

# Converting Colors

YIQ(135.4290, 38.8770, 16.8050)

Have a look what the booklet for  
YIQ(135.4290, 38.8770, 16.8050)  
contains.

<b>YIQ(135.4290, 38.8770, 16.8050)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(135.4290, 38.8770,  
16.8050)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B77279</a>
RGB	<a href="#">183, 114, 121</a>
RGB Percent	<a href="#">72%, 45%, 47%</a>
CMY	<a href="#">0.2822, 0.5530, 0.5253</a>
CMYK	<a href="#">0.00, 0.38, 0.34, 0.28</a>
HSL	<a href="#">354°, 32%, 58%</a>
HSV	<a href="#">354°, 38%, 72%</a>
XYZ	<a href="#">29.0062, 23.4820, 21.1051</a>
YIQ	<a href="#">135.4290, 38.8770, 16.8050</a>

# Conversions

## Conversions Part 2

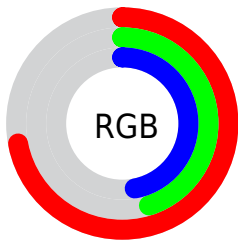
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 114, 121
Decimal	12022393
CIE <sub>Lab</sub>	55.57, 28.16, 7.64
CIE <sub>LCh</sub>	56, 29.178, 15.185
Yxy	23.4820, 0.3941, 0.3191
Android (android.graphics.Color)	4290212473 (0xFFB77279)
YUV	135.4290, -7.1135, 41.7198
Hunter-Lab	48.4583, 22.0448, 8.0982

# Details

The YIQ color **135.4290, 38.8770, 16.8050** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **161.5710, -38.8770, -16.8050**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **189.8100, 42.1780, 17.5540**, and **84.7490, 34.9800, 15.8440** is the 20% darker color. If you saturate the color by 10%, you get **123.0390, 48.9630, 21.2430**, and if you desaturate by 10%, it is **147.8190, 28.7910, 12.3670**.

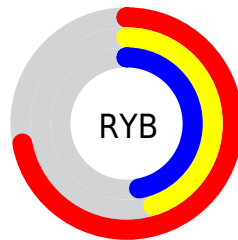
# Distribution



Red (72%)

Green (45%)

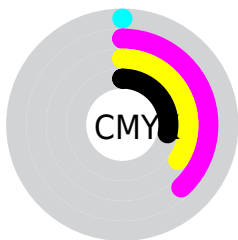
Blue (47%)



Red (72%)

Yellow (45%)

Blue (47%)

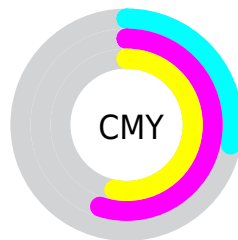


Cyan (0%)

Magenta (38%)

Yellow (34%)

Black (28%)



Cyan (28%)

Magenta (55%)


Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 135.4290, 38.8770, 16.8050 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 135.4290, 38.8770, 16.8050 by changing the saturation by 10% instead.





