

Converting Colors

YIQ(165.5560, -53.9980,
-67.6780)

Have a look what the booklet for
YIQ(165.5560, -53.9980, -67.6780)
contains.

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Color

**YIQ(165.5560, -53.9980,
-67.6780)**

Conversions

Conversions Part 1

Format	Color
Hex	48E06E
RGB	72, 224, 110
RGB Percent	28%, 88%, 43%
CMY	0.7181, 0.1213, 0.5687
CMYK	0.68, 0.00, 0.51, 0.12
HSL	135°, 71%, 58%
HSV	135°, 68%, 88%
XYZ	32.1497, 55.8441, 23.8272
YIQ	165.5560, -53.9980, -67.6780

Conversions

Conversions Part 2

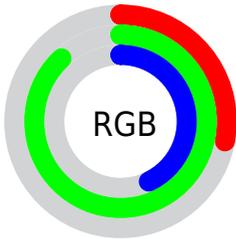
Format	Color
RYB	72, 194, 224
Decimal	4776046
CIELab	79.52, -63.37, 44.18
CIELCh	80, 77.247, 145.119
Yxy	55.8441, 0.2875, 0.4994
Android (android.graphics.Color)	4282966126 (0xFF48E06E)
YUV	165.5560, -27.3891, -82.0486
Hunter-Lab	74.7289, -53.9816, 33.4057

Details

The YIQ color **165.5560, -53.9980, -67.6780** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **130.4440, 53.9980, 67.6780**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **209.3440, -41.1170, -53.3170**, and **104.6410, -64.5430, -69.3030** is the 20% darker color. If you saturate the color by 10%, you get **156.7410, -62.2490, -77.8410**, and if you desaturate by 10%, it is **174.0720, -46.3430, -57.7270**.

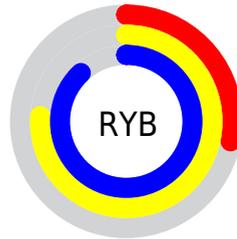
Distribution



Red (28%)

Green (88%)

Blue (43%)



Red (28%)

Yellow (76%)

Blue (88%)

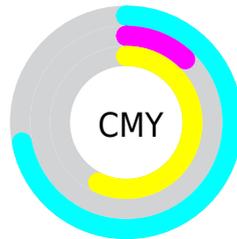


Cyan (68%)

Magenta (0%)

Yellow (51%)

Black (12%)



Cyan (72%)

Magenta (12%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.5560, -53.9980, -67.6780 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 165.5560, -53.9980, -67.6780 by changing the saturation by 10% instead.

■ 165.5560,
-53.9980, -67.6780

■ 165.5560,
-53.9980, -67.6780

■ 255.0000, -0.0000,
-0.0000

■ 131.8150,
-65.0930, -70.3490

■ 209.3440,
-41.1170, -53.3170

■ 104.6410,
-64.5430, -69.3030

■ 221.6910,
-31.3080, -38.3480

■ 85.8280, -48.7720,
-63.2680

■ 233.9670,
-22.7370, -22.9690

■ 66.3310, -31.0750,
-59.0990

■ 246.5420,
-13.5700, -7.3780

■ 51.0690, -23.9250,
-45.5010

■ 36.9810, -17.3250,
-32.9490

■ 22.8930, -10.7250,

-20.3970

■ 0.0000, 0.0000,
0.0000

■ 165.5560,
-53.9980, -67.6780

■ 165.5560,
-53.9980, -67.6780

■ 156.7410,
-62.2490, -77.8410

■ 174.0720,
-46.3430, -57.7270

■ 148.2250,
-69.9040, -87.7920

■ 182.8870,
-38.0920, -47.5640

■ 139.8230,
-77.8800, -97.4320

■ 191.2890,
-30.1160, -37.9240

■ 137.8720,
-79.5760, -99.7360

■ 200.1040,
-21.8650, -27.7610

■ 208.6200,
-14.2100, -17.8100

 217.1360, -6.5550,
-7.8590

 225.9510, 1.6960,
2.3040

 234.3530, 9.6720,
11.9440

 236.8030, 8.5250,
16.2130

Harmonies

Analogous

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



181.5830, 29.6290, -57.9150



165.5560, -53.9980, -67.6780



155.8720, -121.9930, -63.3770

Triad

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



165.5560, -53.9980, -67.6780



151.7530, -139.3300, -30.0020



170.8630, 70.1900, 27.5180

Complementary

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



165.5560, -53.9980, -67.6780



130.4440, 53.9980, 67.6780

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.



