

# Converting Colors

YUV(144.5500, -0.7641,  
11.7957)

Have a look what the booklet for  
YUV(144.5500, -0.7641, 11.7957)  
contains.

<b>YUV(144.5500, -0.7641, 11.7957)</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

**YUV(144.5500, -0.7641,  
11.7957)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E8A8F
RGB	158, 138, 143
RGB Percent	62%, 54%, 56%
CMY	0.3804, 0.4588, 0.4392
CMYK	0.00, 0.13, 0.09, 0.38
HSL	345°, 9%, 58%
HSV	345°, 13%, 62%
XYZ	28.1470, 27.4292, 29.7975
YIQ	144.5500, 10.3150, 5.7950

# Conversions

## Conversions Part 2

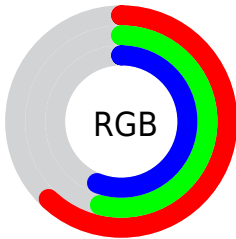
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	158, 138, 143
Decimal	10390159
CIE Lab	59.37, 8.40, 0.10
CIE LCh	59, 8.406, 0.676
Yxy	27.4292, 0.3297, 0.3213
Android (android.graphics.Color)	4288580239 (0xFF9E8A8F)
YUV	144.5500, -0.7641, 11.7957
Hunter-Lab	52.3729, 4.2792, 2.9281

# Details

The YUV color  $144.5500, -0.7641, 11.7957$  is a dark color, and the websafe version is hex  $999999$ . A complement of this color would be  $151.4500, 0.7642, -11.7956$ , and the grayscale version is  $145.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $198.2620, -0.6222, 12.9252$ , and  $94.2510, -0.6167, 11.1809$  is the 20% darker color. If you saturate the color by 10%, you get  $133.7900, -1.3755, 21.2322$ , and if you desaturate by 10%, it is  $155.3100, -0.1528, 2.3591$ .

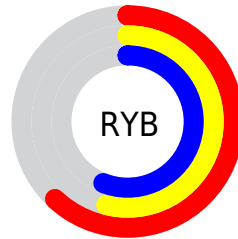
# Distribution



Red (62%)

Green (54%)

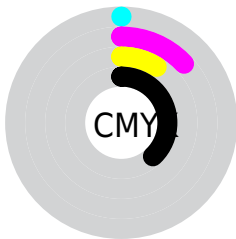
Blue (56%)



Red (62%)

Yellow (54%)

Blue (56%)

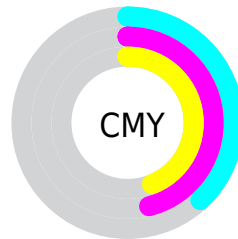


Cyan (0%)

Magenta (13%)

Yellow (9%)

Black (38%)



Cyan (38%)

Magenta (46%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 144.5500, -0.7641, 11.7957 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 YUV color 144.5500, -0.7641, 11.7957 by changing the saturation by 10% instead.



