

# Converting Colors

YIQ(176.8280, -56.7990,  
-44.4390)

Have a look what the booklet for  
YIQ(176.8280, -56.7990, -44.4390)  
contains.

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# Color

**YIQ(176.8280, -56.7990,  
-44.4390)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FDDA4
RGB	95, 221, 164
RGB Percent	37%, 87%, 64%
CMY	0.6278, 0.1331, 0.3570
CMYK	0.57, 0.00, 0.26, 0.13
HSL	153°, 65%, 62%
HSV	153°, 57%, 87%
XYZ	37.2775, 56.8478, 44.1081
YIQ	176.8280, -56.7990, -44.4390

# Conversions

## Conversions Part 2

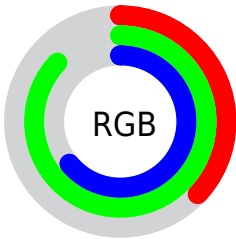
Format	Color
<a href="#">RYB</a>	<a href="#">95, 176, 221</a>
Decimal	<a href="#">6282660</a>
CIELab	<a href="#">80.09, -48.20, 17.69</a>
CIElCh	<a href="#">80, 51.350, 159.843</a>
Yxy	<a href="#">56.8478, 0.2697, 0.4112</a>
Android (android.graphics.Color)	<a href="#">4284472740</a> ( <a href="#">0xFF5FDDA4</a> )
YUV	<a href="#">176.8280, -6.3242, -71.7632</a>
Hunter-Lab	<a href="#">75.3975, -43.6928, 18.0931</a>

# Details

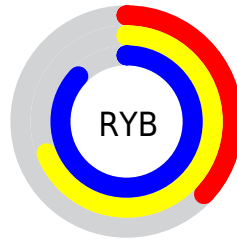
The YIQ color **176.8280, -56.7990, -44.4390** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **139.1720, 56.7990, 44.4390**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9960, -48.0440, -32.3960**, and **115.3040, -70.0030, -47.4350** is the 20% darker color. If you saturate the color by 10%, you get **169.1100, -66.7010, -52.2130**, and if you desaturate by 10%, it is **184.5460, -46.8970, -36.6650**.

# Distribution



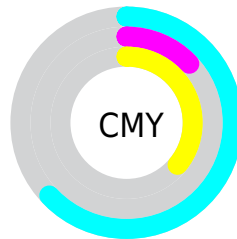
- Red (37%)
- Green (87%)
- Blue (64%)



- Red (37%)
- Yellow (69%)
- Blue (87%)



- Cyan (57%)
- Magenta (0%)
- Yellow (26%)
- Black (13%)




- Cyan (63%)
- Magenta (13%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 176.8280, -56.7990, -44.4390 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 176.8280, -56.7990, -44.4390 by changing the saturation by 10% instead.





