

Converting Colors

YUV(96.9570, 5.4442, 27.2247)

Have a look what the booklet for
YUV(96.9570, 5.4442, 27.2247)
contains.

| | |
|--|----|
| YUV(96.9570, 5.4442, 27.2247) | 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(96.9570, 5.4442,
27.2247)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 804F6C |
| RGB | 128, 79, 108 |
| RGB Percent | 50%, 31%, 42% |
| CMY | 0.4980, 0.6902, 0.5765 |
| CMYK | 0.00, 0.38, 0.16, 0.50 |
| HSL | 324°, 24%, 41% |
| HSV | 324°, 38%, 50% |
| XYZ | 14.4048, 11.2639, 15.6023 |
| YIQ | 96.9570, 19.8950, 19.4070 |

Conversions

Conversions Part 2

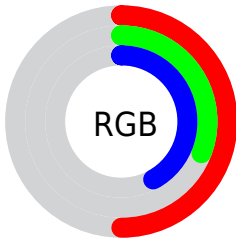
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 128, 79, 108 |
| Decimal | 8408940 |
| CIE Lab | 40.02, 25.11, -8.07 |
| CIE LCh | 40, 26.373, 342.183 |
| Yxy | 11.2639, 0.3490, 0.2729 |
| Android (android.graphics.Color) | 4286599020 (0xFF804F6C) |
| YUV | 96.9570, 5.4442, 27.2247 |
| Hunter-Lab | 33.5617, 17.8801, -4.0698 |

Details

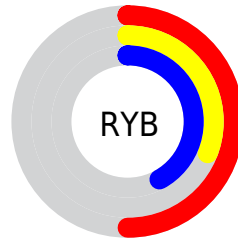
The YUV color **96.9570, 5.4442, 27.2247** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **110.0430, -5.4442, -27.2247**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.2670, 5.2914, 29.5838**, and **49.3480, 5.7444, 24.2508** is the 20% darker color. If you saturate the color by 10%, you get **88.7560, 7.0223, 34.4170**, and if you desaturate by 10%, it is **105.1580, 3.8661, 20.0324**.

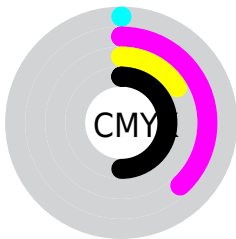
Distribution



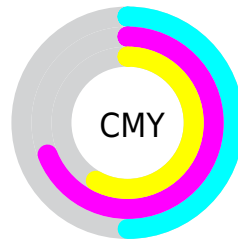
- Red (50%)
- Green (31%)
- Blue (42%)



- Red (50%)
- Yellow (31%)
- Blue (42%)



- Cyan (0%)
- Magenta (38%)
- Yellow (16%)
- Black (50%)



- Cyan (50%)
- Magenta (69%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.9570, 5.4442, 27.2247 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 96.9570, 5.4442, 27.2247 by changing the saturation by 10% instead.


 96.9570, 5.4442,
27.2247


 96.9570, 5.4442,
27.2247


255.0000, 0.0000,
0.0000


 72.3590, 5.7390,
25.9952


 148.2670, 5.2914,
29.5838


 49.3480, 5.7444,
24.2508

 174.9790, 5.4334,
30.7134


 26.4620, 6.1812,
24.1508

 202.3920, 5.7227,
31.2282

 12.6310, 3.1399,
19.6176

 227.1030, 7.3442,
24.4657

 0.0000, 0.0000,
0.0000

 245.6080, 4.6303,
8.2368

96.9570, 5.4442,
27.2247

96.9570, 5.4442,
27.2247

88.7560, 7.0223,
34.4170

105.1580, 3.8661,
20.0324

80.5550, 8.6004,
41.6093

113.3590, 2.2880,
12.8402

72.8270, 9.4523,
48.3867

121.0870, 1.4361,
6.0627

64.6260, 11.0304,
55.5790

129.2880, -0.1420,
-1.1296

56.4250, 12.6085,
62.7713

137.4890, -1.7201,
-8.3219

48.2240, 14.1866,
69.9636

145.6900, -3.2982,
-15.5141

46.9360, 14.3286,
71.0931

154.0050, -4.4395,
-22.8064

161.6190, -5.7282,

-29.4839

■ 169.8200, -7.3063,
-36.6761

Harmonies

Analogous

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



96.5510, 14.5184, 10.0408



96.9570, 5.4442, 27.2247



95.6670, -4.7658, 35.3720

Triad

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



96.9570, 5.4442, 27.2247



92.0660, -20.2455, 6.9581



75.0700, 23.6295, -65.8364

Complementary

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



96.9570, 5.4442, 27.2247



110.0430, -5.4442, -27.2247

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.



