

Converting Colors

YIQ(176.9990, -54.4080,
-82.2800)

Have a look what the booklet for
YIQ(176.9990, -54.4080, -82.2800)
contains.

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Color

**YIQ(176.9990, -54.4080,
-82.2800)**

Conversions

Conversions Part 1

Format	Color
Hex	4AF561
RGB	74, 245, 97
RGB Percent	29%, 96%, 38%
CMY	0.7103, 0.0389, 0.6197
CMYK	0.70, 0.00, 0.60, 0.04
HSL	128°, 90%, 63%
HSV	128°, 70%, 96%
XYZ	37.6448, 67.6615, 22.3788
YIQ	176.9990, -54.4080, -82.2800

Conversions

Conversions Part 2

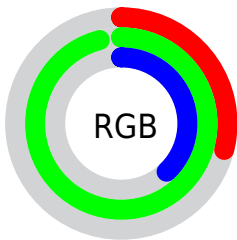
Format	Color
RYB	74, 225, 245
Decimal	4912481
CIELab	85.84, -71.76, 57.55
CIElCh	86, 91.988, 141.271
Yxy	67.6615, 0.2948, 0.5299
Android (android.graphics.Color)	4283102561 (0xFF4AF561)
YUV	176.9990, -39.4395, -90.3301
Hunter-Lab	82.2566, -62.2584, 41.4491

Details

The YIQ color **176.9990, -54.4080, -82.2800** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed spring green. A complement of this color would be **142.0010, 54.4080, 82.2800**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **209.7700, -33.6890, -55.7770**, and **114.4430, -64.5860, -85.0500** is the 20% darker color. If you saturate the color by 10%, you get **167.1300, -62.5670, -94.1110**, and if you desaturate by 10%, it is **186.5690, -46.8450, -70.6610**.

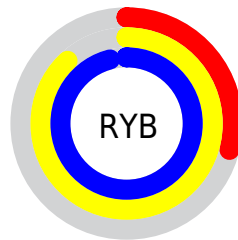
Distribution



Red (29%)

Green (96%)

Blue (38%)



Red (29%)

Yellow (88%)

Blue (96%)

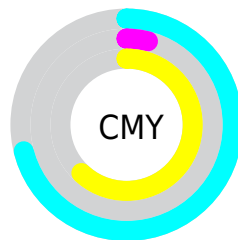


Cyan (70%)

Magenta (0%)

Yellow (60%)

Black (4%)



Cyan (71%)

Magenta (4%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.9990, -54.4080, -82.2800 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 176.9990, -54.4080, -82.2800 by changing the saturation by 10% instead.

■ 176.9990,
-54.4080, -82.2800

■ 176.9990,
-54.4080, -82.2800

■ 255.0000, -0.0000,
-0.0000

■ 140.4530,
-70.5460, -87.1700

■ 209.7700,
-33.6890, -55.7770

■ 114.3290,
-64.2650, -85.3610

■ 222.5300,
-23.6050, -40.2850

■ 93.3330, -43.7250,
-83.1570

■ 235.1050,
-14.4380, -24.6940

■ 77.4840, -36.3000,
-69.0360

■ 247.6800, -5.2710,
-9.1030

■ 61.6350, -28.8750,
-54.9150

■ 46.3730, -21.7250,
-41.3170

■ 32.2850, -15.1250,

-28.7650

■ 17.0230, -7.9750,
-15.1670

■ 0.0000, 0.0000,
0.0000

■ 176.9990,
-54.4080, -82.2800

■ 176.9990,
-54.4080, -82.2800

■ 167.1300,
-62.5670, -94.1110

■ 186.5690,
-46.8450, -70.6610


■ 157.5600,
-70.1300, -105.7300

■ 196.4380,
-38.6860, -58.8300

■ 147.5770,
-77.9680, -117.8720


■ 206.1220,
-31.4440, -46.9000

■ 215.9910,
-23.2850, -35.0690

 225.5610,
-15.7220, -23.4500

 235.4300, -7.5630,
-11.6190

 245.0000, -0.0000,
0.0000

 249.1300, 2.7500,
5.2300

Harmonies

Analogous

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



193.0270, 53.8410, -78.2150



176.9990, -54.4080, -82.2800



169.6010, -128.9600, -74.7840

Triad

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



176.9990, -54.4080, -82.2800



165.2540, -145.6550, -42.0310



169.8660, 66.1080, 35.4200

Complementary

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



176.9990, -54.4080, -82.2800



142.0010, 54.4080, 82.2800

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.



