

Converting Colors

YUV(122.2750, 13.1754,
20.8068)

Have a look what the booklet for
YUV(122.2750, 13.1754, 20.8068)
contains.

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Color

**YUV(122.2750, 13.1754,
20.8068)**

Conversions

Conversions Part 1

Format	Color
Hex	926995
RGB	146, 105, 149
RGB Percent	57%, 41%, 58%
CMY	0.4275, 0.5882, 0.4157
CMYK	0.02, 0.30, 0.00, 0.42
HSL	296°, 17%, 50%
HSV	296°, 30%, 58%
XYZ	22.3305, 18.3841, 30.8053
YIQ	122.2750, 10.3120, 22.3760

Conversions

Conversions Part 2

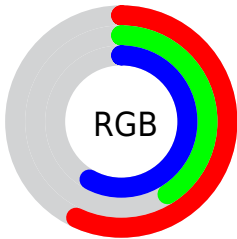
Format	Color
RYB	146, 105, 149
Decimal	9595285
CIELab	49.96, 24.22, -17.57
CIELCh	50, 29.924, 324.035
Yxy	18.3841, 0.3122, 0.2570
Android (android.graphics.Color)	4287785365 (0xFF926995)
YUV	122.2750, 13.1754, 20.8068
Hunter-Lab	42.8766, 17.9299, -12.5840

Details

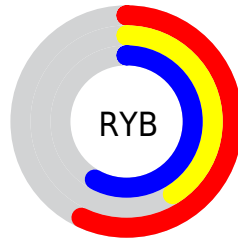
The YUV color **122.2750, 13.1754, 20.8068** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **131.7250, -13.1754, -20.8068**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.4000, 13.6068, 22.4512**, and **73.0360, 12.3073, 19.2624** is the 20% darker color. If you saturate the color by 10%, you get **113.1710, 17.6637, 27.9140**, and if you desaturate by 10%, it is **131.3790, 8.6872, 13.6996**.

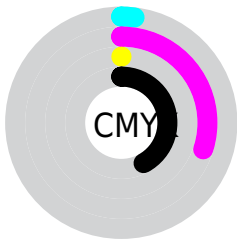
Distribution



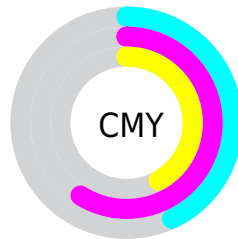
- Red (57%)
- Green (41%)
- Blue (58%)



- Red (57%)
- Yellow (41%)
- Blue (58%)



- Cyan (2%)
- Magenta (30%)
- Yellow (0%)
- Black (42%)



- Cyan (43%)
- Magenta (59%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.2750, 13.1754, 20.8068 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 122.2750, 13.1754, 20.8068 by changing the saturation by 10% instead.

