

Converting Colors

YIQ(156.8760, -65.9220,
-49.8100)

Have a look what the booklet for
YIQ(156.8760, -65.9220, -49.8100)
contains.

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Color

**YIQ(156.8760, -65.9220,
-49.8100)**

Conversions

Conversions Part 1

Format	Color
Hex	3FCF91
RGB	63, 207, 145
RGB Percent	25%, 81%, 57%
CMY	0.7533, 0.1880, 0.4316
CMYK	0.70, 0.00, 0.30, 0.19
HSL	154°, 60%, 53%
HSV	154°, 70%, 81%
XYZ	29.4778, 47.7511, 34.4293
YIQ	156.8760, -65.9220, -49.8100

Conversions

Conversions Part 2

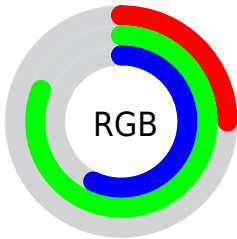
Format	Color
RYB	63, 155, 207
Decimal	4181905
CIELab	74.67, -52.36, 20.07
CIELCh	75, 56.077, 159.030
Yxy	47.7511, 0.2640, 0.4277
Android (android.graphics.Color)	4282371985 (0xFF3FCF91)
YUV	156.8760, -5.8549, -82.3293
Hunter-Lab	69.1022, -44.7839, 18.8310

Details

The YIQ color **156.8760, -65.9220, -49.8100** 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 **113.1240, 65.9220, 49.8100**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **210.6430, -57.7160, -44.3400**, and **99.3530, -71.6990, -49.7390** is the 20% darker color. If you saturate the color by 10%, you get **149.5710, -75.5490, -57.0610**, and if you desaturate by 10%, it is **164.1810, -56.2950, -42.5590**.

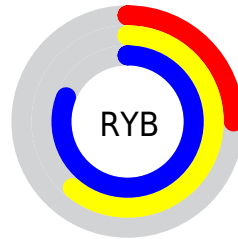
Distribution



Red (25%)

Green (81%)

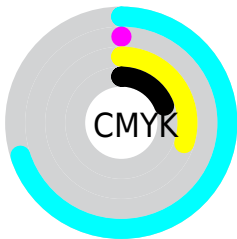
Blue (57%)



Red (25%)

Yellow (61%)

Blue (81%)

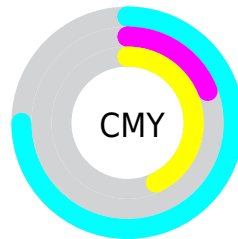


Cyan (70%)

Magenta (0%)

Yellow (30%)

Black (19%)



Cyan (75%)

Magenta (19%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 156.8760, -65.9220, -49.8100 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 156.8760, -65.9220, -49.8100 by changing the saturation by 10% instead.


 156.8760,
-65.9220, -49.8100


 156.8760,
-65.9220, -49.8100


255.0000, -0.0000,
-0.0000


 121.9280,
-80.8680, -54.2760


 210.6430,
-57.7160, -44.3400


 99.9400, -71.9740,
-50.2620


 222.8050,
-48.8240, -29.2720

 81.3550, -56.8450,
-43.6050


 234.9670,
-39.9320, -14.2040

 63.4710, -42.3120,
-37.1600

 243.9370,
-22.0520, -7.8440

 46.4020, -28.6960,
-30.6160

 252.9070, -4.1720,
-1.4840

 29.4640, -14.0710,
-25.8390

 14.6750, -6.8750,

-13.0750

■ 0.0000, 0.0000,
0.0000

■ 156.8760,
-65.9220, -49.8100

■ 156.8760,
-65.9220, -49.8100

■ 149.5710,
-75.5490, -57.0610

■ 164.1810,
-56.2950, -42.5590

■ 142.2660,
-85.1760, -64.3120

■ 171.1870,
-47.2640, -35.5200

■ 135.2600,
-94.2070, -71.3510


■ 178.4920,
-37.6370, -28.2690

■ 134.9610,
-94.8030, -71.5630


■ 185.7970,
-28.0100, -21.0180

■ 192.8030,
-18.9790, -13.9790

 199.9940, -9.0310,
-7.0390

 207.2990, 0.5960,
0.2120

 214.6040, 10.2230,
7.4630

 221.6100, 19.2540,
14.5020

Harmonies

Analogous

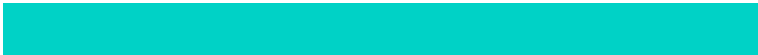
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