178.6100, 38.7310, 63.5230



176.9990, -54.4080, -82.2800



195.1850, -42.6410, 7.3670

Square

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



176.9990, -54.4080, -82.2800



175.2330, -150.3300, -50.9220



200.4090, 25.5750, 48.6390



181.8780, 81.8880, -8.2880

Rectangle

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



176.9990, -54.4080, -82.2800



177.7290, -149.0910, -56.8590



200.4090, 25.5750, 48.6390



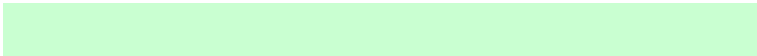
169.5360, 58.7700, 47.2660

Sweetspot

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



176.9990, -54.4080, -82.2800



233.6100, -17.4180, -25.7540



218.6290, 41.1830, -58.0570



115.2400, -10.0840, -15.4920



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.



176.9990, -54.4080, -82.2800



169.9240, -68.1590, -102.9030



186.6890, -81.6930, -55.8450



117.2720, -3.9420, -5.6540



112.0320, -59.1750, -89.5030



35.5450, -18.7930, -28.3690

Inverse Universe

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



142.0010, 54.4080, 82.2800



126.0760, 68.1590, 102.9030



132.3110, 81.6930, 55.8450



114.8420, 3.6210, 5.9650



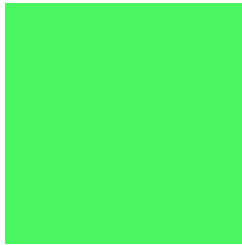
73.9680, 59.1750, 89.5030



23.4550, 18.7930, 28.3690

Previews

White Background



This preview shows how the YIQ color 176.9990, -54.4080, -82.2800 looks on a white background.

Color Contrast Check

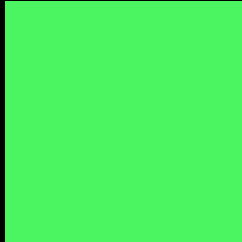
Large Text (above 18pt) WCAG AA × Fail

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 176.9990, -54.4080, -82.2800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

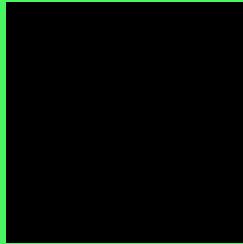
Any Text WCAG AA ✓ Pass

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 176.9990, -54.4080, -82.2800 Background



This preview shows how black text looks on a background with the YIQ color 176.9990, -54.4080, -82.2800.



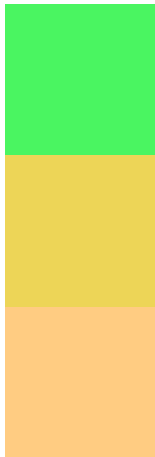
This preview shows how white text looks on a background with the YIQ color 176.9990, -54.4080, -82.2800.

-82.2800.

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

176.9990, -54.4080, -82.2800

Protanopia

205.8120, 54.7500, -34.0980

Deuteranopia

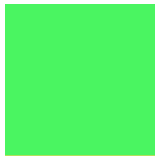
210.8130, 54.1500, -12.2020



Tritanopia

198.8630, -71.9340, -17.9340

Trichromacy



Original Color

176.9990, -54.4080, -82.2800



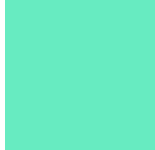
Protanomaly

195.6710, 15.0020, -51.6380



Deuteranomaly

198.5160, 14.5410, -37.7710



Tritanomaly

190.7440, -65.1900, -41.0460

Monochromacy



Original Color

176.9990, -54.4080, -82.2800



Achromatopsia

177.0000, -0.0000, 0.0000



Achromatomaly

177.0070, -20.2140, -30.1500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.9990, -54.4080, -82.2800 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(74, 245, 97)` looks like.

```
.text, #text, p{  
    color:rgb(74, 245, 97)  
}
```

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(74, 245, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 245, 97) }
```

Border

The CSS property to change the border of an element to YIQ 176.9990, -54.4080, -82.2800 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(74, 245, 97) }
```


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

```
.border{ border-color:rgb(74, 245, 97) }
```

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

Here you see how a box with a 4 pixel rgb(74, 245, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 245, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 245, 97);  
box-shadow:4px 4px 4px 4px rgb(74, 245,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 176.9990, -54.4080, -82.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 245, 97) }
```

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

```
.background{ background-color: rgb(74, 245,  
97) }
```

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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