preview shows how white text looks on a background with the YIQ color 197.1670, -45.6530, -70.2370.

-70.2370.

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

197.1670, -45.6530, -70.2370

Protanopia

219.6790, 48.0550, -28.4010

Deuteranopia

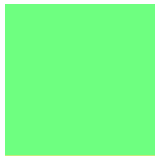
224.3890, 35.2130, -4.9070



Tritanopia

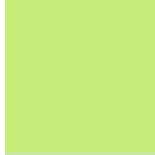
216.0180, -53.1370, -11.6730

Trichromacy



Original Color

197.1670, -45.6530, -70.2370



Protanomaly

211.6420, 13.9460, -43.5100



Deuteranomaly

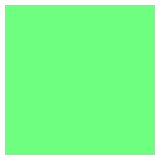
214.1210, 5.8280, -28.5400



Tritanomaly

209.2130, -50.1530, -32.7210

Monochromacy



Original Color

197.1670, -45.6530, -70.2370



Achromatopsia

197.0000, -0.0000, -0.0000



Achromatomaly

196.9090, -16.8220, -25.5420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.1670, -45.6530, -70.2370 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(110, 255, 128)` looks like.

```
.text, #text, p{  
    color:rgb(110, 255, 128)  
}
```

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(110, 255, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 255, 128) }
```

Border

The CSS property to change the border of an element to YIQ 197.1670, -45.6530, -70.2370 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(110, 255, 128) }
```


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

```
.border{ border-color:rgb(110, 255, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 255, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 255, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 255, 128);  
box-shadow:4px 4px 4px 4px rgb(110, 255,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 197.1670, -45.6530, -70.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 255, 128) }
```

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

```
.background{ background-color: rgb(110,  
255, 128) }
```

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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