

Converting Colors

YIQ(185.0750, -59.5930,
-59.8890)

Have a look what the booklet for
YIQ(185.0750, -59.5930, -59.8890)
contains.

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Color

**YIQ(185.0750, -59.5930,
-59.8890)**

Conversions

Conversions Part 1

Format	Color
Hex	5BF095
RGB	91, 240, 149
RGB Percent	36%, 94%, 58%
CMY	0.6435, 0.0586, 0.4158
CMYK	0.62, 0.00, 0.38, 0.06
HSL	143°, 83%, 65%
HSV	143°, 62%, 94%
XYZ	40.9039, 66.7443, 39.1431
YIQ	185.0750, -59.5930, -59.8890

Conversions

Conversions Part 2

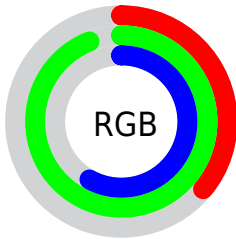
Format	Color
RYB	91, 198, 240
Decimal	6025365
CIELab	85.37, -59.46, 32.57
CIELCh	85, 67.801, 151.286
Yxy	66.7443, 0.2787, 0.4547
Android (android.graphics.Color)	4284215445 (0xFF5BF095)
YUV	185.0750, -17.7850, -82.5038
Hunter-Lab	81.6972, -53.5992, 28.7807

Details

The YIQ color **185.0750, -59.5930, -59.8890** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **145.9250, 59.5930, 59.8890**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.9870, -43.8250, -37.2730**, and **118.4790, -81.4620, -65.5420** is the 20% darker color. If you saturate the color by 10%, you get **176.1890, -69.0820, -69.6420**, and if you desaturate by 10%, it is **193.9610, -50.1040, -50.1360**.

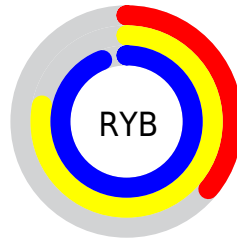
Distribution



Red (36%)

Green (94%)

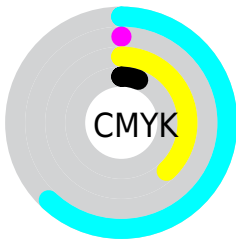
Blue (58%)



Red (36%)

Yellow (78%)

Blue (94%)

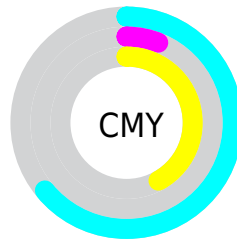


Cyan (62%)

Magenta (0%)

Yellow (38%)

Black (6%)



Cyan (64%)

Magenta (6%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.0750, -59.5930, -59.8890 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 185.0750, -59.5930, -59.8890 by changing the saturation by 10% instead.

■ 185.0750,
-59.5930, -59.8890

■ 185.0750,
-59.5930, -59.8890

■ 255.0000, -0.0000,
-0.0000

■ 154.3240,
-64.7280, -60.4400

■ 218.9870,
-43.8250, -37.2730

■ 118.4790,
-81.4620, -65.5420

■ 231.1490,
-34.9330, -22.2050

■ 99.1930, -65.7370,
-58.6730

■ 242.7410,
-24.4360, -8.6920

■ 80.6080, -50.6080,
-52.0160

■ 252.0100, -5.9600,
-2.1200

■ 62.6100, -35.7540,
-45.8820

■ 44.6120, -20.9000,
-39.7480

■ 31.1110, -14.5750,

-27.7190

■ 15.8490, -7.4250,
-14.1210

■ 0.0000, 0.0000,
0.0000

■ 185.0750,
-59.5930, -59.8890

■ 185.0750,
-59.5930, -59.8890

■ 176.1890,
-69.0820, -69.6420

■ 193.9610,
-50.1040, -50.1360

■ 167.4170,
-78.8920, -79.0840

■ 202.7330,
-40.2940, -40.6940

■ 158.5310,
-88.3810, -88.8370

■ 211.6190,
-30.8050, -30.9410

■ 151.4820,
-95.8530, -96.5970

■ 220.5050,
-21.3160, -21.1880

■ 229.2770,
-11.5060, -11.7460

■ 238.1630, -2.0170,
-1.9930

■ 245.8530, 5.0880,
6.9120

■ 246.1950, 4.1250,
7.8450

Harmonies

Analogous

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



199.6000, 13.7640, -51.2280



185.0750, -59.5930, -59.8890



168.2110, -136.0690, -61.5810

Triad

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



185.0750, -59.5930, -59.8890



181.8420, -93.8040, -18.0600



190.2000, 58.4550, 14.4150

Complementary

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



185.0750, -59.5930, -59.8890



145.9250, 59.5930, 59.8890

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.



