

Converting Colors

YIQ(187.3850, -57.5300,
-58.7300)

Have a look what the booklet for
YIQ(187.3850, -57.5300, -58.7300)
contains.

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Color

**YIQ(187.3850, -57.5300,
-58.7300)**

Conversions

Conversions Part 1

Format	Color
Hex	60F197
RGB	96, 241, 151
RGB Percent	38%, 95%, 59%
CMY	0.6239, 0.0546, 0.4080
CMYK	0.60, 0.00, 0.37, 0.05
HSL	143°, 84%, 66%
HSV	143°, 60%, 95%
XYZ	41.8690, 67.6608, 40.1141
YIQ	187.3850, -57.5300, -58.7300

Conversions

Conversions Part 2

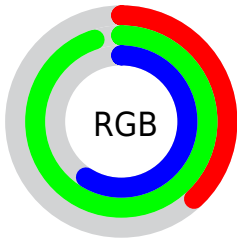
Format	Color
R_{YB}	96, 201, 241
Decimal	6353303
CIE _{Lab}	85.84, -58.51, 32.20
CIE _{LCh}	86, 66.787, 151.171
Yxy	67.6608, 0.2798, 0.4521
Android (android.graphics.Color)	4284543383 (0xFF60F197)
YUV	187.3850, -17.9378, -80.1446
Hunter-Lab	82.2562, -53.0906, 28.6653

Details

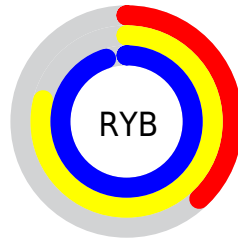
The YIQ color **187.3850, -57.5300, -58.7300** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **149.6150, 57.5300, 58.7300**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.4110, -42.0830, -35.8030**, and **119.8920, -81.1870, -65.0190** is the 20% darker color. If you saturate the color by 10%, you get **178.4990, -67.0190, -68.4830**, and if you desaturate by 10%, it is **196.2710, -48.0410, -48.9770**.

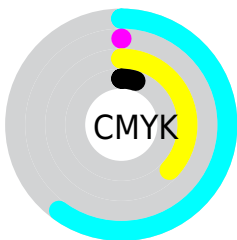
Distribution



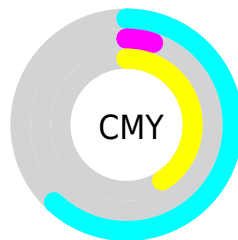
- Red (38%)
- Green (95%)
- Blue (59%)



- Red (38%)
- Yellow (79%)
- Blue (95%)



- Cyan (60%)
- Magenta (0%)
- Yellow (37%)
- Black (5%)



- Cyan (62%)
- Magenta (5%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.3850, -57.5300, -58.7300 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 187.3850, -57.5300, -58.7300 by changing the saturation by 10% instead.

■ 187.3850,
-57.5300, -58.7300

■ 187.3850,
-57.5300, -58.7300

■ 255.0000, -0.0000,
-0.0000

■ 156.9330,
-62.0690, -59.0690

■ 220.4110,
-42.0830, -35.8030

■ 119.5930,
-81.7830, -65.2310

■ 232.5730,
-33.1910, -20.7350

■ 100.0080,
-66.6540, -58.5740

■ 243.9370,
-22.0520, -7.8440

■ 81.4230, -51.5250,
-51.9170

■ 253.2060, -3.5760,
-1.2720

■ 63.4250, -36.6710,
-45.7830

■ 45.3130, -21.4960,
-39.9600

■ 31.6980, -14.8500,

-28.2420

■ 17.0230, -7.9750,
-15.1670

■ 0.0000, 0.0000,
0.0000

■ 187.3850,
-57.5300, -58.7300

■ 187.3850,
-57.5300, -58.7300

■ 178.4990,
-67.0190, -68.4830

■ 196.2710,
-48.0410, -48.9770

■ 169.6130,
-76.5080, -78.2360

■ 205.1570,
-38.5520, -39.2240

■ 160.7270,
-85.9970, -87.9890

■ 214.0430,
-29.0630, -29.4710

■ 151.8410,
-95.4860, -97.7420

■ 222.9290,
-19.5740, -19.7180

■ 231.8150,
-10.0850, -9.9650

■ 241.0000, -0.0000,
-0.0000

■ 246.7820, 3.8500,
7.3220

Harmonies

Analogous

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



201.5400, 13.9930, -49.8710



187.3850, -57.5300, -58.7300



168.9120, -136.6650, -61.7930

Triad

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



187.3850, -57.5300, -58.7300



185.1090, -90.1820, -17.6220



191.7160, 56.9420, 14.3020

Complementary

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



187.3850, -57.5300, -58.7300



149.6150, 57.5300, 58.7300

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.



