

Converting Colors

YIQ(171.5350, -58.6730,
-76.5690)

Have a look what the booklet for
YIQ(171.5350, -58.6730, -76.5690)
contains.

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Color

**YIQ(171.5350, -58.6730,
-76.5690)**

Conversions

Conversions Part 1

Format	Color
Hex	44ED6A
RGB	68, 237, 106
RGB Percent	27%, 93%, 42%
CMY	0.7338, 0.0703, 0.5844
CMYK	0.71, 0.00, 0.55, 0.07
HSL	134°, 83%, 60%
HSV	134°, 71%, 93%
XYZ	35.2797, 62.8737, 23.9029
YIQ	171.5350, -58.6730, -76.5690

Conversions

Conversions Part 2

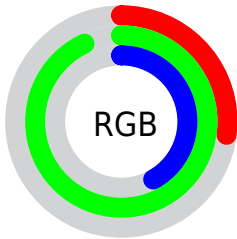
Format	Color
RYB	68, 206, 237
Decimal	4517226
CIELab	83.38, -69.01, 50.69
CIElCh	83, 85.625, 143.703
Yxy	62.8737, 0.2890, 0.5151
Android (android.graphics.Color)	4282707306 (0xFF44ED6A)
YUV	171.5350, -32.3088, -90.8002
Hunter-Lab	79.2930, -59.3429, 37.6320

Details

The YIQ color **171.5350, -58.6730, -76.5690** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted spring green. A complement of this color would be **133.4650, 58.6730, 76.5690**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **208.8880, -39.8330, -54.5610**, and **111.7020, -66.5130, -77.6570** is the 20% darker color. If you saturate the color by 10%, you get **162.3070, -67.1990, -87.2550**, and if you desaturate by 10%, it is **180.7630, -50.1470, -65.8830**.

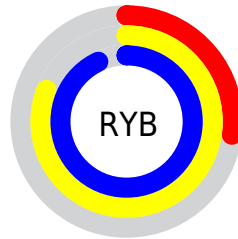
Distribution



Red (27%)

Green (93%)

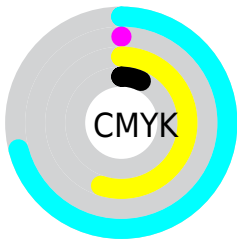
Blue (42%)



Red (27%)

Yellow (81%)

Blue (93%)

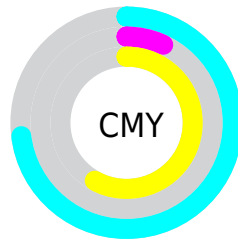


Cyan (71%)

Magenta (0%)

Yellow (55%)

Black (7%)



Cyan (73%)

Magenta (7%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.5350, -58.6730, -76.5690 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 171.5350, -58.6730, -76.5690 by changing the saturation by 10% instead.

■ 171.5350,
-58.6730, -76.5690

■ 171.5350,
-58.6730, -76.5690

■ 255.0000, -0.0000,
-0.0000

■ 132.2980,
-80.1750, -83.3670

■ 208.8880,
-39.8330, -54.5610

■ 111.7020,
-66.5130, -77.6570

■ 221.6480,
-29.7490, -39.0690

■ 91.8460, -49.1830,
-72.3430

■ 234.2230,
-20.5820, -23.4780

■ 73.3750, -34.3750,
-65.3750

■ 246.7980,
-11.4150, -7.8870

■ 57.5260, -26.9500,
-51.2540

■ 42.8510, -20.0750,
-38.1790

■ 28.7630, -13.4750,

-25.6270

■ 11.7400, -5.5000,
-10.4600

■ 0.0000, 0.0000,
0.0000

■ 171.5350,
-58.6730, -76.5690

■ 171.5350,
-58.6730, -76.5690

■ 162.3070,
-67.1990, -87.2550

■ 180.7630,
-50.1470, -65.8830


■ 152.9650,
-75.4040, -98.2520


■ 189.8060,
-42.5380, -55.0980

■ 145.1610,
-82.1880, -107.4680


■ 199.0340,
-34.0120, -44.4120


■ 208.2620,
-25.4860, -33.7260

 217.3050,
-17.8770, -22.9410

 226.5330, -9.3510,
-12.2550

 235.8750, -1.1460,
-1.2580

 244.2060, 5.5920,
8.7920

 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.



