

Converting Colors

YIQ(185.2060, -5.8580,
-59.0580)

Have a look what the booklet for
YIQ(185.2060, -5.8580, -59.0580)
contains.

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Color

**YIQ(185.2060, -5.8580,
-59.0580)**

Conversions

Conversions Part 1

Format	Color
Hex	8FE15B
RGB	143, 225, 91
RGB Percent	56%, 88%, 36%
CMY	0.4395, 0.1175, 0.6430
CMYK	0.36, 0.00, 0.60, 0.12
HSL	97°, 69%, 62%
HSV	97°, 60%, 88%
XYZ	40.1391, 60.4579, 19.4562
YIQ	185.2060, -5.8580, -59.0580

Conversions

Conversions Part 2

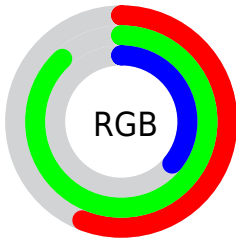
Format	Color
RYB	91, 225, 173
Decimal	9429339
CIELab	82.09, -47.66, 56.47
CIELCh	82, 73.889, 130.165
Yxy	60.4579, 0.3343, 0.5036
Android (android.graphics.Color)	4287619419 (0xFF8FE15B)
YUV	185.2060, -46.4436, -37.0147
Hunter-Lab	77.7547, -43.9241, 39.5924

Details

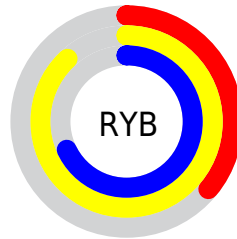
The YIQ color **185.2060, -5.8580, -59.0580** is a light color, and the websafe version is hex **66CC33**. The color can be described as light muted chartreuse. A complement of this color would be **130.7940, 5.8580, 59.0580**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.3140, 3.1260, -45.6580**, and **128.9070, -6.4540, -59.2700** is the 20% darker color. If you saturate the color by 10%, you get **178.5120, -7.1400, -68.8680**, and if you desaturate by 10%, it is **192.0140, -4.8970, -48.9370**.

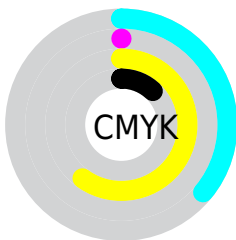
Distribution



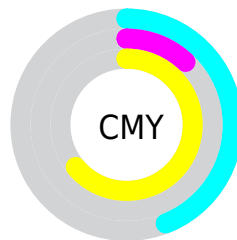
- Red (56%)
- Green (88%)
- Blue (36%)



- Red (36%)
- Yellow (88%)
- Blue (68%)



- Cyan (36%)
- Magenta (0%)
- Yellow (60%)
- Black (12%)



- Cyan (44%)
- Magenta (12%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.2060, -5.8580, -59.0580 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 185.2060, -5.8580, -59.0580 by changing the saturation by 10% instead.

