

# Converting Colors

YUV(96.6150, 4.1338, 27.5246)

Have a look what the booklet for  
YUV(96.6150, 4.1338, 27.5246)  
contains.

<b>YUV(96.6150, 4.1338, 27.5246)</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(96.6150, 4.1338,  
27.5246)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	804F69
RGB	128, 79, 105
RGB Percent	50%, 31%, 41%
CMY	0.4980, 0.6902, 0.5882
CMYK	0.00, 0.38, 0.18, 0.50
HSL	328°, 24%, 41%
HSV	328°, 38%, 50%
XYZ	14.2479, 11.2011, 14.7757
YIQ	96.6150, 20.8580, 18.4740

# Conversions

## Conversions Part 2

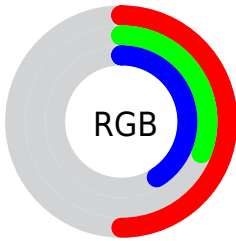
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 79, 105
Decimal	8408937
CIE Lab	39.92, 24.59, -6.37
CIE LCh	40, 25.397, 345.480
Yxy	11.2011, 0.3542, 0.2785
Android (android.graphics.Color)	4286599017 (0xFF804F69)
YUV	96.6150, 4.1338, 27.5246
Hunter-Lab	33.4680, 17.4213, -2.7481

# Details

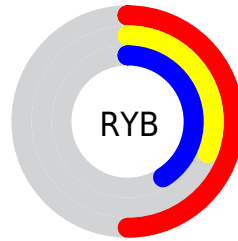
The YUV color **96.6150, 4.1338, 27.5246** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **110.3850, -4.1338, -27.5246**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.9250, 3.9810, 29.8838**, and **49.0060, 4.4340, 24.5507** is the 20% darker color. If you saturate the color by 10%, you get **88.3000, 5.2751, 34.8169**, and if you desaturate by 10%, it is **104.9300, 2.9925, 20.2324**.

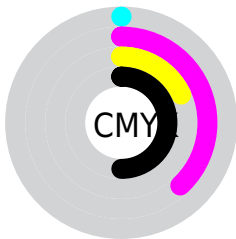
# Distribution



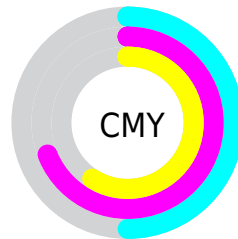
- Red (50%)
- Green (31%)
- Blue (41%)



- Red (50%)
- Yellow (31%)
- Blue (41%)



- Cyan (0%)
- Magenta (38%)
- Yellow (18%)
- Black (50%)




- Cyan (50%)
- Magenta (69%)
- Yellow (59%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 96.6150, 4.1338, 27.5246 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 96.6150, 4.1338, 27.5246 by changing the saturation by 10% instead.