175.5490, 48.7280, 53.0480



165.5560, -53.9980, -67.6780



188.8160, -27.8800, 20.6960

Square

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



165.5560, -53.9980, -67.6780



160.5580, -143.4550, -37.8470



193.9520, 28.6000, 54.3920



179.6440, 82.6670, -5.8850

Rectangle

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



165.5560, -53.9980, -67.6780



162.1590, -138.3180, -48.3500



193.9520, 28.6000, 54.3920



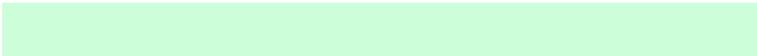
170.0770, 64.1360, 38.1200

Sweetspot

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



165.5560, -53.9980, -67.6780



235.4190, -18.1980, -22.6300



195.3100, 26.1440, -55.3280



116.1090, -11.0930, -13.7250



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.



165.5560, -53.9980, -67.6780



175.4370, -73.6170, -92.0890



174.2200, -78.3940, -44.0420



107.7990, -3.9880, -4.8200



108.3280, -62.5240, -78.3640



29.5440, -17.0520, -21.3720

Inverse Universe

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



130.4440, 53.9980, 67.6780



127.5630, 73.6170, 92.0890



121.7800, 78.3940, 44.0420



105.2010, 3.9880, 4.8200



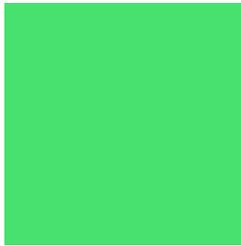
67.6720, 62.5240, 78.3640



18.4560, 17.0520, 21.3720

Previews

White Background



This preview shows how the YIQ color 165.5560, -53.9980, -67.6780 looks on a white background.

Color Contrast Check

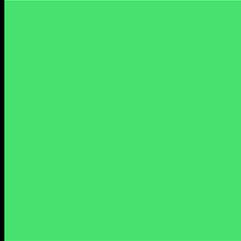
Large Text (above 18pt) WCAG AA × Fail

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 165.5560, -53.9980, -67.6780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

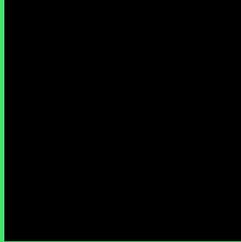
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

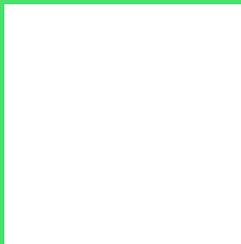
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 165.5560, -53.9980, -67.6780 Background



This preview shows how black text looks on a background with the YIQ color 165.5560, -53.9980, -67.6780.



This preview shows how white text looks on a background with the YIQ color 165.5560, -53.9980, -67.6780.

-67.6780.

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

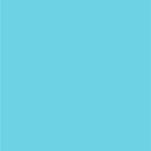
165.5560, -53.9980, -67.6780

Protanopia

191.0360, 42.7360, -25.6160

Deuteranopia

194.0130, 50.7110, -10.4490



Tritanopia

182.4400, -66.2490, -16.3370

Trichromacy



Original Color

165.5560, -53.9980, -67.6780



Protanomaly

181.8140, 7.7100, -40.6260



Deuteranomaly

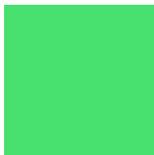
183.2480, 12.6600, -31.2120



Tritanomaly

176.5860, -61.5690, -35.0810

Monochromacy



Original Color

165.5560, -53.9980, -67.6780



Achromatopsia

166.0000, -0.0000, 0.0000



Achromatomaly

165.8810, -19.6190, -24.4110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.5560, -53.9980, -67.6780 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(72, 224, 110)` looks like.

```
.text, #text, p{  
    color:rgb(72, 224, 110)  
}
```

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(72, 224, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 224, 110) }
```

Border

The CSS property to change the border of an element to YIQ 165.5560, -53.9980, -67.6780 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(72, 224, 110) }
```

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

```
.border{ border-color:rgb(72, 224, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 224, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 224, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 224, 110);  
box-shadow:4px 4px 4px 4px rgb(72, 224,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 165.5560, -53.9980, -67.6780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 224, 110) }
```

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

```
.background{ background-color: rgb(72, 224,  
110) }
```

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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