■ 144.5500, -0.7641,  
11.7957

■ 144.5500, -0.7641,  
11.7957

255.0000, 0.0000,  
0.0000

■ 119.1370, -1.0535,  
11.2809

■ 198.2620, -0.6222,  
12.9252

■ 94.2510, -0.6167,  
11.1809

■ 226.2620, -0.6222,  
12.9252

■ 70.5390, -0.7587,  
10.0513

■ 250.6630, 1.1521,  
3.8035

■ 48.2400, -0.6113,  
9.4365

■ 26.9410, -0.4639,  
8.8217

■ 4.1860, -2.0637,  
8.6069

■ 0.0000, 0.0000,

0.0000

144.5500, -0.7641,  
11.7957

144.5500, -0.7641,  
11.7957

133.7900, -1.3755,  
21.2322

155.3100, -0.1528,  
2.3591

123.0300, -1.9868,  
30.6687

166.0700, 0.4585,  
-7.0774

112.8570, -2.8875,  
39.5904

176.2430, 1.3592,  
-15.9991

102.2110, -3.0620,  
48.9270

186.8890, 1.5337,  
-25.3357

91.4510, -3.6733,  
58.3635

197.6490, 2.1450,  
-34.7722

80.6910, -4.2847,  
67.8000

208.4090, 2.7564,  
-44.2087

■ 69.9310, -4.8960,  
77.2365

■ 219.1690, 3.3677,  
-53.6452

■ 59.7580, -5.7967,  
86.1582

■ 224.0590, 6.8729,  
-57.9337

■ 51.8020, -5.8184,  
93.1356

■ 225.4270, 12.1145,  
-59.1335

# Harmonies

## Analogous

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



144.4400, 2.7411, 7.5071



144.5500, -0.7641, 11.7957



144.0510, -3.9691, 13.1103

# Triad

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



144.5500, -0.7641, 11.7957



142.0940, -5.9623, -0.9594



141.7580, 7.0213, -12.0658

# Complementary

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



144.5500, -0.7641, 11.7957



151.4500, 0.7642, -11.7956

# 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.



140.7640, 4.5533, -13.8250



144.5500, -0.7641, 11.7957



141.1470, -3.0305, -8.0219

# Square

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



144.5500, -0.7641, 11.7957



142.4970, -7.1470, 5.7031



140.2650, 1.3484, -12.5104



142.6170, 7.5838, -5.8031



# Rectangle

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



144.5500, -0.7641, 11.7957



143.5840, -5.7109, 11.7658



140.2650, 1.3484, -12.5104



140.9320, 6.4425, -13.0954

# Sweetspot

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



144.5500, -0.7641, 11.7957



200.9190, -0.4531, 5.3330



144.7650, 6.5249, 7.2221



101.0220, -0.0108, 3.4887



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



144.5500, -0.7641, 11.7957



186.0670, -1.5120, 18.3582



146.9150, -4.3951, 9.7215



73.6200, -0.3057, 4.7183



46.8610, -5.3545, 84.3139



4.9410, -0.4639, 8.8217



# Inverse Universe

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



144.5500, -0.7641, 11.7957



186.0670, -1.5120, 18.3582



149.0850, 4.3951, -9.7215



73.6200, -0.3057, 4.7183



46.8610, -5.3545, 84.3139



4.9410, -0.4639, 8.8217



# Previews

## White Background



This preview shows how the YUV color 144.5500, -0.7641, 11.7957 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 YUV color 144.5500, -0.7641, 11.7957 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](#).

# YUV 144.5500, -0.7641, 11.7957

## Background



This preview shows how black text looks on a background with the YUV color 144.5500, -0.7641, 11.7957.



This preview shows how white text looks on a background with the YUV color 144.5500, -0.7641,



# 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

144.5500, -0.7641, 11.7957

### Protanopia

143.2390, 0.8682, 1.5444

### Deuteranopia

144.2510, -0.6167, 11.1809



## Tritanopia

144.8320, 1.5618, 12.4253

# Trichromacy



## Original Color

144.5500, -0.7641, 11.7957

## Protanomaly

144.0330, -0.0163, 5.2331

## Deuteranomaly

144.2510, -0.6167, 11.1809

## Tritanomaly

144.6040, 0.6882, 12.6253

# Monochromacy



## Original Color

144.5500, -0.7641, 11.7957

## Achromatopsia

145.0000, 0.0000, 0.0000

## Achromatomaly

144.6200, -0.3057, 4.7183

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 144.5500, -0.7641, 11.7957 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(158, 138, 143)` looks like.

```
.text, #text, p{  
    color:rgb(158, 138, 143)  
}
```

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(158, 138, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 138, 143) }
```

## Border

The CSS property to change the border of an element to YUV 144.5500, -0.7641, 11.7957 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(158, 138, 143) }
```



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

```
.border{ border-color:rgb(158, 138, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 138, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 138, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 138, 143);  
box-shadow:4px 4px 4px 4px rgb(158, 138,  
143) }
```

# Background

The CSS property to change the background color of an element to YUV 144.5500, -0.7641, 11.7957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 138, 143) }
```

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

```
.background{ background-color: rgb(158,  
138, 143) }
```

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