 176.8280,  
-56.7990, -44.4390


 176.8280,  
-56.7990, -44.4390


255.0000, -0.0000,  
-0.0000


 147.8600,  
-59.8250, -44.6650


 220.6970,  
-48.6400, -32.6080


 115.3040,  
-70.0030, -47.4350


 232.9730,  
-40.0690, -17.2290


 90.9240, -65.8770,  
-45.1170

 242.7410,  
-24.4360, -8.6920

 73.0400, -51.3440,  
-38.6720

 251.7110, -6.5560,  
-2.3320

 55.1560, -36.8110,  
-32.2270

 38.6740, -23.4700,  
-26.2060

 23.4800, -11.0000,

-20.9200

■ 0.5870, -0.2750,  
-0.5230

■ 0.0000, 0.0000,  
0.0000

■ 176.8280,  
-56.7990, -44.4390

■ 176.8280,  
-56.7990, -44.4390

■ 169.1100,  
-66.7010, -52.2130

■ 184.5460,  
-46.8970, -36.6650

■ 161.3920,  
-76.6030, -59.9870

■ 192.2640,  
-36.9950, -28.8910

■ 153.6740,  
-86.5050, -67.7610

■ 199.9820,  
-27.0930, -21.1170


■ 145.6570,  
-97.0030, -75.7470


■ 207.7000,  
-17.1910, -13.3430


 143.5210,  
-99.6160, -77.9520

 215.4180, -7.2890,  
-5.5690

 223.4350, 3.2090,  
2.4170

 231.1530, 13.1110,  
10.1910

 233.7880, 12.8810,  
14.3610

 234.9280, 9.6710,  
17.4710

# Harmonies

## Analogous

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



187.7790, -2.3770, -39.5370



176.8280, -56.7990, -44.4390



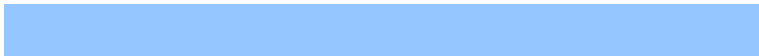
155.7700, -129.9730, -50.9090

# Triad

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



176.8280, -56.7990, -44.4390



190.1460, -46.9050, 7.5510



190.8210, 60.8400, 9.7360

# Complementary

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



176.8280, -56.7990, -44.4390



139.1720, 56.7990, 44.4390

# 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.



190.6680, 48.8700, 28.4380



176.8280, -56.7990, -44.4390



201.7060, 2.1490, 32.6530

# Square

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



176.8280, -56.7990, -44.4390



154.1010, -140.4300, -32.0940



199.0750, 32.0870, 40.7510



196.5650, 66.7120, -8.5840



# Rectangle

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



176.8280, -56.7990, -44.4390



158.2440, -139.6950, -39.9110



199.0750, 32.0870, 40.7510



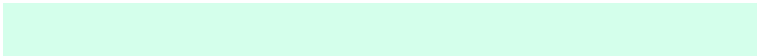
189.9550, 57.7670, 15.8710

# Sweetspot

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



176.8280, -56.7990, -44.4390



239.8630, -19.2080, -15.3360



186.6030, 0.5140, -53.3900



118.8580, -11.6440, -9.2440



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.



176.8280, -56.7990, -44.4390



194.3810, -78.0700, -60.9340



180.9780, -73.9960, -24.6200



106.1410, -4.9510, -3.8870



112.3810, -78.0700, -60.9340



29.8520, -20.6750, -16.2830



# Inverse Universe

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



139.1720, 56.7990, 44.4390



142.6190, 78.0700, 60.9340



135.0220, 73.9960, 24.6200



102.8590, 4.9510, 3.8870



60.6190, 78.0700, 60.9340

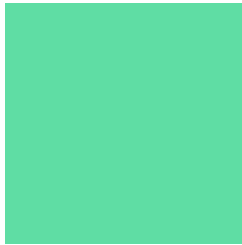


16.1480, 20.6750, 16.2830



# Previews

## White Background



This preview shows how the YIQ color 176.8280, -56.7990, -44.4390 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 176.8280, -56.7990, -44.4390 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

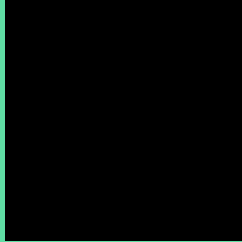
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

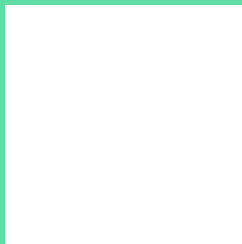
Any Text WCAG AAA ✓ Pass

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

# YIQ 176.8280, -56.7990, -44.4390 Background



This preview shows how black text looks on a background with the YIQ color 176.8280, -56.7990, -44.4390.



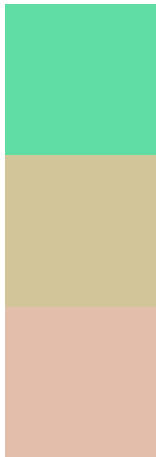
This preview shows how white text looks on a background with the YIQ color 176.8280, -56.7990, -44.4390.

-44.4390.

# 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

176.8280, -56.7990, -44.4390

### Protanopia

195.8710, 21.8720, -10.9280

### Deuteranopia

198.5980, 27.5550, 1.7230



## Tritanopia

185.0490, -63.5900, -14.9660

# Trichromacy



## Original Color

176.8280, -56.7990, -44.4390



## Protanomaly

189.0520, -6.9190, -23.2950



## Deuteranomaly

190.3610, -3.1150, -15.1390



## Tritanomaly

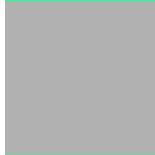
181.9810, -60.8830, -25.4830

# Monochromacy



## Original Color

176.8280, -56.7990, -44.4390



## Achromatopsia

177.0000, -0.0000, 0.0000



## Achromatomaly

176.8520, -20.6750, -16.2830

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 176.8280, -56.7990, -44.4390 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, 221, 164)` looks like.

```
.text, #text, p{  
    color:rgb(95, 221, 164)  
}
```

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, 221, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 221, 164) }
```

## Border

The CSS property to change the border of an element to YIQ 176.8280, -56.7990, -44.4390 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, 221, 164) }
```



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

```
.border{ border-color:rgb(95, 221, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 221, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 221, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 221, 164);  
box-shadow:4px 4px 4px 4px rgb(95, 221,  
164) }
```

# Background

The CSS property to change the background color of an element to YIQ 176.8280, -56.7990, -44.4390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 221, 164) }
```

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

```
.background{ background-color: rgb(95, 221,  
164) }
```

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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