

# Converting Colors

YIQ(143.5510, 17.7420, 8.8620)

Have a look what the booklet for  
YIQ(143.5510, 17.7420, 8.8620)  
contains.

<b>YIQ(143.5510, 17.7420, 8.8620)</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(143.5510, 17.7420,  
8.8620)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A6858B
RGB	166, 133, 139
RGB Percent	65%, 52%, 55%
CMY	0.3489, 0.4785, 0.4548
CMYK	0.00, 0.20, 0.16, 0.35
HSL	349°, 16%, 59%
HSV	349°, 20%, 65%
XYZ	28.7773, 26.7451, 28.0781
YIQ	143.5510, 17.7420, 8.8620

# Conversions

## Conversions Part 2

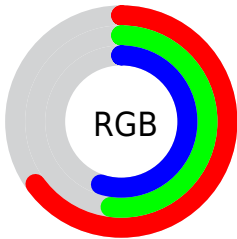
<b>Format</b>	<b>Color</b>
<b>RYB</b>	166, 133, 139
Decimal	10913163
CIELab	58.74, 13.60, 1.56
CIELCh	59, 13.687, 6.531
Yxy	26.7451, 0.3442, 0.3199
Android (android.graphics.Color)	4289103243 (0xFFA6858B)
YUV	143.5510, -2.2436, 19.6878
Hunter-Lab	51.7157, 8.8245, 4.0105

# Details

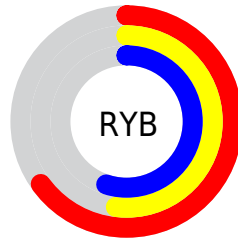
The YIQ color **143.5510, 17.7420, 8.8620** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **155.4490, -17.7420, -8.8620**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **197.1490, 18.9340, 9.2860**, and **92.9530, 16.5500, 8.4380** is the 20% darker color. If you saturate the color by 10%, you get **131.9760, 26.9110, 13.3990**, and if you desaturate by 10%, it is **155.1260, 8.5730, 4.3250**.

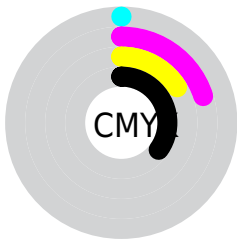
# Distribution



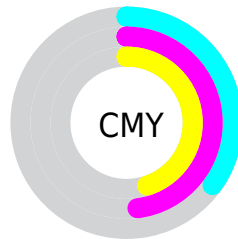
- Red (65%)
- Green (52%)
- Blue (55%)



- Red (65%)
- Yellow (52%)
- Blue (55%)



- Cyan (0%)
- Magenta (20%)
- Yellow (16%)
- Black (35%)




- Cyan (35%)
- Magenta (48%)
- Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 143.5510, 17.7420, 8.8620 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 143.5510, 17.7420, 8.8620 by changing the saturation by 10% instead.





