

Converting Colors

YIQ(158.3280, -35.0200,
-48.1720)

Have a look what the booklet for
YIQ(158.3280, -35.0200, -48.1720)
contains.

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Color

**YIQ(158.3280, -35.0200,
-48.1720)**

Conversions

Conversions Part 1

Format	Color
Hex	5FC773
RGB	95, 199, 115
RGB Percent	37%, 78%, 45%
CMY	0.6277, 0.2194, 0.5491
CMYK	0.52, 0.00, 0.42, 0.22
HSL	132°, 48%, 58%
HSV	132°, 52%, 78%
XYZ	28.2382, 44.5330, 23.3214
YIQ	158.3280, -35.0200, -48.1720

Conversions

Conversions Part 2

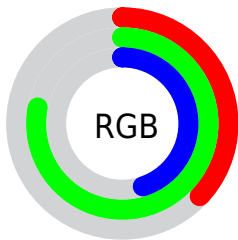
Format	Color
RYB	95, 182, 199
Decimal	6276979
CIELab	72.58, -48.19, 33.07
CIELCh	73, 58.445, 145.544
Yxy	44.5330, 0.2939, 0.4634
Android (android.graphics.Color)	4284467059 (0xFF5FC773)
YUV	158.3280, -21.3607, -55.5387
Hunter-Lab	66.7331, -41.2503, 25.9929

Details

The YIQ color **158.3280, -35.0200, -48.1720** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **135.6720, 35.0200, 48.1720**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **214.2850, -33.4610, -48.8930**, and **101.2070, -41.9890, -48.5250** is the 20% darker color. If you saturate the color by 10%, you get **150.5240, -41.8040, -57.3880**, and if you desaturate by 10%, it is **166.1320, -28.2360, -38.9560**.

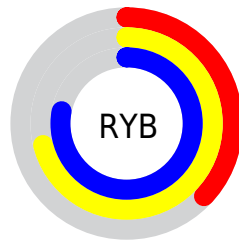
Distribution



Red (37%)

Green (78%)

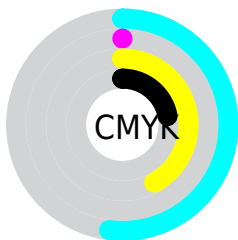
Blue (45%)



Red (37%)

Yellow (71%)

Blue (78%)

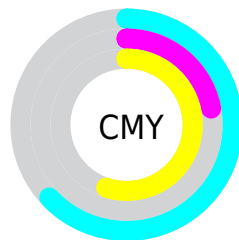


Cyan (52%)

Magenta (0%)

Yellow (42%)

Black (22%)



Cyan (63%)

Magenta (22%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 158.3280, -35.0200, -48.1720 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 158.3280, -35.0200, -48.1720 by changing the saturation by 10% instead.

■ 158.3280,
-35.0200, -48.1720

■ 158.3280,
-35.0200, -48.1720

■ 255.0000, -0.0000,
-0.0000

■ 130.0720,
-37.1750, -47.6630

■ 214.2850,
-33.4610, -48.8930

■ 101.2070,
-41.9890, -48.5250

■ 226.0340,
-24.8440, -34.3480

■ 73.9400, -45.6110,
-48.9630

■ 238.0110,
-16.8690, -19.1810

■ 55.9420, -30.7570,
-42.8290

■ 250.1730, -7.9770,
-4.1130

■ 39.9160, -18.7000,
-35.5640

■ 26.4150, -12.3750,
-23.5350

■ 9.3920, -4.4000,

-8.3680

■ 0.0000, 0.0000,
0.0000

■ 158.3280,
-35.0200, -48.1720

■ 158.3280,
-35.0200, -48.1720

■ 150.5240,
-41.8040, -57.3880

■ 166.1320,
-28.2360, -38.9560

■ 142.7200,
-48.5880, -66.6040

■ 173.9360,
-21.4520, -29.7400

■ 134.9160,
-55.3720, -75.8200

■ 181.7400,
-14.6680, -20.5240

■ 127.1120,
-62.1560, -85.0360

■ 189.5440, -7.8840,
-11.3080

■ 121.1450,
-66.9230, -92.2590

■ 197.0490, -1.6960,
-2.3040

■ 204.8530, 5.0880,
6.9120

■ 212.6570, 11.8720,
16.1280

■ 220.5750, 18.3350,
25.6550

■ 222.1280, 15.4000,
29.2880

Harmonies

Analogous

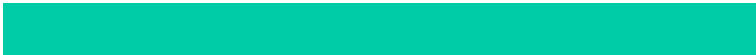
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



