

Converting Colors

YIQ(154.6950, -46.2990,
-47.5070)

Have a look what the booklet for
YIQ(154.6950, -46.2990, -47.5070)
contains.

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Color

**YIQ(154.6950, -46.2990,
-47.5070)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 51C67D |
| RGB | 81, 198, 125 |
| RGB Percent | 32%, 78%, 49% |
| CMY | 0.6827, 0.2233, 0.5099 |
| CMYK | 0.59, 0.00, 0.37, 0.22 |
| HSL | 143°, 51%, 55% |
| HSV | 143°, 59%, 78% |
| XYZ | 27.2911, 43.6361, 26.3754 |
| YIQ | 154.6950, -46.2990, -47.5070 |

Conversions

Conversions Part 2

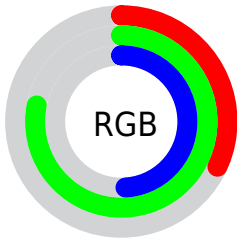
| Format | Color |
|-------------------------------------|--|
| RYB | 81, 166, 198 |
| Decimal | 5359229 |
| CIELab | 71.98, -49.38, 27.02 |
| CIELCh | 72, 56.293, 151.311 |
| Yxy | 43.6361, 0.2805, 0.4485 |
| Android (android.graphics.Color) | 4283549309 (0xFF51C67D) |
| YUV | 154.6950, -14.6396, -64.6305 |
| Hunter-Lab | 66.0576, -41.8551, 22.5671 |

Details

The YIQ color **154.6950, -46.2990, -47.5070** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **124.3050, 46.2990, 47.5070**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **211.8370, -43.8230, -48.3270**, and **92.4910, -63.4000, -51.4640** is the 20% darker color. If you saturate the color by 10%, you get **147.3470, -54.3670, -55.4790**, and if you desaturate by 10%, it is **162.0430, -38.2310, -39.5350**.

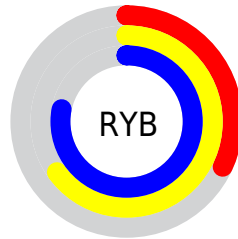
Distribution



Red (32%)

Green (78%)

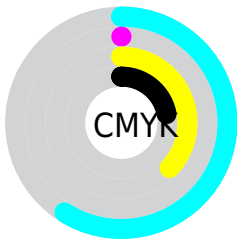
Blue (49%)



Red (32%)

Yellow (65%)

Blue (78%)

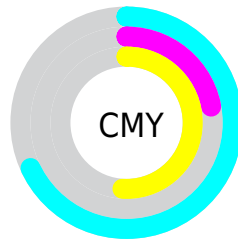


Cyan (59%)

Magenta (0%)

Yellow (37%)

Black (22%)



Cyan (68%)

Magenta (22%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.6950, -46.2990, -47.5070 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 154.6950, -46.2990, -47.5070 by changing the saturation by 10% instead.

■ 154.6950,
-46.2990, -47.5070

■ 154.6950,
-46.2990, -47.5070

■ 255.0000, -0.0000,
-0.0000

■ 125.5420,
-50.2420, -47.6340

■ 211.8370,
-43.8230, -48.3270

■ 92.4910, -63.4000,
-51.4640

■ 223.7000,
-35.5270, -33.4710

■ 74.6070, -48.8670,
-45.0190

■ 235.5630,
-27.2310, -18.6150

■ 56.7230, -34.3340,
-38.5740

■ 246.9270,
-16.0920, -5.7240

■ 39.3120, -19.7550,
-32.9630

■ 26.4150, -12.3750,
-23.5350

■ 7.6310, -3.5750,

-6.7990

■ 0.0000, 0.0000,
0.0000

■ 154.6950,
-46.2990, -47.5070

■ 154.6950,
-46.2990, -47.5070

■ 147.3470,
-54.3670, -55.4790

■ 162.0430,
-38.2310, -39.5350

■ 139.8850,
-62.1140, -63.7620

■ 169.5050,
-30.4840, -31.2520

■ 132.8360,
-69.5860, -71.5220

■ 176.5540,
-23.0120, -23.4920

■ 125.4880,
-77.6540, -79.4940

■ 183.9020,
-14.9440, -15.5200

■ 124.6620,
-78.2040, -80.5400

■ 191.3640, -7.1970,
-7.2370

■ 198.7120, 0.8710,
0.7350

■ 206.0600, 8.9390,
8.7070

■ 213.2230, 16.0900,
16.7780

■ 219.3750, 21.7740,
23.9020

Harmonies

Analogous

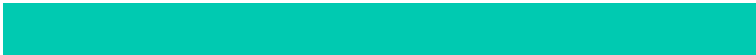
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



165.6680, 11.0570, -40.7110



154.6950, -46.2990, -47.5070



138.7520, -112.3670, -50.5990

Triad

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



154.6950, -46.2990, -47.5070



158.6390, -85.1420, 1.1780



171.6150, 73.5840, 21.0720

Complementary

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



154.6950, -46.2990, -47.5070



124.3050, 46.2990, 47.5070

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.