■ 122.2750, 13.1754,
20.8068

■ 122.2750, 13.1754,
20.8068

■ 255.0000, 0.0000,
0.0000

■ 96.8620, 12.8860,
20.2920

■ 175.4000, 13.6068,
22.4512

■ 73.0360, 12.3073,
19.2624

■ 202.8130, 13.8962,
22.9660

■ 49.3240, 12.1653,
18.1329

■ 229.7590, 12.4438,
22.1364

■ 26.9110, 11.8759,
17.6181

■ 246.1950, 4.3409,
7.7220

■ 12.5040, 9.1185,
15.3440

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,

0.0000

■ 122.2750, 13.1754,
20.8068

■ 122.2750, 13.1754,
20.8068

■ 113.1710, 17.6637,
27.9140

■ 131.3790, 8.6872,
13.6996

■ 104.0670, 22.1520,
35.0212

■ 140.4830, 4.1989,
6.5924

■ 94.9630, 26.6402,
42.1284

■ 149.5870, -0.2894,
-0.5148

■ 85.8590, 31.1285,
49.2357

■ 158.6910, -4.7777,
-7.6220

■ 76.7550, 35.6168,
56.3429

■ 167.7950, -9.2659,
-14.7292

■ 68.2380, 39.8157,
62.9353

■ 176.3120,
-13.4648, -21.3216

■ 59.1340, 44.3039,
70.0425

■ 185.4160,
-17.9531, -28.4288

■ 58.5470, 44.5933,
70.5573

■ 194.5200,
-22.4414, -35.5360

■ 203.6240,
-26.9296, -42.6432

Harmonies

Analogous

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



119.8140, 22.2767, -5.0989



122.2750, 13.1754, 20.8068



121.3990, 1.7753, 37.3611

Triad

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



122.2750, 13.1754, 20.8068



117.7040, -24.5041, 19.5536



93.3300, 22.5153, -81.8504

Complementary

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



122.2750, 13.1754, 20.8068



131.7250, -13.1754, -20.8068

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.



105.3160, 3.7882, -48.5121



122.2750, 13.1754, 20.8068



115.2670, -21.8236, -0.2342

Square

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



122.2750, 13.1754, 20.8068



119.3560, -19.8955, 34.7678



111.1700, -11.4228, -22.9511



99.8290, 29.1713, -70.0100

Rectangle

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



122.2750, 13.1754, 20.8068



120.6570, -6.2399, 41.5198



111.1700, -11.4228, -22.9511



98.2840, 15.6360, -68.6551

Sweetspot

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



122.2750, 13.1754, 20.8068



183.1350, 5.3564, 8.6516



112.3640, 18.0615, -6.4582



90.2440, 3.3307, 5.0480



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



122.2750, 13.1754, 20.8068



152.5890, 20.4156, 31.9324



121.1200, 4.8708, 24.4508



69.5920, 2.1731, 2.9888



54.0040, 41.4100, 64.8945



4.1300, 2.8939, 5.1480

Inverse Universe

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



118.4980, -5.1755, 26.7503



146.9020, -7.8397, 41.3049



132.8800, -4.8708, -24.4508



69.0930, -1.0318, 4.3034



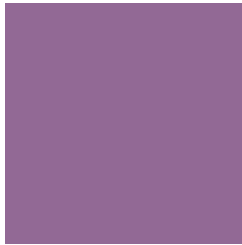
42.2880, -16.4110, 83.9394



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 122.2750, 13.1754, 20.8068 looks on a white background.

Color Contrast Check

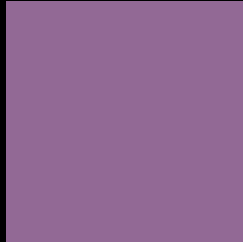
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.2750, 13.1754, 20.8068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

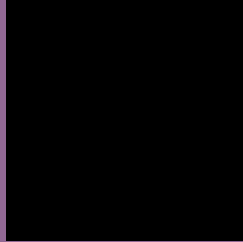
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.2750, 13.1754, 20.8068

Background



This preview shows how black text looks on a background with the YUV color 122.2750, 13.1754, 20.8068.



This preview shows how white text looks on a background with the YUV color 122.2750, 13.1754,

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

122.2750, 13.1754, 20.8068

Protanopia

119.5700, 18.9460, -10.1469

Deuteranopia

120.4200, 13.1039, -2.9993



Tritanopia

121.1810, -1.0752, 18.2583

Trichromacy



Original Color

122.2750, 13.1754, 20.8068

Protanomaly

120.4790, 17.0189, 1.3339

Deuteranomaly

121.4750, 13.0768, 5.7224

Tritanomaly

121.5600, 4.1609, 18.8029

Monochromacy



Original Color

122.2750, 13.1754, 20.8068

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.3090, 4.7777, 7.6220

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.2750, 13.1754, 20.8068 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(146, 105, 149)` looks like.

```
.text, #text, p{  
    color:rgb(146, 105, 149)  
}
```

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(146, 105, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 105, 149) }
```

Border

The CSS property to change the border of an element to YUV 122.2750, 13.1754, 20.8068 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(146, 105, 149) }
```


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

```
.border{ border-color:rgb(146, 105, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 105, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 105, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 105, 149);  
box-shadow:4px 4px 4px 4px rgb(146, 105,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 122.2750, 13.1754, 20.8068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 105, 149) }
```

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

```
.background{ background-color: rgb(146,  
105, 149) }
```

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](#).

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