 135.4290, 38.8770,  
16.8050


 135.4290, 38.8770,  
16.8050


255.0000, -0.0000,  
-0.0000


 109.5320, 37.0890,  
16.1690


 189.8100, 42.1780,  
17.5540


 84.7490, 34.9800,  
15.8440


 213.0370, 34.1090,  
15.1090


 59.9660, 32.8710,  
15.5190

 232.6650, 17.4210,  
9.1730

 35.7100, 30.7160,  
16.0280

 252.6520, 1.1000,  
2.0920

 15.5910, 29.4330,  
11.7450

 5.9800, 11.9200,  
4.2400

 0.0000, 0.0000,

0.0000

■ 135.4290, 38.8770,  
16.8050

■ 135.4290, 38.8770,  
16.8050

■ 123.0390, 48.9630,  
21.2430

■ 147.8190, 28.7910,  
12.3670

■ 109.9480, 59.6450,  
25.8930

■ 160.9100, 18.1090,  
7.7170

■ 97.5580, 69.7310,  
30.3310

■ 173.3000, 8.0230,  
3.2790

■ 85.0540, 80.1380,  
34.4580

■ 185.8040, -2.3840,  
-0.8480

■ 72.0770, 90.4990,  
39.4190

■ 198.1940,  
-12.4700, -5.2860

■ 59.5730, 100.9060,  
43.5460

■ 211.2850,  
-23.1520, -9.9360

■ 56.8830, 102.9690,  
44.7050

■ 223.6750,  
-33.2380, -14.3740

■ 233.1300,  
-41.9490, -16.1970

■ 233.4720,  
-42.9120, -15.2640

# Harmonies

## Analogous

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



136.5880, 25.4880, 22.6720



135.4290, 38.8770, 16.8050



134.2470, 41.9050, 5.9770

# Triad

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



135.4290, 38.8770, 16.8050



127.0030, -5.2230, -20.9910



125.2500, -50.4340, -0.0820

# Complementary

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



135.4290, 38.8770, 16.8050



161.5710, -38.8770, -16.8050

# 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.



117.1240, -68.1750, -14.4710



135.4290, 38.8770, 16.8050



122.5900, -31.8610, -22.8130

# Square

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



135.4290, 38.8770, 16.8050



130.3710, 17.2880, -15.9600



117.1710, -58.3620, -21.6100



132.9270, -24.1190, 13.1050



# Rectangle

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



135.4290, 38.8770, 16.8050



133.0520, 37.7800, -1.8680



117.1710, -58.3620, -21.6100



122.1950, -57.7690, -4.8170

# Sweetspot

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



135.4290, 38.8770, 16.8050



219.1160, 14.5330, 6.4450



140.1050, 14.2070, 34.3910



109.0120, 8.8940, 4.0140



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



135.4290, 38.8770, 16.8050



163.2470, 60.2410, 26.1050



149.8930, 33.9740, 1.0300



85.8050, 5.0430, 2.2190



48.4680, 87.8400, 38.0480



8.7140, 15.7250, 6.8690



# Inverse Universe

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



135.4290, 38.8770, 16.8050



163.2470, 60.2410, 26.1050



147.1070, -33.9740, -1.0300



85.8050, 5.0430, 2.2190



48.4680, 87.8400, 38.0480

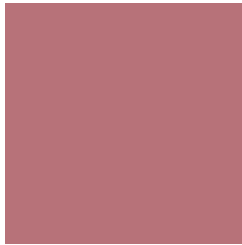


8.7140, 15.7250, 6.8690



# Previews

## White Background



This preview shows how the YIQ color 135.4290, 38.8770, 16.8050 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 135.4290, 38.8770, 16.8050 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 × Fail

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

# YIQ 135.4290, 38.8770, 16.8050

## Background



This preview shows how black text looks on a background with the YIQ color 135.4290, 38.8770, 16.8050.



This preview shows how white text looks on a background with the YIQ color 135.4290, 38.8770,



# 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

135.4290, 38.8770, 16.8050

### Protanopia

133.6690, 2.4300, 0.0140

### Deuteranopia

134.6230, 17.2390, 1.4550



## Tritanopia

135.5430, 38.5560, 17.1160

# Trichromacy



## Original Color

135.4290, 38.8770, 16.8050

## Protanomaly

134.1870, 15.7710, 6.0350

## Deuteranomaly

135.0910, 24.8490, 6.7130

## Tritanomaly

135.5430, 38.5560, 17.1160

# Monochromacy



## Original Color

135.4290, 38.8770, 16.8050

## Achromatopsia

135.0000, -0.0000, -0.0000

## Achromatomaly

134.8170, 13.9370, 6.2330

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 135.4290, 38.8770, 16.8050 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(183, 114, 121)` looks like.

```
.text, #text, p{  
    color:rgb(183, 114, 121)  
}
```

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(183, 114, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 114, 121) }
```

## Border

The CSS property to change the border of an element to YIQ 135.4290, 38.8770, 16.8050 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(183, 114, 121) }
```



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

```
.border{ border-color:rgb(183, 114, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 114, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 114, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 114, 121);  
box-shadow:4px 4px 4px 4px rgb(183, 114,  
121) }
```

# Background

The CSS property to change the background color of an element to YIQ 135.4290, 38.8770, 16.8050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 114, 121) }
```

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

```
.background{ background-color: rgb(183,  
114, 121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor