

Converting Colors

YUV(121.5750, -5.2135,
38.9607)

Have a look what the booklet for
YUV(121.5750, -5.2135, 38.9607)
contains.

YUV(121.5750, -5.2135, 38.9607)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(121.5750, -5.2135,
38.9607)**

Conversions

Conversions Part 1

Format	Color
Hex	A6656F
RGB	166, 101, 111
RGB Percent	65%, 40%, 44%
CMY	0.3490, 0.6039, 0.5647
CMYK	0.00, 0.39, 0.33, 0.35
HSL	351°, 27%, 52%
HSV	351°, 39%, 65%
XYZ	23.2488, 18.5620, 17.3964
YIQ	121.5750, 35.5300, 16.8900

Conversions

Conversions Part 2

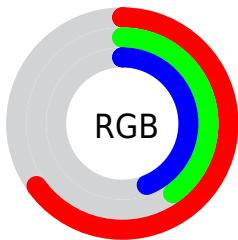
Format	Color
R_{YB}	166, 101, 111
Decimal	10904943
CIE _{Lab}	50.17, 27.48, 5.56
CIE _{LCh}	50, 28.036, 11.444
Yxy	18.5620, 0.3927, 0.3135
Android (android.graphics.Color)	4289095023 (0xFFA6656F)
YUV	121.5750, -5.2135, 38.9607
Hunter-Lab	43.0837, 20.9256, 6.2184

Details

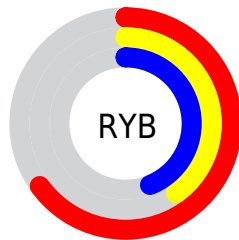
The YUV color **121.5750, -5.2135, 38.9607** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **145.4250, 5.2135, -38.9607**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.0700, -5.9505, 42.0346**, and **71.7810, -4.3290, 35.2721** is the 20% darker color. If you saturate the color by 10%, you get **110.0000, -6.4090, 49.1120**, and if you desaturate by 10%, it is **133.1500, -4.0179, 28.8095**.

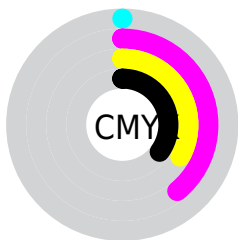
Distribution



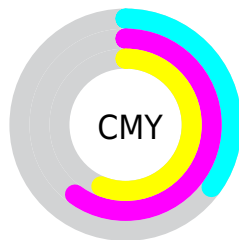
- Red (65%)
- Green (40%)
- Blue (44%)



- Red (65%)
- Yellow (40%)
- Blue (44%)



- Cyan (0%)
- Magenta (39%)
- Yellow (33%)
- Black (35%)



- Cyan (35%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.5750, -5.2135, 38.9607 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 121.5750, -5.2135, 38.9607 by changing the saturation by 10% instead.

■ 121.5750, -5.2135,
38.9607

■ 121.5750, -5.2135,
38.9607

■ 255.0000, 0.0000,
0.0000

■ 96.0910, -4.4819,
37.6312

■ 175.0700, -5.9505,
42.0346

■ 71.7810, -4.3290,
35.2721

■ 202.6680, -6.2453,
43.2642

■ 47.5250, -2.7238,
33.7426

■ 223.0790, -2.9969,
27.9947

■ 23.5680, -1.2660,
32.8279

■ 242.8210, 1.5672,
10.6810

■ 12.3730, -5.6069,
25.1059

■ 0.0000, 0.0000,
0.0000

121.5750, -5.2135,
38.9607

121.5750, -5.2135,
38.9607

110.0000, -6.4090,
49.1120

133.1500, -4.0179,
28.8095

99.0120, -7.8939,
58.7485

144.1380, -2.5330,
19.1730

87.4370, -9.0894,
68.8998

155.7130, -1.3375,
9.0217

76.4490, -10.5744,
78.5362

166.7010, 0.1474,
-0.6148

64.8740, -11.7699,
88.6875

178.2760, 1.3429,
-10.7661

53.2990, -12.9654,
98.8388

189.8510, 2.5385,
-20.9173

52.5980, -13.1128,
99.4536

200.8390, 4.0234,
-30.5538

212.4140, 5.2189,

-40.7051

 223.4020, 6.7038,
-50.3416

Harmonies

Analogous

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



122.7940, 6.0176, 29.9987



121.5750, -5.2135, 38.9607



120.2190, -15.3910, 36.6419

Triad

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



121.5750, -5.2135, 38.9607



113.9110, -15.2391, -12.1999



110.5980, 26.3272, -44.3744

Complementary

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



121.5750, -5.2135, 38.9607



145.4250, 5.2135, -38.9607

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.



