

Converting Colors

YIQ(152.4580, -41.4380,
-53.0060)

Have a look what the booklet for
YIQ(152.4580, -41.4380, -53.0060)
contains.

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Color

**YIQ(152.4580, -41.4380,
-53.0060)**

Conversions

Conversions Part 1

Format	Color
Hex	50C66C
RGB	80, 198, 108
RGB Percent	31%, 78%, 42%
CMY	0.6866, 0.2233, 0.5766
CMYK	0.60, 0.00, 0.45, 0.22
HSL	134°, 51%, 55%
HSV	134°, 60%, 78%
XYZ	26.2119, 43.1947, 21.1365
YIQ	152.4580, -41.4380, -53.0060

Conversions

Conversions Part 2

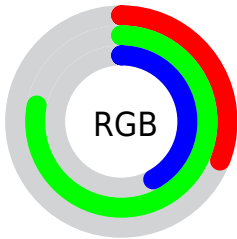
Format	Color
RYB	80, 175, 198
Decimal	5293676
CIELab	71.69, -52.51, 35.38
CIELCh	72, 63.315, 146.026
Yxy	43.1947, 0.2895, 0.4771
Android (android.graphics.Color)	4283483756 (0xFF50C66C)
YUV	152.4580, -21.9178, -63.5457
Hunter-Lab	65.7227, -43.8243, 26.9381

Details

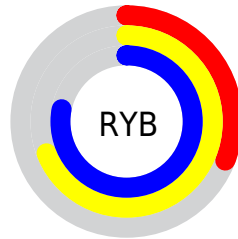
The YIQ color **152.4580, -41.4380, -53.0060** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **125.5420, 41.4380, 53.0060**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **209.6000, -38.9620, -53.8260**, and **90.5530, -57.9430, -56.7510** is the 20% darker color. If you saturate the color by 10%, you get **144.7680, -48.5430, -61.9110**, and if you desaturate by 10%, it is **160.1480, -34.3330, -44.1010**.

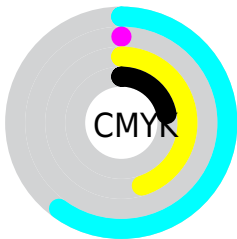
Distribution



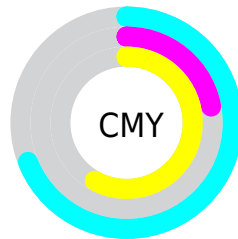
- Red (31%)
- Green (78%)
- Blue (42%)



- Red (31%)
- Yellow (69%)
- Blue (78%)



- Cyan (60%)
- Magenta (0%)
- Yellow (45%)
- Black (22%)



- Cyan (69%)
- Magenta (22%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.4580, -41.4380, -53.0060 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 152.4580, -41.4380, -53.0060 by changing the saturation by 10% instead.

■ 152.4580,
-41.4380, -53.0060

■ 152.4580,
-41.4380, -53.0060

■ 255.0000, -0.0000,
-0.0000

■ 123.3050,
-45.3810, -53.1330

■ 209.6000,
-38.9620, -53.8260

■ 90.5530, -57.9430,
-56.7510

■ 221.3490,
-30.3450, -39.2810

■ 72.5550, -43.0890,
-50.6170

■ 233.5110,
-21.4530, -24.2130

■ 54.2150, -27.2720,
-45.4160

■ 245.4880,
-13.4780, -9.0460

■ 38.7420, -18.1500,
-34.5180

■ 25.8280, -12.1000,
-23.0120

■ 6.4570, -3.0250,

-5.7530

■ 0.0000, 0.0000,
0.0000

■ 152.4580,
-41.4380, -53.0060

■ 152.4580,
-41.4380, -53.0060

■ 144.7680,
-48.5430, -61.9110

■ 160.1480,
-34.3330, -44.1010

■ 137.0780,
-55.6480, -70.8160

■ 167.8380,
-27.2280, -35.1960

■ 129.3880,
-62.7530, -79.7210

■ 175.2290,
-20.7190, -26.5030

■ 121.9970,
-69.2620, -88.4140

■ 182.9190,
-13.6140, -17.5980

■ 121.5840,
-69.5370, -88.9370

■ 190.6090, -6.5090,
-8.6930

■ 198.4130, 0.2750,
0.5230

■ 206.1030, 7.3800,
9.4280

■ 213.4940, 13.8890,
18.1210

■ 220.2870, 19.2060,
26.3900

Harmonies

Analogous

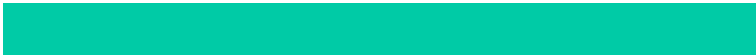
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