 96.6150, 4.1338,  
27.5246


 96.6150, 4.1338,  
27.5246


255.0000, 0.0000,  
0.0000

 72.0170, 4.4286,  
26.2951

 147.9250, 3.9810,  
29.8838

 49.0060, 4.4340,  
24.5507

 174.6370, 4.1230,  
31.0134


 25.8210, 5.0182,  
23.8360

 202.0500, 4.4124,  
31.5282

 12.1750, 1.3927,  
20.0175

 226.7610, 6.0338,  
24.7656

 0.0000, 0.0000,  
0.0000

 245.6080, 4.6303,  
8.2368

96.6150, 4.1338,  
27.5246

96.6150, 4.1338,  
27.5246

88.3000, 5.2751,  
34.8169

104.9300, 2.9925,  
20.2324

79.9850, 6.4164,  
42.1092

113.2450, 1.8512,  
12.9401

72.2570, 7.2683,  
48.8866

120.9730, 0.9993,  
6.1627

63.9420, 8.4096,  
56.1789

129.2880, -0.1420,  
-1.1296

55.6270, 9.5509,  
63.4711

137.6030, -1.2833,  
-8.4218

47.3120, 10.6922,  
70.7634

145.9180, -2.4246,  
-15.7141

46.0240, 10.8342,  
71.8930

154.2330, -3.5659,  
-23.0063

161.9610, -4.4178,

-29.7838

■ 170.2760, -5.5591,  
-37.0761

# Harmonies

## Analogous

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



96.8070, 12.9131, 11.5703



96.6150, 4.1338, 27.5246



95.4280, -5.6340, 33.8276

# Triad

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



96.6150, 4.1338, 27.5246



91.3970, -18.9297, 4.9138



74.4830, 23.9189, -65.3216

# Complementary

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



96.6150, 4.1338, 27.5246



110.3850, -4.1338, -27.5246

# 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.



76.7800, 13.4195, -57.6891



96.6150, 4.1338, 27.5246



88.7090, -12.1815, -12.8998

# Square

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



96.6150, 4.1338, 27.5246



93.0830, -19.2679, 20.0982



84.5630, -0.7706, -32.9428



86.8440, 23.2479, -36.6972



# Rectangle

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



96.6150, 4.1338, 27.5246



94.5220, -11.5963, 32.8682



84.5630, -0.7706, -32.9428



74.3860, 21.0087, -65.2365

# Sweetspot

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



96.6150, 4.1338, 27.5246



154.4080, 1.2779, 10.1662



91.4630, 18.0127, 9.2409



76.9730, 0.9993, 6.1627



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000



# Same Dimension

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



96.6150, 4.1338, 27.5246



117.2840, 6.2690, 42.7239



93.8790, -6.3493, 29.9241



59.5490, 0.7153, 3.9035



46.0240, 10.8342, 71.8930



0.0000, 0.0000, 0.0000



# Inverse Universe

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



96.6150, 4.1338, 27.5246



117.2840, 6.2690, 42.7239



113.1210, 6.3493, -29.9241



59.5490, 0.7153, 3.9035



46.0240, 10.8342, 71.8930

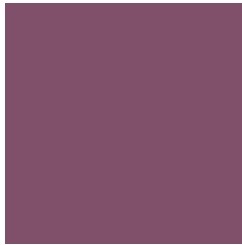


0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 96.6150, 4.1338, 27.5246 looks on a white 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



# Black Background



This preview shows how the YUV color 96.6150, 4.1338, 27.5246 looks on a black 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

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

# YUV 96.6150, 4.1338, 27.5246

## Background



This preview shows how black text looks on a background with the YUV color 96.6150, 4.1338, 27.5246.



This preview shows how white text looks on a background with the YUV color 96.6150, 4.1338,



# 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

96.6150, 4.1338, 27.5246

### Protanopia

95.1980, 9.7624, -4.5586

### Deuteranopia

95.6460, 3.6255, 3.8185



## Tritanopia

95.8400, -3.8651, 26.4503

# Trichromacy



## Original Color

96.6150, 4.1338, 27.5246

## Protanomaly

95.9930, 7.3985, 7.0221

## Deuteranomaly

95.8150, 4.0352, 12.4402

## Tritanomaly

96.2360, -1.1023, 26.9800

# Monochromacy



## Original Color

96.6150, 4.1338, 27.5246

## Achromatopsia

97.0000, 0.0000, 0.0000

## Achromatomaly

96.5220, 1.7147, 10.0662

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 96.6150, 4.1338, 27.5246 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(128, 79, 105)` looks like.

```
.text, #text, p{  
    color:rgb(128, 79, 105)  
}
```

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(128, 79, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 79, 105) }
```

## Border

The CSS property to change the border of an element to YUV 96.6150, 4.1338, 27.5246 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(128, 79, 105) }
```



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

```
.border{ border-color:rgb(128, 79, 105) }
```

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

Here you see how a box with a 4 pixel rgb(128, 79, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 79, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 79, 105);  
box-shadow:4px 4px 4px 4px rgb(128, 79,  
105) }
```

# Background

The CSS property to change the background color of an element to YUV 96.6150, 4.1338, 27.5246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 79, 105) }
```

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

```
.background{ background-color: rgb(128, 79,  
105) }
```

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