

Converting Colors

YIQ(183.8010, -53.3100,
-69.1340)

Have a look what the booklet for
YIQ(183.8010, -53.3100, -69.1340)
contains.

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Color

**YIQ(183.8010, -53.3100,
-69.1340)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5AF37D |
| RGB | 90, 243, 125 |
| RGB Percent | 35%, 95%, 49% |
| CMY | 0.6475, 0.0468, 0.5099 |
| CMYK | 0.63, 0.00, 0.49, 0.05 |
| HSL | 134°, 87%, 65% |
| HSV | 134°, 63%, 95% |
| XYZ | 39.9751, 67.7875, 30.3692 |
| YIQ | 183.8010, -53.3100, -69.1340 |

Conversions

Conversions Part 2

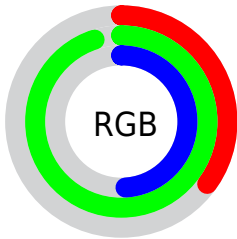
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 90, 215, 243 |
| Decimal | 5960573 |
| CIELab | 85.90, -64.61, 45.02 |
| CIELCh | 86, 78.744, 145.133 |
| Yxy | 67.7875, 0.2894, 0.4907 |
| Android (android.graphics.Color) | 4284150653 (0xFF5AF37D) |
| YUV | 183.8010, -28.9889, -82.2635 |
| Hunter-Lab | 82.3331, -57.4162, 35.7637 |

Details

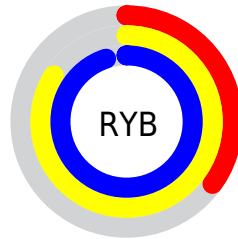
The YIQ color **183.8010, -53.3100, -69.1340** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **149.1990, 53.3100, 69.1340**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **216.1370, -35.8000, -45.0480**, and **117.5040, -74.5830, -74.5750** is the 20% darker color. If you saturate the color by 10%, you get **174.4590, -61.5150, -80.1310**, and if you desaturate by 10%, it is **193.1430, -45.1050, -58.1370**.

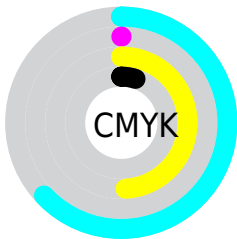
Distribution



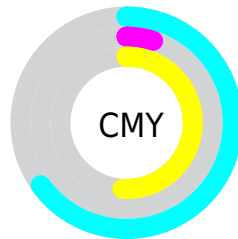
- Red (35%)
- Green (95%)
- Blue (49%)



- Red (35%)
- Yellow (84%)
- Blue (95%)



- Cyan (63%)
- Magenta (0%)
- Yellow (49%)
- Black (5%)



- Cyan (65%)
- Magenta (5%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 183.8010, -53.3100, -69.1340 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 183.8010, -53.3100, -69.1340 by changing the saturation by 10% instead.

■ 183.8010,
-53.3100, -69.1340

■ 183.8010,
-53.3100, -69.1340

■ 255.0000, -0.0000,
-0.0000

■ 152.4520,
-59.6370, -70.1090

■ 216.1370,
-35.8000, -45.0480

■ 117.5040,
-74.5830, -74.5750

■ 228.2990,
-26.9080, -29.9800

■ 98.1040, -58.5370,
-68.0170

■ 240.8740,
-17.7410, -14.3890

■ 79.0630, -42.1240,
-62.6040

■ 252.3090, -5.3640,
-1.9080

■ 61.0480, -28.6000,
-54.3920

■ 45.7860, -21.4500,
-40.7940

■ 32.2850, -15.1250,

-28.7650

■ 17.0230, -7.9750,
-15.1670

■ 0.0000, 0.0000,
0.0000

■ 183.8010,
-53.3100, -69.1340

■ 183.8010,
-53.3100, -69.1340

■ 174.4590,
-61.5150, -80.1310

■ 193.1430,
-45.1050, -58.1370

■ 164.8180,
-70.3160, -91.3400

■ 202.6700,
-35.9830, -47.2390

■ 155.5900,
-78.8420, -102.0260

■ 212.0120,
-27.7780, -36.2420

■ 149.0250,
-84.8010, -109.6730

■ 221.3540,
-19.5730, -25.2450

■ 230.6960,
-11.3680, -14.2480

■ 240.2230, -2.2460,
-3.3500

■ 247.9560, 3.3000,
6.2760

Harmonies

Analogous

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



199.3550, 30.2710, -58.5370



183.8010, -53.3100, -69.1340



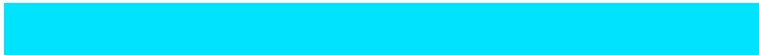
169.5500, -132.9500, -68.5500

Triad

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



183.8010, -53.3100, -69.1340



162.3190, -144.2800, -39.4160



182.6660, 60.3790, 23.6030

Complementary

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



183.8010, -53.3100, -69.1340



149.1990, 53.3100, 69.1340

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.