 143.5510, 17.7420,  
8.8620


 143.5510, 17.7420,  
8.8620


255.0000, -0.0000,  
-0.0000

 117.9530, 16.5500,  
8.4380


 197.1490, 18.9340,  
9.2860


 92.9530, 16.5500,  
8.4380


 225.4480, 19.5300,  
9.4980

 69.3550, 15.3580,  
8.0140

 246.6850, 5.5010,  
4.9330

 46.7570, 14.1660,  
7.5900

 25.1590, 12.9740,  
7.1660

 5.6810, 11.3240,  
4.0280

 0.0000, 0.0000,

0.0000

■ 143.5510, 17.7420,  
8.8620

■ 143.5510, 17.7420,  
8.8620

■ 131.9760, 26.9110,  
13.3990

■ 155.1260, 8.5730,  
4.3250

■ 121.1020, 35.4840,  
17.7240

■ 166.0000, -0.0000,  
0.0000

■ 109.5270, 44.6530,  
22.2610

■ 177.5750, -9.1690,  
-4.5370

■ 98.6530, 53.2260,  
26.5860

■ 188.4490,  
-17.7420, -8.8620

■ 87.0780, 62.3950,  
31.1230

■ 200.0240,  
-26.9110, -13.3990

■ 75.6170, 71.2430,  
35.9710

■ 211.4850,  
-35.7590, -18.2470

■ 64.6290, 80.1370,  
39.9850

■ 222.4730,  
-44.6530, -22.2610

■ 53.0540, 89.3060,  
44.5220

■ 227.5910,  
-50.7970, -21.0450

■ 228.3890,  
-53.0440, -18.8680

# Harmonies

## Analogous

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



143.4130, 9.4430, 10.5870



143.5510, 17.7420, 8.8620



142.8840, 20.9980, 4.9180

# Triad

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



143.5510, 17.7420, 8.8620



139.3880, 1.4230, -9.2730



138.9790, -21.8700, -0.1260

# Complementary

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



143.5510, 17.7420, 8.8620



155.4490, -17.7420, -8.8620

# 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.



137.4360, -24.8950, -5.8790



143.5510, 17.7420, 8.8620



137.4020, -10.3600, -10.4880

# Square

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



143.5510, 17.7420, 8.8620



140.4710, 11.5550, -5.6690



136.7800, -20.1720, -8.8760



140.7460, -13.6640, 5.3440



# Rectangle

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



143.5510, 17.7420, 8.8620



142.1780, 19.9900, 1.1580



136.7800, -20.1720, -8.8760



138.1420, -23.8870, -2.1190

# Sweetspot

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



143.5510, 17.7420, 8.8620



208.1150, 7.1060, 3.3780



144.8350, 5.4990, 15.9870



104.5060, 4.4470, 2.0070



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000



# Same Dimension

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



143.5510, 17.7420, 8.8620



181.5740, 28.1030, 13.8230



148.7370, 16.9180, 1.7660



78.5060, 4.4470, 2.0070



47.3300, 79.5410, 39.7730



6.4360, 10.6360, 5.4840



# Inverse Universe

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



143.5510, 17.7420, 8.8620



181.5740, 28.1030, 13.8230



150.2630, -16.9180, -1.7660



78.5060, 4.4470, 2.0070



47.3300, 79.5410, 39.7730



6.4360, 10.6360, 5.4840



# Previews

## White Background



This preview shows how the YIQ color 143.5510, 17.7420, 8.8620 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 143.5510, 17.7420, 8.8620 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

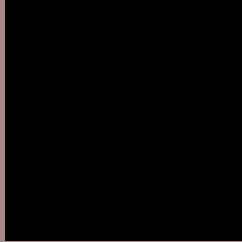
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 143.5510, 17.7420, 8.8620

## Background



This preview shows how black text looks on a background with the YIQ color 143.5510, 17.7420, 8.8620.



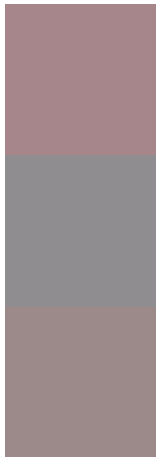
This preview shows how white text looks on a background with the YIQ color 143.5510, 17.7420,



# 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

143.5510, 17.7420, 8.8620

### Protanopia

141.8260, 0.5500, 1.0460

### Deuteranopia

142.7950, 11.0030, 4.3390



## Tritanopia

143.4200, 16.7330, 10.6290

# Trichromacy



## Original Color

143.5510, 17.7420, 8.8620

## Protanomaly

142.3430, 6.4640, 4.0000

## Deuteranomaly

143.4040, 13.6620, 5.7100

## Tritanomaly

143.3060, 17.0540, 10.3180

# Monochromacy



## Original Color

143.5510, 17.7420, 8.8620

## Achromatopsia

144.0000, -0.0000, 0.0000

## Achromatomaly

143.8160, 6.5100, 3.1660

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 143.5510, 17.7420, 8.8620 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(166, 133, 139)` looks like.

```
.text, #text, p{  
    color:rgb(166, 133, 139)  
}
```

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(166, 133, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 133, 139) }
```

## Border

The CSS property to change the border of an element to YIQ 143.5510, 17.7420, 8.8620 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(166, 133, 139) }
```



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

```
.border{ border-color:rgb(166, 133, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 133, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 133, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 133, 139);  
box-shadow:4px 4px 4px 4px rgb(166, 133,  
139) }
```

# Background

The CSS property to change the background color of an element to YIQ 143.5510, 17.7420, 8.8620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 133, 139) }
```

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

```
.background{ background-color: rgb(166,  
133, 139) }
```

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