

Converting Colors

YIQ(187.8060, -68.9010,
-56.3970)

Have a look what the booklet for
YIQ(187.8060, -68.9010, -56.3970)
contains.

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Color

**YIQ(187.8060, -68.9010,
-56.3970)**

Conversions

Conversions Part 1

Format	Color
Hex	57F3A8
RGB	87, 243, 168
RGB Percent	34%, 95%, 66%
CMY	0.6592, 0.0468, 0.3414
CMYK	0.64, 0.00, 0.31, 0.05
HSL	151°, 87%, 65%
HSV	151°, 64%, 95%
XYZ	43.0535, 68.9865, 48.0656
YIQ	187.8060, -68.9010, -56.3970

Conversions

Conversions Part 2

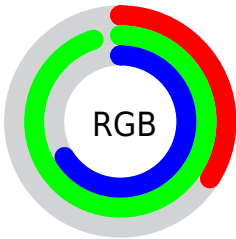
Format	Color
RYB	87, 190, 243
Decimal	5764008
CIELab	86.50, -57.80, 24.44
CIELCh	86, 62.756, 157.084
Yxy	68.9865, 0.2689, 0.4309
Android (android.graphics.Color)	4283954088 (0xFF57F3A8)
YUV	187.8060, -9.7644, -88.4069
Hunter-Lab	83.0581, -52.8257, 23.8297

Details

The YIQ color **187.8060, -68.9010, -56.3970** 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 **142.1940, 68.9010, 56.3970**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.2560, -51.7120, -32.0000**, and **122.4060, -88.3860, -61.2020** is the 20% darker color. If you saturate the color by 10%, you get **179.2620, -79.3530, -65.2170**, and if you desaturate by 10%, it is **196.3500, -58.4490, -47.5770**.

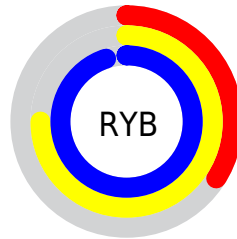
Distribution



Red (34%)

Green (95%)

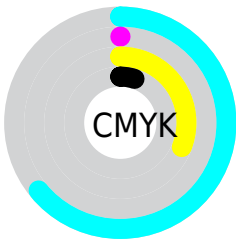
Blue (66%)



Red (34%)

Yellow (75%)

Blue (95%)

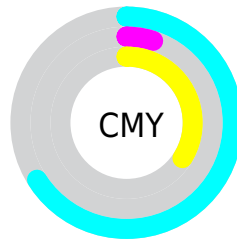


Cyan (64%)

Magenta (0%)

Yellow (31%)

Black (5%)



Cyan (66%)

Magenta (5%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.8060, -68.9010, -56.3970 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 187.8060, -68.9010, -56.3970 by changing the saturation by 10% instead.

■ 187.8060,
-68.9010, -56.3970

■ 187.8060,
-68.9010, -56.3970

■ 255.0000, -0.0000,
-0.0000

■ 156.0440,
-75.5030, -57.8950

■ 220.2560,
-51.7120, -32.0000

■ 122.2920,
-88.0650, -61.5130

■ 232.8310,
-42.5450, -16.4090

■ 103.1200,
-72.6610, -54.3330

■ 242.1430,
-25.6280, -9.1160

■ 84.5350, -57.5320,
-47.6760

■ 251.4120, -7.1520,
-2.5440

■ 66.5370, -42.6780,
-41.5420

■ 48.7670, -28.4660,
-34.7860

■ 32.2850, -15.1250,

-28.7650

■ 18.1970, -8.5250,
-16.2130

■ 0.0000, 0.0000,
0.0000

■ 187.8060,
-68.9010, -56.3970

■ 187.8060,
-68.9010, -56.3970

■ 179.2620,
-79.3530, -65.2170

■ 196.3500,
-58.4490, -47.5770

■ 170.5330,
-90.7220, -73.9380

■ 205.0790,
-47.0800, -38.8560

■ 161.9890,
-101.1740, -82.7580

■ 213.6230,
-36.6280, -30.0360

■ 157.0050,
-107.2710, -87.9030

■ 222.1670,
-26.1760, -21.2160

■ 230.5970,
-15.4030, -12.7070

■ 239.4400, -4.3550,
-3.6750

■ 247.3860, 4.9050,
4.7210

■ 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.



