

Converting Colors

YIQ(158.9050, -74.0340,
-68.0020)

Have a look what the booklet for
YIQ(158.9050, -74.0340, -68.0020)
contains.

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Color

**YIQ(158.9050, -74.0340,
-68.0020)**

Conversions

Conversions Part 1

Format	Color
Hex	2EDF7D
RGB	46, 223, 125
RGB Percent	18%, 87%, 49%
CMY	0.8201, 0.1252, 0.5100
CMYK	0.79, 0.00, 0.44, 0.13
HSL	147°, 74%, 53%
HSV	147°, 79%, 87%
XYZ	31.2268, 54.8722, 28.3290
YIQ	158.9050, -74.0340, -68.0020

Conversions

Conversions Part 2

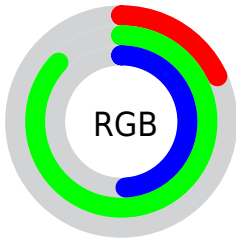
Format	Color
RYB	46, 168, 223
Decimal	3071869
CIELab	78.97, -64.33, 36.06
CIELCh	79, 73.748, 150.729
Yxy	54.8722, 0.2729, 0.4795
Android (android.graphics.Color)	4281261949 (0xFF2EDF7D)
YUV	158.9050, -16.7152, -99.0177
Hunter-Lab	74.0758, -54.3856, 29.1786

Details

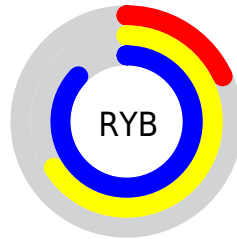
The YIQ color **158.9050, -74.0340, -68.0020** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **110.0950, 74.0340, 68.0020**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **206.2700, -55.4680, -52.0440**, and **105.8780, -69.4040, -63.8040** is the 20% darker color. If you saturate the color by 10%, you get **150.9590, -83.2940, -76.3980**, and if you desaturate by 10%, it is **166.8510, -64.7740, -59.6060**.

Distribution



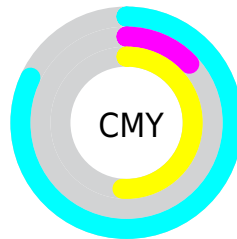
- Red (18%)
- Green (87%)
- Blue (49%)



- Red (18%)
- Yellow (66%)
- Blue (87%)



- Cyan (79%)
- Magenta (0%)
- Yellow (44%)
- Black (13%)



- Cyan (82%)
- Magenta (13%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 158.9050, -74.0340, -68.0020 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 158.9050, -74.0340, -68.0020 by changing the saturation by 10% instead.

■ 158.9050,
-74.0340, -68.0020

■ 158.9050,
-74.0340, -68.0020

■ 255.0000, -0.0000,
-0.0000

■ 125.1640,
-85.1290, -70.6730

■ 206.2700,
-55.4680, -52.0440

■ 105.8780,
-69.4040, -63.8040

■ 218.7310,
-45.9800, -36.7640

■ 87.2930, -54.2750,
-57.1470

■ 231.1920,
-36.4920, -21.4840

■ 68.5940, -38.8250,
-50.8010

■ 242.7410,
-24.4360, -8.6920

■ 50.4820, -23.6500,
-44.9780

■ 252.0100, -5.9600,
-2.1200

■ 35.8070, -16.7750,
-31.9030

■ 21.7190, -10.1750,

-19.3510

■ 0.0000, 0.0000,
0.0000

■ 158.9050,
-74.0340, -68.0020

■ 158.9050,
-74.0340, -68.0020

■ 150.9590,
-83.2940, -76.3980

■ 166.8510,
-64.7740, -59.6060

■ 142.6000,
-92.8290, -85.3170

■ 174.9110,
-55.8350, -50.8990

■ 142.3010,
-93.4250, -85.5290

■ 183.1560,
-45.9790, -42.2910

■ 191.1020,
-36.7190, -33.8950

■ 199.1620,
-27.7800, -25.1880

■ 207.4070,
-17.9240, -16.5800

■ 215.3530, -8.6640,
-8.1840

■ 223.4130, 0.2750,
0.5230

■ 231.6580, 10.1310,
9.1310

Harmonies

Analogous

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



179.8080, 15.8740, -56.4300



158.9050, -74.0340, -68.0020



156.0660, -125.2950, -58.5990

Triad

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



158.9050, -74.0340, -68.0020



148.2310, -137.6800, -26.8640



173.1310, 72.0710, 20.9590

Complementary

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



158.9050, -74.0340, -68.0020



110.0950, 74.0340, 68.0020

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.