189.0490, 39.5800, -67.5560



171.5350, -58.6730, -76.5690



164.5460, -127.1270, -69.4550

Triad

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



171.5350, -58.6730, -76.5690



159.3840, -142.9050, -36.8010



171.1880, 67.8970, 30.5290

Complementary

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



171.5350, -58.6730, -76.5690



133.4650, 58.6730, 76.5690

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.



177.3730, 43.5920, 58.0240



171.5350, -58.6730, -76.5690



194.6750, -32.0970, 14.5190

Square

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



171.5350, -58.6730, -76.5690



169.3630, -147.5800, -45.6920



197.4740, 26.9500, 51.2540



181.7640, 82.2090, -8.5990

Rectangle

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



171.5350, -58.6730, -76.5690



171.6310, -145.6990, -52.2510



197.4740, 26.9500, 51.2540



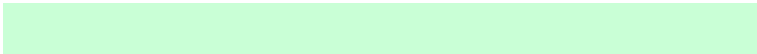
170.6300, 61.2010, 41.7530

Sweetspot

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



171.5350, -58.6730, -76.5690



234.1800, -19.0230, -24.1990



206.6710, 32.1970, -60.4030



115.5820, -11.0470, -14.5590



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.



171.5350, -58.6730, -76.5690



170.1390, -75.9540, -99.2980



180.9970, -85.3160, -50.7560



112.6850, -3.6670, -5.1310



110.9210, -62.9360, -81.9120



33.0660, -18.7020, -24.5100

Inverse Universe

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



133.4650, 58.6730, 76.5690



120.8610, 75.9540, 99.2980



124.0030, 85.3160, 50.7560



110.3150, 3.6670, 5.1310



70.0790, 62.9360, 81.9120



20.8200, 19.0230, 24.1990

Previews

White Background



This preview shows how the YIQ color 171.5350, -58.6730, -76.5690 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 171.5350, -58.6730, -76.5690 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

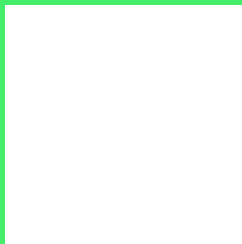
Any Text WCAG AAA ✓ Pass

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

YIQ 171.5350, -58.6730, -76.5690 Background



This preview shows how black text looks on a background with the YIQ color 171.5350, -58.6730, -76.5690.



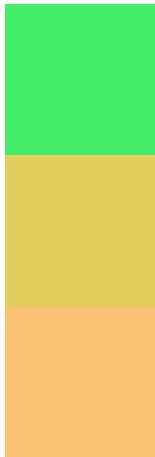
This preview shows how white text looks on a background with the YIQ color 171.5350, -58.6730, -76.5690.

-76.5690.

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

171.5350, -58.6730, -76.5690

Protanopia

200.0380, 48.4220, -29.5460

Deuteranopia

203.4390, 58.1390, -12.9090



Tritanopia

191.8630, -71.9340, -17.9340

Trichromacy



Original Color

171.5350, -58.6730, -76.5690



Protanomaly

189.6090, 9.5450, -46.3510



Deuteranomaly

191.7550, 15.3660, -36.2020



Tritanomaly

184.4280, -67.1160, -39.1800

Monochromacy



Original Color

171.5350, -58.6730, -76.5690



Achromatopsia

172.0000, -0.0000, -0.0000



Achromatomaly

171.9900, -21.5440, -28.0720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.5350, -58.6730, -76.5690 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(68, 237, 106)` looks like.

```
.text, #text, p{  
    color:rgb(68, 237, 106)  
}
```

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(68, 237, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 237, 106) }
```

Border

The CSS property to change the border of an element to YIQ 171.5350, -58.6730, -76.5690 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(68, 237, 106) }
```


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

```
.border{ border-color:rgb(68, 237, 106) }
```

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

Here you see how a box with a 4 pixel rgb(68, 237, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 237, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 237, 106);  
box-shadow:4px 4px 4px 4px rgb(68, 237,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 171.5350, -58.6730, -76.5690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 237, 106) }
```

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

```
.background{ background-color: rgb(68, 237,  
106) }
```

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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