168.3440, 20.7770, -40.6550



158.3280, -35.0200, -48.1720



138.9000, -110.0280, -54.4440

Triad

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



158.3280, -35.0200, -48.1720



139.4480, -130.6210, -17.1250



170.8800, 71.5200, 25.4400

Complementary

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



158.3280, -35.0200, -48.1720



135.6720, 35.0200, 48.1720

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.



175.1610, 55.3320, 43.4920



158.3280, -35.0200, -48.1720



177.0320, -28.2480, 27.3680

Square

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



158.3280, -35.0200, -48.1720



145.8830, -136.5800, -24.7720



183.5120, 23.7870, 48.0030



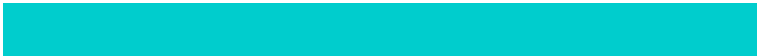
175.8430, 80.9690, 2.8650

Rectangle

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



158.3280, -35.0200, -48.1720



143.7050, -122.1800, -43.4600



183.5120, 23.7870, 48.0030



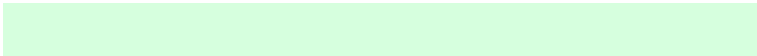
171.0570, 66.8880, 32.2960

Sweetspot

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



158.3280, -35.0200, -48.1720



238.9790, -13.8430, -18.9550



181.4630, 22.0600, -36.3720



118.2450, -8.4800, -11.5200



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.



158.3280, -35.0200, -48.1720



192.0410, -54.2260, -74.5620



164.1420, -51.3910, -32.3110



95.3970, -2.7960, -4.3960



99.2150, -54.7760, -75.6080



21.9300, -12.1470, -16.6510

Inverse Universe

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



135.6720, 35.0200, 48.1720



156.9590, 54.2260, 74.5620



129.8580, 51.3910, 32.3110



93.6030, 2.7960, 4.3960



63.7850, 54.7760, 75.6080



14.0700, 12.1470, 16.6510

Previews

White Background



This preview shows how the YIQ color 158.3280, -35.0200, -48.1720 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 158.3280, -35.0200, -48.1720 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 158.3280, -35.0200, -48.1720 Background



This preview shows how black text looks on a background with the YIQ color 158.3280, -35.0200, -48.1720.



This preview shows how white text looks on a background with the YIQ color 158.3280, -35.0200, -48.1720.

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

158.3280, -35.0200, -48.1720

Protanopia

173.6900, 32.3270, -18.6890

Deuteranopia

176.2000, 40.1190, -5.7130



Tritanopia

168.8830, -48.3230, -10.8110

Trichromacy



Original Color

158.3280, -35.0200, -48.1720



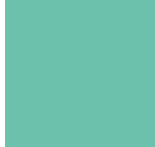
Protanomaly

167.9640, 7.7080, -29.5720



Deuteranomaly

169.7570, 13.0250, -21.3030



Tritanomaly

165.1910, -43.9190, -24.5510

Monochromacy



Original Color

158.3280, -35.0200, -48.1720



Achromatopsia

158.0000, -0.0000, 0.0000



Achromatomaly

158.1040, -12.6970, -17.6970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.3280, -35.0200, -48.1720 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(95, 199, 115)` looks like.

```
.text, #text, p{  
    color:rgb(95, 199, 115)  
}
```

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(95, 199, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 199, 115) }
```

Border

The CSS property to change the border of an element to YIQ 158.3280, -35.0200, -48.1720 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(95, 199, 115) }
```


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

```
.border{ border-color:rgb(95, 199, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 199, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 199, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 199, 115);  
box-shadow:4px 4px 4px 4px rgb(95, 199,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 158.3280, -35.0200, -48.1720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 199, 115) }
```

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

```
.background{ background-color: rgb(95, 199,  
115) }
```

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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