164.0080, 21.6030, -44.6130



152.4580, -41.4380, -53.0060



138.0850, -109.1110, -54.5430

Triad

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



152.4580, -41.4380, -53.0060



137.0780, -132.4550, -16.9270



165.9730, 75.6920, 26.9240

Complementary

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



152.4580, -41.4380, -53.0060



125.5420, 41.4380, 53.0060

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.



169.6500, 58.4490, 47.5770



152.4580, -41.4380, -53.0060



174.3740, -29.2110, 28.3010

Square

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



152.4580, -41.4380, -53.0060



145.2960, -136.3050, -24.2490



180.5280, 26.8580, 52.9220



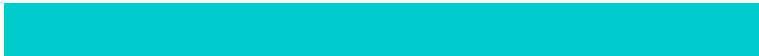
172.2410, 85.6000, 1.5360

Rectangle

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



152.4580, -41.4380, -53.0060



143.2320, -122.2260, -42.6260



180.5280, 26.8580, 52.9220



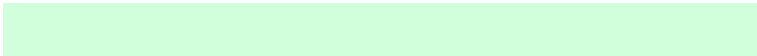
165.7910, 70.6930, 34.9250

Sweetspot

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



152.4580, -41.4380, -53.0060



237.2560, -16.1810, -20.6370



176.1760, 21.1900, -42.6340



116.8210, -10.2220, -12.9900



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.



152.4580, -41.4380, -53.0060



184.0240, -64.7240, -82.5480



159.1840, -60.3770, -34.6570



95.5110, -3.1170, -4.0850



100.1270, -57.3440, -73.1200



22.0440, -12.4680, -16.3400

Inverse Universe

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



125.5420, 41.4380, 53.0060



141.9760, 64.7240, 82.5480



118.8160, 60.3770, 34.6570



93.4890, 3.1170, 4.0850



62.8730, 57.3440, 73.1200



13.8420, 12.7890, 16.0290

Previews

White Background



This preview shows how the YIQ color 152.4580, -41.4380, -53.0060 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 152.4580, -41.4380, -53.0060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

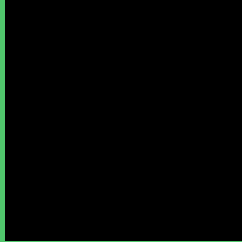
Any Text WCAG AA ✓ Pass

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 152.4580, -41.4380, -53.0060 Background



This preview shows how black text looks on a background with the YIQ color 152.4580, -41.4380, -53.0060.



This preview shows how white text looks on a background with the YIQ color 152.4580, -41.4380, -53.0060.

-53.0060.

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

152.4580, -41.4380, -53.0060

Protanopia

170.5330, 34.2070, -19.7210

Deuteranopia

173.7440, 41.4030, -6.9570



Tritanopia

164.4910, -53.0910, -12.5070

Trichromacy



Original Color

152.4580, -41.4380, -53.0060



Protanomaly

164.1980, 6.9290, -31.9750



Deuteranomaly

165.8060, 11.3290, -23.6070



Tritanomaly

160.2720, -48.6410, -27.0810

Monochromacy



Original Color

152.4580, -41.4380, -53.0060



Achromatopsia

152.0000, -0.0000, -0.0000



Achromatomaly

152.3810, -15.0350, -19.3790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.4580, -41.4380, -53.0060 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(80, 198, 108)` looks like.

```
.text, #text, p{  
    color:rgb(80, 198, 108)  
}
```

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(80, 198, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 198, 108) }
```

Border

The CSS property to change the border of an element to YIQ 152.4580, -41.4380, -53.0060 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(80, 198, 108) }
```


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

```
.border{ border-color:rgb(80, 198, 108) }
```

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

Here you see how a box with a 4 pixel rgb(80, 198, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 198, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 198, 108);  
box-shadow:4px 4px 4px 4px rgb(80, 198,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 152.4580, -41.4380, -53.0060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 198, 108) }
```

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

```
.background{ background-color: rgb(80, 198,  
108) }
```

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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