■ 185.2060, -5.8580,
-59.0580

■ 185.2060, -5.8580,
-59.0580

■ 255.0000, -0.0000,
-0.0000

■ 157.3200, -6.1790,
-58.7470

■ 226.3140, 3.1260,
-45.6580

■ 128.9070, -6.4540,
-59.2700

■ 238.1770, 11.4220,
-30.8020

■ 100.0980, -5.6740,
-62.3940

■ 248.8440, 17.3340,
-16.7940

■ 73.7730, -20.5760,
-56.6400

■ 252.1500, 8.0250,
-7.7750

■ 53.4170, -25.0250,
-47.5930

■ 38.7420, -18.1500,
-34.5180

■ 25.8280, -12.1000,

-23.0120

■ 8.2180, -3.8500,
-7.3220

■ 0.0000, 0.0000,
0.0000

■ 185.2060, -5.8580,
-59.0580

■ 185.2060, -5.8580,
-59.0580

■ 178.5120, -7.1400,
-68.8680

■ 192.0140, -4.8970,
-48.9370

■ 171.7040, -8.1010,
-78.9890


■ 198.7080, -3.6150,
-39.1270


■ 165.3090, -8.7870,
-88.5870


■ 205.2170, -3.2500,
-29.2180

■ 158.5010, -9.7480,
-98.7080

■ 211.9110, -1.9680,
-19.4080

 158.0880,
-10.0230, -99.2310

 218.7190, -1.0070,
-9.2870

 225.4130, 0.2750,
0.5230

 231.9220, 0.6400,
10.4320

 236.7920, 7.0580,
15.2660

 237.3900, 8.2500,
15.6900

Harmonies

Analogous

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



193.5050, 56.6320, -46.1840



185.2060, -5.8580, -59.0580



154.9140, -113.7840, -74.4880

Triad

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



185.2060, -5.8580, -59.0580



160.5580, -143.4550, -37.8470



178.7000, 55.0120, 38.2760

Complementary

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



185.2060, -5.8580, -59.0580



130.7940, 5.8580, 59.0580

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.



191.9630, 30.0670, 55.3390



185.2060, -5.8580, -59.0580



181.1100, -73.5870, -4.4910

Square

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



185.2060, -5.8580, -59.0580



167.0150, -146.4800, -43.6000



203.5440, 11.5930, 37.7130



181.2690, 71.2020, 9.1700

Rectangle

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



185.2060, -5.8580, -59.0580



162.1470, -130.0170, -61.1290



203.5440, 11.5930, 37.7130



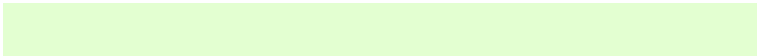
181.4360, 47.3080, 45.7400

Sweetspot

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



185.2060, -5.8580, -59.0580



241.3840, -1.9220, -20.2420



178.0260, 57.8640, -13.4320



119.3120, -1.4190, -12.8350



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.



185.2060, -5.8580, -59.0580



201.1770, -8.0550, -79.8230



171.1400, -41.0230, -66.0390



108.6530, -0.6410, -4.9050



123.6440, -7.8720, -77.6320



33.8570, -1.8760, -21.0760

Inverse Universe

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



130.7940, 5.8580, 59.0580



127.8230, 8.0550, 79.8230



144.8600, 41.0230, 66.0390



104.3470, 0.6410, 4.9050



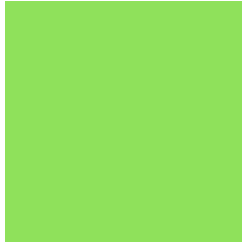
52.3560, 7.8720, 77.6320



14.4420, 2.4720, 21.2880

Previews

White Background



This preview shows how the YIQ color 185.2060, -5.8580, -59.0580 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 185.2060, -5.8580, -59.0580 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 185.2060, -5.8580, -59.0580

Background



This preview shows how black text looks on a background with the YIQ color 185.2060, -5.8580, -59.0580.



This preview shows how white text looks on a background with the YIQ color 185.2060, -5.8580,

-59.0580.

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

185.2060, -5.8580, -59.0580

Protanopia

196.4250, 51.5860, -31.8220

Deuteranopia

199.4410, 63.8250, -16.8390



Tritanopia

198.8850, -33.4690, -4.6770

Trichromacy



Original Color

185.2060, -5.8580, -59.0580

Protanomaly

192.3790, 30.8640, -41.7440

Deuteranomaly

194.4820, 38.2440, -32.3160

Tritanomaly

193.7280, -23.5620, -24.5380

Monochromacy



Original Color

185.2060, -5.8580, -59.0580

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

185.4440, -2.1510, -21.5990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.2060, -5.8580, -59.0580 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(143, 225, 91)` looks like.

```
.text, #text, p{  
    color:rgb(143, 225, 91)  
}
```

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(143, 225, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 225, 91) }
```

Border

The CSS property to change the border of an element to YIQ 185.2060, -5.8580, -59.0580 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(143, 225, 91) }
```


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

```
.border{ border-color:rgb(143, 225, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 225, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 225, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 225, 91);  
box-shadow:4px 4px 4px 4px rgb(143, 225,  
91) }
```

Background

The CSS property to change the background color of an element to YIQ 185.2060, -5.8580, -59.0580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 225, 91) }
```

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

```
.background{ background-color: rgb(143,  
225, 91) }
```

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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