173.7930, 59.1840, 39.7600



154.6950, -46.2990, -47.5070



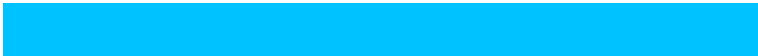
178.5820, -17.9330, 33.1630

Square

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



154.6950, -46.2990, -47.5070



142.9480, -135.2050, -22.1570



181.2910, 31.7190, 47.4230



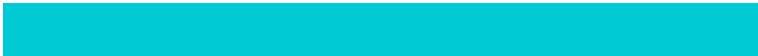
174.3320, 74.9180, -3.1140

Rectangle

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



154.6950, -46.2990, -47.5070



142.7420, -123.6020, -39.7140



181.2910, 31.7190, 47.4230



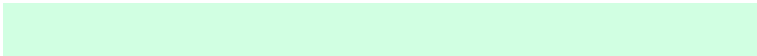
171.0910, 69.5480, 28.1400

Sweetspot

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



154.6950, -46.2990, -47.5070



237.9400, -18.1070, -18.7710



171.8050, 11.9290, -45.5030



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.



154.6950, -46.2990, -47.5070



187.9990, -71.6030, -73.5150



161.1930, -64.5960, -29.7800



95.6250, -3.4380, -3.7740



102.6350, -64.4060, -66.2780



22.6140, -14.0730, -14.7850

Inverse Universe

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



124.3050, 46.2990, 47.5070



141.0010, 71.6030, 73.5150



117.8070, 64.5960, 29.7800



93.3750, 3.4380, 3.7740



60.3650, 64.4060, 66.2780



13.2720, 14.3940, 14.4740

Previews

White Background



This preview shows how the YIQ color 154.6950, -46.2990, -47.5070 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 154.6950, -46.2990, -47.5070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

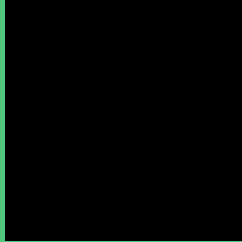
Any Text WCAG AA ✓ Pass

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 154.6950, -46.2990, -47.5070 Background



This preview shows how black text looks on a background with the YIQ color 154.6950, -46.2990, -47.5070.



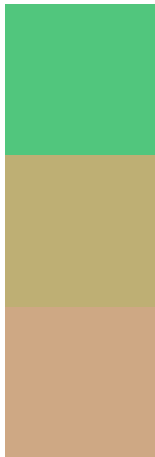
This preview shows how white text looks on a background with the YIQ color 154.6950, -46.2990, -47.5070.

-47.5070.

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

154.6950, -46.2990, -47.5070

Protanopia

172.7590, 27.8790, -15.1690

Deuteranopia

175.2580, 34.2040, -3.1400



Tritanopia

164.7080, -55.2000, -12.8320

Trichromacy



Original Color

154.6950, -46.2990, -47.5070



Protanomaly

165.8370, 0.8760, -26.9000



Deuteranomaly

167.9180, 5.3220, -19.3660



Tritanomaly

161.3580, -51.7590, -25.6390

Monochromacy



Original Color

154.6950, -46.2990, -47.5070



Achromatopsia

155.0000, -0.0000, 0.0000



Achromatomaly

155.0650, -16.9610, -17.5130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.6950, -46.2990, -47.5070 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(81, 198, 125)` looks like.

```
.text, #text, p{  
    color:rgb(81, 198, 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(81, 198, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 198, 125) }
```

Border

The CSS property to change the border of an element to YIQ 154.6950, -46.2990, -47.5070 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(81, 198, 125) }
```


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

```
.border{ border-color:rgb(81, 198, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 198, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 198, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 198, 125);  
box-shadow:4px 4px 4px 4px rgb(81, 198,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 154.6950, -46.2990, -47.5070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 198, 125) }
```

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

```
.background{ background-color: rgb(81, 198,  
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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