192.0990, 40.7070, 38.7150



185.0750, -59.5930, -59.8890



209.3150, -4.3600, 23.9600

Square

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



185.0750, -59.5930, -59.8890



167.6020, -146.7550, -44.1230



205.1050, 23.3750, 44.4550



197.4140, 68.4550, -12.6410

Rectangle

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



185.0750, -59.5930, -59.8890



172.8850, -149.2300, -48.8300



205.1050, 23.3750, 44.4550



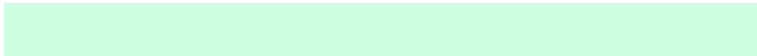
189.5450, 53.4100, 23.2500

Sweetspot

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



185.0750, -59.5930, -59.8890



237.2280, -18.9780, -19.5060



205.9710, 13.8570, -58.4230



116.9780, -12.1020, -11.9580



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.



185.0750, -59.5930, -59.8890



184.5530, -76.2790, -76.8790



193.5110, -83.3470, -36.8750



115.6140, -4.9050, -4.7210



116.1020, -73.3910, -74.1510



35.3800, -22.4620, -22.4460

Inverse Universe

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



145.9250, 59.5930, 59.8890



134.4470, 76.2790, 76.8790



137.4890, 83.3470, 36.8750



112.3860, 4.9050, 4.7210



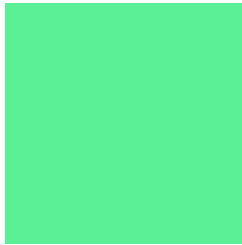
67.7840, 73.7120, 73.8400



20.6200, 22.4620, 22.4460

Previews

White Background



This preview shows how the YIQ color 185.0750, -59.5930, -59.8890 looks on a white background.

Color Contrast Check

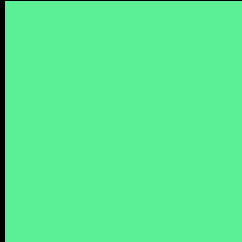
Large Text (above 18pt) WCAG AA × Fail

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 185.0750, -59.5930, -59.8890 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 185.0750, -59.5930, -59.8890 Background



This preview shows how black text looks on a background with the YIQ color 185.0750, -59.5930, -59.8890.



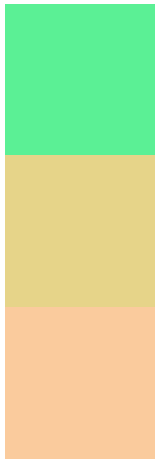
This preview shows how white text looks on a background with the YIQ color 185.0750, -59.5930, -59.8890.

-59.8890.

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

185.0750, -59.5930, -59.8890

Protanopia

208.8320, 34.8030, -19.5090

Deuteranopia

211.8090, 42.7780, -4.3420



Tritanopia

198.1730, -69.8710, -16.7750

Trichromacy



Original Color

185.0750, -59.5930, -59.8890



Protanomaly

199.9090, 0.3730, -34.3070



Deuteranomaly

201.7560, 5.5980, -24.3700



Tritanomaly

193.1280, -65.9710, -32.3950

Monochromacy



Original Color

185.0750, -59.5930, -59.8890



Achromatopsia

185.0000, -0.0000, -0.0000



Achromatomaly

185.0920, -21.5910, -21.7110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.0750, -59.5930, -59.8890 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(91, 240, 149)` looks like.

```
.text, #text, p{  
    color:rgb(91, 240, 149)  
}
```

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(91, 240, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 240, 149) }
```

Border

The CSS property to change the border of an element to YIQ 185.0750, -59.5930, -59.8890 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(91, 240, 149) }
```


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

```
.border{ border-color:rgb(91, 240, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 240, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 240, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 240, 149);  
box-shadow:4px 4px 4px 4px rgb(91, 240,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 185.0750, -59.5930, -59.8890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 240, 149) }
```

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

```
.background{ background-color: rgb(91, 240,  
149) }
```

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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