175.0130, 52.9930, 47.3370



158.9050, -74.0340, -68.0020



192.1710, -12.5220, 28.7100

Square

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



158.9050, -74.0340, -68.0020



158.2100, -142.3550, -35.7550



191.6040, 29.7000, 56.4840



182.0090, 82.8970, -10.0550

Rectangle

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



158.9050, -74.0340, -68.0020



161.4240, -140.3820, -43.9820



191.6040, 29.7000, 56.4840



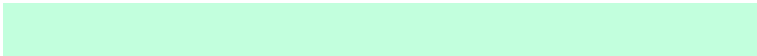
172.1170, 66.6590, 30.9390

Sweetspot

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



158.9050, -74.0340, -68.0020



232.8850, -25.4420, -23.5060



179.7990, 10.9250, -71.3710



114.5430, -15.3110, -14.3750



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.



158.9050, -74.0340, -68.0020



167.3660, -101.2180, -92.9780



168.7090, -101.6400, -41.2560



108.0270, -4.6300, -4.1980



112.3180, -73.7590, -67.4790



30.6840, -20.2620, -18.2620

Inverse Universe

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



110.0950, 74.0340, 68.0020



100.6340, 101.2180, 92.9780



100.2910, 101.6400, 41.2560



104.9730, 4.6300, 4.1980



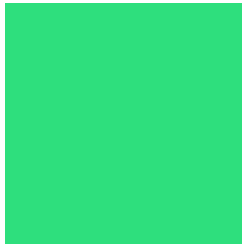
63.6820, 73.7590, 67.4790



17.4300, 19.9410, 18.5730

Previews

White Background



This preview shows how the YIQ color 158.9050, -74.0340, -68.0020 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 158.9050, -74.0340, -68.0020 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 158.9050, -74.0340, -68.0020 Background



This preview shows how black text looks on a background with the YIQ color 158.9050, -74.0340, -68.0020.



This preview shows how white text looks on a background with the YIQ color 158.9050, -74.0340, -68.0020.

-68.0020.

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

158.9050, -74.0340, -68.0020

Protanopia

190.2620, 36.4080, -21.0640

Deuteranopia

192.9400, 43.7870, -6.1090



Tritanopia

177.3570, -76.3810, -19.9410

Trichromacy



Original Color

158.9050, -74.0340, -68.0020



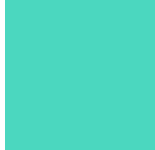
Protanomaly

179.2350, -3.6610, -38.2930



Deuteranomaly

180.7830, 0.9680, -28.5680



Tritanomaly

170.4040, -75.7360, -37.1440

Monochromacy



Original Color

158.9050, -74.0340, -68.0020



Achromatopsia

159.0000, -0.0000, 0.0000



Achromatomaly

158.8740, -26.9090, -24.4530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.9050, -74.0340, -68.0020 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(46, 223, 125)` looks like.

```
.text, #text, p{  
    color:rgb(46, 223, 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(46, 223, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 223, 125) }
```

Border

The CSS property to change the border of an element to YIQ 158.9050, -74.0340, -68.0020 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(46, 223, 125) }
```


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

```
.border{ border-color:rgb(46, 223, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 223, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 223, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 223, 125);  
box-shadow:4px 4px 4px 4px rgb(46, 223,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 158.9050, -74.0340, -68.0020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 223, 125) }
```

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

```
.background{ background-color: rgb(46, 223,  
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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