75.7580, 13.4303, -61.1778



96.9570, 5.4442, 27.2247



89.0790, -13.3499, -11.4703

Square

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



96.9570, 5.4442, 27.2247



93.8660, -20.1469, 22.0425



85.1070, -2.5178, -32.5428



84.8540, 24.7220, -42.8450

Rectangle

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



96.9570, 5.4442, 27.2247



95.5330, -11.6018, 34.6126



85.1070, -2.5178, -32.5428



74.9730, 20.7193, -65.7513

Sweetspot

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



96.9570, 5.4442, 27.2247



154.5220, 1.7147, 10.0662



90.5660, 18.4550, 7.3966



77.0870, 1.4361, 6.0627



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.



96.9570, 5.4442, 27.2247



117.8540, 8.4530, 42.2240



94.2210, -5.0390, 29.6242



59.5490, 0.7153, 3.9035



46.8220, 13.8918, 71.1931



0.0000, 0.0000, 0.0000

Inverse Universe

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



96.9570, 5.4442, 27.2247



117.8540, 8.4530, 42.2240



112.7790, 5.0390, -29.6242



59.5490, 0.7153, 3.9035



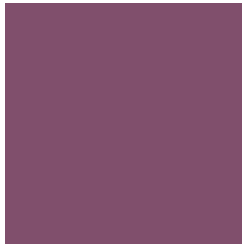
46.8220, 13.8918, 71.1931



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 96.9570, 5.4442, 27.2247 looks on a white background.

Color Contrast Check

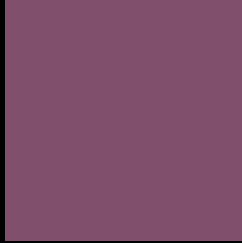
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.9570, 5.4442, 27.2247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

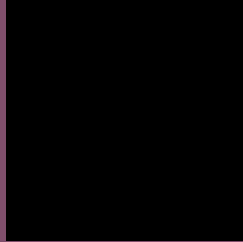
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.9570, 5.4442, 27.2247

Background



This preview shows how black text looks on a background with the YUV color 96.9570, 5.4442, 27.2247.



This preview shows how white text looks on a background with the YUV color 96.9570, 5.4442,

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

96.9570, 5.4442, 27.2247

Protanopia

95.2410, 11.2202, -5.4734

Deuteranopia

95.6890, 5.0833, 2.9037



Tritanopia

96.5410, -3.7177, 25.8355

Trichromacy



Original Color

96.9570, 5.4442, 27.2247

Protanomaly

96.0360, 8.8563, 6.1074

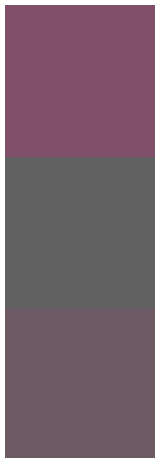
Deuteranomaly

96.1570, 5.3456, 12.1403

Tritanomaly

97.0510, -0.5181, 26.2653

Monochromacy



Original Color

96.9570, 5.4442, 27.2247

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.6360, 2.1515, 9.9662

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.9570, 5.4442, 27.2247 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, 108)` looks like.

```
.text, #text, p{  
    color:rgb(128, 79, 108)  
}
```

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, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 79, 108) }
```

Border

The CSS property to change the border of an element to YUV 96.9570, 5.4442, 27.2247 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, 108) }
```


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

```
.border{ border-color:rgb(128, 79, 108) }
```

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, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 79, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 79, 108);  
box-shadow:4px 4px 4px 4px rgb(128, 79,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 96.9570, 5.4442, 27.2247 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, 108) }
```

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

```
.background{ background-color: rgb(128, 79,  
108) }
```

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