102.0700, 23.6295, -65.8364



121.5750, -5.2135, 38.9607



109.5690, -3.2385, -34.7020

Square

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



121.5750, -5.2135, 38.9607



116.9090, -22.1401, 7.9728



103.7370, 11.9617, -56.7743



118.6770, 23.3302, -16.3797

Rectangle

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



121.5750, -5.2135, 38.9607



119.5080, -20.4634, 30.2495



103.7370, 11.9617, -56.7743



107.5430, 26.3543, -53.0962

Sweetspot

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



121.5750, -5.2135, 38.9607



199.2300, -2.0854, 15.5843



124.5560, 20.4319, 26.6994



99.1260, -1.0481, 9.5365



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.



121.5750, -5.2135, 38.9607



147.3220, -8.0467, 61.1076



133.3490, -15.9481, 28.6349



78.5060, -0.7425, 4.8182



46.8740, -11.7699, 88.6875



6.3220, -1.6377, 11.9956

Inverse Universe

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



121.5750, -5.2135, 38.9607



147.3220, -8.0467, 61.1076



133.6510, 15.9481, -28.6349



78.5060, -0.7425, 4.8182



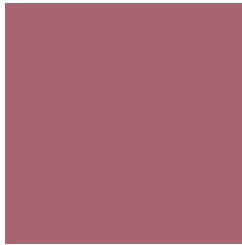
46.8740, -11.7699, 88.6875



6.3220, -1.6377, 11.9956

Previews

White Background



This preview shows how the YUV color 121.5750, -5.2135, 38.9607 looks on a white background.

Color Contrast Check

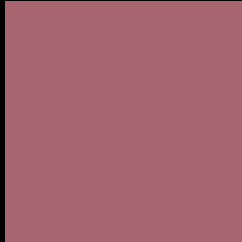
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.5750, -5.2135, 38.9607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

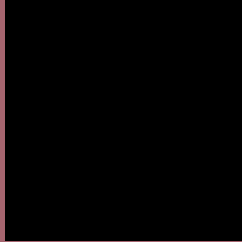
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.5750, -5.2135, 38.9607

Background



This preview shows how black text looks on a background with the YUV color 121.5750, -5.2135, 38.9607.



This preview shows how white text looks on a background with the YUV color 121.5750, -5.2135,

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

121.5750, -5.2135, 38.9607

Protanopia

119.8260, 0.5788, 1.0296

Deuteranopia

121.0680, -6.4425, 13.0954



Tritanopia

121.3470, -6.0871, 39.1607

Trichromacy



Original Color

121.5750, -5.2135, 38.9607

Protanomaly

120.0450, -1.5012, 14.8695

Deuteranomaly

121.5360, -6.1802, 22.3319

Tritanomaly

121.4610, -5.6503, 39.0607

Monochromacy



Original Color

121.5750, -5.2135, 38.9607

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.6320, -1.7906, 14.3547

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.5750, -5.2135, 38.9607 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, 101, 111)` looks like.

```
.text, #text, p{  
    color:rgb(166, 101, 111)  
}
```

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, 101, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 101, 111) }
```

Border

The CSS property to change the border of an element to YUV 121.5750, -5.2135, 38.9607 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, 101, 111) }
```


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

```
.border{ border-color:rgb(166, 101, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 101, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 101, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 101, 111);  
box-shadow:4px 4px 4px 4px rgb(166, 101,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 121.5750, -5.2135, 38.9607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 101, 111) }
```

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

```
.background{ background-color: rgb(166,  
101, 111) }
```

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