187.5800, 38.2750, 49.7550



183.8010, -53.3100, -69.1340



204.4760, -21.2310, 15.8330

Square

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



183.8010, -53.3100, -69.1340



171.7110, -148.6800, -47.7840



203.9310, 23.9250, 45.5010



191.2190, 73.4980, -10.4220

Rectangle

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



183.8010, -53.3100, -69.1340



176.0650, -149.9170, -52.9010



203.9310, 23.9250, 45.5010



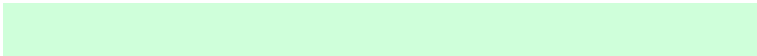
181.8800, 54.3250, 34.2050

Sweetspot

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



183.8010, -53.3100, -69.1340



236.4300, -16.7310, -21.6830



215.6910, 29.4450, -54.5790



116.4080, -10.4970, -13.5130



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.



183.8010, -53.3100, -69.1340



180.0080, -67.7950, -87.4670



192.3510, -77.3850, -45.8090



117.3860, -4.2630, -5.3430



114.0840, -64.9530, -83.9050



36.1150, -20.3980, -26.8140

Inverse Universe

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



149.1990, 53.3100, 69.1340



136.1060, 67.4740, 87.7780



140.6490, 77.3850, 45.8090



114.7280, 3.9420, 5.6540



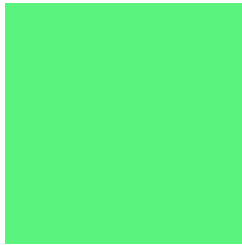
72.0300, 64.6320, 84.2160



22.7710, 20.7190, 26.5030

Previews

White Background



This preview shows how the YIQ color 183.8010, -53.3100, -69.1340 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 183.8010, -53.3100, -69.1340 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

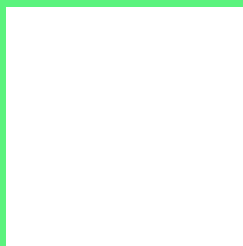
Any Text WCAG AAA ✓ Pass

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

YIQ 183.8010, -53.3100, -69.1340 Background



This preview shows how black text looks on a background with the YIQ color 183.8010, -53.3100, -69.1340.



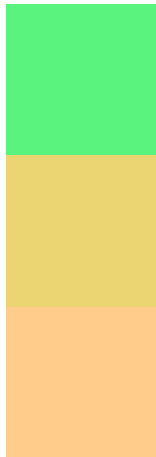
This preview shows how white text looks on a background with the YIQ color 183.8010, -53.3100, -69.1340.

-69.1340.

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

183.8010, -53.3100, -69.1340

Protanopia

208.2920, 44.8910, -26.1250

Deuteranopia

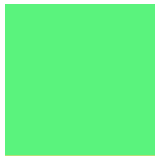
211.9530, 50.9400, -9.0920



Tritanopia

200.0700, -68.0830, -16.1390

Trichromacy



Original Color

183.8010, -53.3100, -69.1340



Protanomaly

199.3580, 8.9940, -41.8700



Deuteranomaly

201.6610, 12.9350, -30.6890



Tritanomaly

193.9880, -62.7610, -35.5050

Monochromacy



Original Color

183.8010, -53.3100, -69.1340



Achromatopsia

184.0000, 0.0000, -0.0000



Achromatomaly

183.7670, -19.2980, -24.7220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.8010, -53.3100, -69.1340 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(90, 243, 125)` looks like.

```
.text, #text, p{  
    color:rgb(90, 243, 125)  
}
```

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(90, 243, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 243, 125) }
```

Border

The CSS property to change the border of an element to YIQ 183.8010, -53.3100, -69.1340 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(90, 243, 125) }
```


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

```
.border{ border-color:rgb(90, 243, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 243, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 243, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 243, 125);  
box-shadow:4px 4px 4px 4px rgb(90, 243,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 183.8010, -53.3100, -69.1340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 243, 125) }
```

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

```
.background{ background-color: rgb(90, 243,  
125) }
```

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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