194.0880, 39.2400, 37.7680



187.3850, -57.5300, -58.7300



210.7880, -4.3140, 23.1260

Square

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



187.3850, -57.5300, -58.7300



168.1890, -147.0300, -44.6460



206.2790, 22.8250, 43.4090



199.0440, 66.6210, -12.4430

Rectangle

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



187.3850, -57.5300, -58.7300



173.4720, -149.5050, -49.3530



206.2790, 22.8250, 43.4090



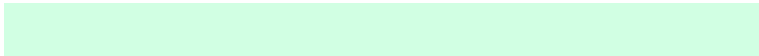
190.9470, 52.2180, 22.8260

Sweetspot

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



187.3850, -57.5300, -58.7300



238.0540, -18.4280, -18.4600



208.6230, 14.9570, -56.3310



117.2770, -11.5060, -11.7460



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.



187.3850, -57.5300, -58.7300



186.9880, -73.0700, -74.4620



195.4790, -80.3210, -36.6490



115.5000, -4.5840, -5.0320



115.9880, -73.0700, -74.4620



35.2660, -22.1410, -22.7570

Inverse Universe

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



149.6150, 57.5300, 58.7300



139.0120, 73.0700, 74.4620



141.5210, 80.3210, 36.6490



112.3860, 4.9050, 4.7210



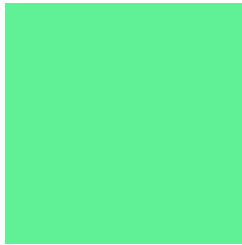
68.0120, 73.0700, 74.4620



20.7340, 22.1410, 22.7570

Previews

White Background



This preview shows how the YIQ color 187.3850, -57.5300, -58.7300 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 187.3850, -57.5300, -58.7300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

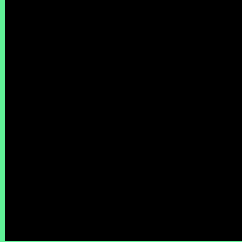
Any Text WCAG AA ✓ Pass

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 187.3850, -57.5300, -58.7300 Background



This preview shows how black text looks on a background with the YIQ color 187.3850, -57.5300, -58.7300.



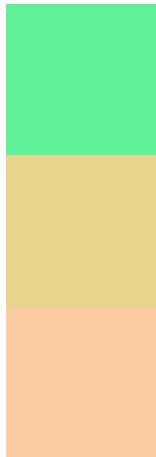
This preview shows how white text looks on a background with the YIQ color 187.3850, -57.5300, -58.7300.

-58.7300.

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

187.3850, -57.5300, -58.7300

Protanopia

209.9460, 34.4820, -19.1980

Deuteranopia

212.9230, 42.4570, -4.0310



Tritanopia

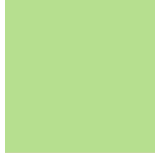
200.0700, -68.0830, -16.1390

Trichromacy



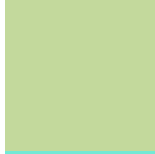
Original Color

187.3850, -57.5300, -58.7300



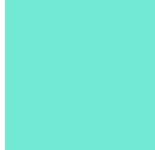
Protanomaly

201.6210, 1.2440, -33.5720



Deuteranomaly

203.4680, 6.4690, -23.6350



Tritanomaly

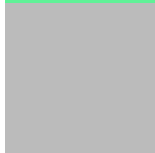
195.1390, -64.5040, -31.4480

Monochromacy



Original Color

187.3850, -57.5300, -58.7300



Achromatopsia

187.0000, -0.0000, -0.0000



Achromatomaly

187.3910, -20.9950, -21.4990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.3850, -57.5300, -58.7300 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(96, 241, 151)` looks like.

```
.text, #text, p{  
    color:rgb(96, 241, 151)  
}
```

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(96, 241, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 241, 151) }
```

Border

The CSS property to change the border of an element to YIQ 187.3850, -57.5300, -58.7300 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(96, 241, 151) }
```


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

```
.border{ border-color:rgb(96, 241, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 241, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 241, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 241, 151);  
box-shadow:4px 4px 4px 4px rgb(96, 241,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 187.3850, -57.5300, -58.7300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 241, 151) }
```

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

```
.background{ background-color: rgb(96, 241,  
151) }
```

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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