202.7220, 1.7970, -49.1070



187.8060, -68.9010, -56.3970



171.0950, -141.4340, -57.9620

Triad

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



187.8060, -68.9010, -56.3970



197.9990, -60.1530, -5.6650



196.4290, 56.0720, 8.0400

Complementary

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



187.8060, -68.9010, -56.3970



142.1940, 68.9010, 56.3970

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.



196.4700, 40.8000, 31.5200



187.8060, -68.9010, -56.3970



214.9960, 6.9640, 27.9880

Square

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



187.8060, -68.9010, -56.3970



167.0150, -146.4800, -43.6000



207.4530, 22.2750, 42.3630



203.9680, 63.7790, -16.0050

Rectangle

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



187.8060, -68.9010, -56.3970



173.4720, -149.5050, -49.3530



207.4530, 22.2750, 42.3630



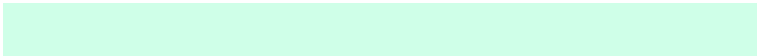
194.9590, 51.9440, 16.7760

Sweetspot

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



187.8060, -68.9010, -56.3970



238.0260, -21.2250, -17.3290



200.9970, 1.8000, -65.6880



117.3200, -13.0650, -11.0250



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.



187.8060, -68.9010, -56.3970



185.6800, -86.6420, -70.7860



194.5950, -92.1510, -31.5030



117.8420, -5.5470, -4.0990



120.2400, -82.2870, -67.1110



38.0530, -25.8550, -21.5270

Inverse Universe

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



142.1940, 68.9010, 56.3970



128.3200, 86.6420, 70.7860



134.8180, 92.4260, 32.0260



114.2720, 5.2260, 4.4100



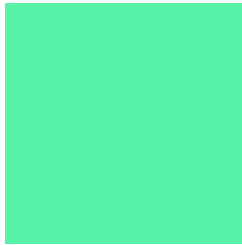
65.8740, 81.9660, 67.4220



20.8330, 26.1760, 21.2160

Previews

White Background



This preview shows how the YIQ color 187.8060, -68.9010, -56.3970 looks on a white background.

Color Contrast Check

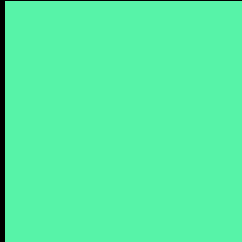
Large Text (above 18pt) WCAG AA × Fail

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 187.8060, -68.9010, -56.3970 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 187.8060, -68.9010, -56.3970 Background



This preview shows how black text looks on a background with the YIQ color 187.8060, -68.9010, -56.3970.



This preview shows how white text looks on a background with the YIQ color 187.8060, -68.9010, -56.3970.

-56.3970.

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

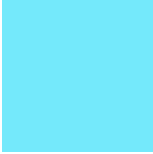
187.8060, -68.9010, -56.3970

Protanopia

212.3570, 29.0710, -14.7450

Deuteranopia

215.4370, 35.2580, -0.2140



Tritanopia

200.0690, -75.5100, -19.2060

Trichromacy



Original Color

187.8060, -68.9010, -56.3970



Protanomaly

203.8360, -6.5510, -29.9670



Deuteranomaly

205.0850, -2.5180, -20.4540



Tritanomaly

195.7080, -73.5360, -32.9600

Monochromacy



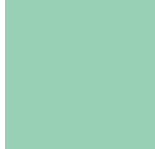
Original Color

187.8060, -68.9010, -56.3970



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

187.8790, -25.3050, -20.4810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.8060, -68.9010, -56.3970 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(87, 243, 168)` looks like.

```
.text, #text, p{  
    color:rgb(87, 243, 168)  
}
```

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(87, 243, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 243, 168) }
```

Border

The CSS property to change the border of an element to YIQ 187.8060, -68.9010, -56.3970 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(87, 243, 168) }
```


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

```
.border{ border-color:rgb(87, 243, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 243, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 243, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 243, 168);  
box-shadow:4px 4px 4px 4px rgb(87, 243,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 187.8060, -68.9010, -56.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 243, 168) }
```

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

```
.background{ background-color: rgb(87, 243,  
168) }
```

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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