170.9700, -1.5970, -42.6610



156.8760, -65.9220, -49.8100



145.8420, -121.3080, -48.2520

Triad

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



156.8760, -65.9220, -49.8100



173.5560, -59.7430, 8.9370



177.5020, 72.1640, 13.7640

Complementary

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



156.8760, -65.9220, -49.8100



113.1240, 65.9220, 49.8100

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.



177.2180, 59.1850, 34.2330



156.8760, -65.9220, -49.8100



187.5300, -2.9870, 37.6290

Square

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



156.8760, -65.9220, -49.8100



145.8830, -136.5800, -24.7720



187.2550, 40.5680, 46.7440



181.0770, 71.0220, -9.6020

Rectangle

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



156.8760, -65.9220, -49.8100



149.1310, -131.9470, -37.1550



187.2550, 40.5680, 46.7440



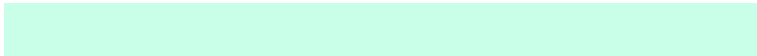
176.3910, 68.4030, 21.3550

Sweetspot

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



156.8760, -65.9220, -49.8100



236.2320, -24.8010, -18.6010



166.0660, -2.6480, -62.1680



116.8360, -14.5780, -11.1380



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.



156.8760, -65.9220, -49.8100



180.5260, -98.0120, -73.9800



158.0740, -83.0740, -25.2980



101.1410, -4.9510, -3.8870



109.5600, -77.0160, -58.0080



26.6890, -18.6580, -14.2900

Inverse Universe

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



113.1240, 65.9220, 49.8100



115.4740, 98.0120, 73.9800



111.9260, 83.0740, 25.2980



97.8590, 4.9510, 3.8870



58.5540, 76.6950, 58.3190



14.3110, 18.6580, 14.2900

Previews

White Background



This preview shows how the YIQ color 156.8760, -65.9220, -49.8100 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 156.8760, -65.9220, -49.8100 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 156.8760, -65.9220, -49.8100 Background



This preview shows how black text looks on a background with the YIQ color 156.8760, -65.9220, -49.8100.



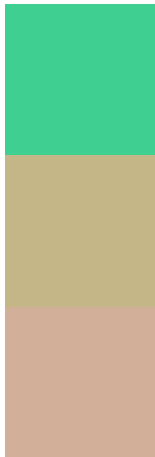
This preview shows how white text looks on a background with the YIQ color 156.8760, -65.9220, -49.8100.

-49.8100.

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

156.8760, -65.9220, -49.8100

Protanopia

180.7140, 23.7520, -11.9600

Deuteranopia

182.8430, 28.2430, 0.2670



Tritanopia

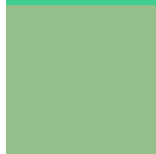
167.8310, -68.9080, -17.7080

Trichromacy



Original Color

156.8760, -65.9220, -49.8100



Protanomaly

172.1010, -8.6150, -25.5990



Deuteranomaly

173.6980, -5.6820, -18.1780



Tritanomaly

163.7520, -67.6680, -29.1720

Monochromacy



Original Color

156.8760, -65.9220, -49.8100



Achromatopsia

157.0000, 0.0000, -0.0000



Achromatomaly

156.9440, -23.9300, -17.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.8760, -65.9220, -49.8100 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(63, 207, 145)` looks like.

```
.text, #text, p{  
    color:rgb(63, 207, 145)  
}
```

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(63, 207, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 207, 145) }
```

Border

The CSS property to change the border of an element to YIQ 156.8760, -65.9220, -49.8100 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(63, 207, 145) }
```


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

```
.border{ border-color:rgb(63, 207, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 207, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 207, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 207, 145);  
box-shadow:4px 4px 4px 4px rgb(63, 207,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 156.8760, -65.9220, -49.8100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 207, 145) }
```

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

```
.background{ background-color: rgb(63, 207,  
145) }
```

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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