

# Converting Colors

YUV(124.6000, 0.1972, 30.1688)

Have a look what the booklet for  
YUV(124.6000, 0.1972, 30.1688)  
contains.

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# Color

**YUV(124.6000, 0.1972,  
30.1688)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F6B7D
RGB	159, 107, 125
RGB Percent	62%, 42%, 49%
CMY	0.3765, 0.5804, 0.5098
CMYK	0.00, 0.33, 0.21, 0.38
HSL	339°, 21%, 52%
HSV	339°, 33%, 62%
XYZ	23.2574, 19.3670, 21.9144
YIQ	124.6000, 25.2140, 16.6220

# Conversions

## Conversions Part 2

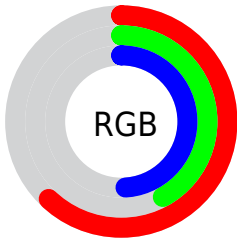
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 107, 125
Decimal	10447741
CIE <sub>Lab</sub>	51.11, 23.45, -1.49
CIE <sub>LCh</sub>	51, 23.500, 356.356
Yxy	19.3670, 0.3604, 0.3001
Android (android.graphics.Color)	4288637821 (0xFF9F6B7D)
YUV	124.6000, 0.1972, 30.1688
Hunter-Lab	44.0079, 17.3203, 1.2812

# Details

The YUV color **124.6000, 0.1972, 30.1688** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **141.4000, -0.1972, -30.1688**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.9100, 0.0444, 32.5279**, and **74.9910, 0.4974, 27.1949** is the 20% darker color. If you saturate the color by 10%, you get **114.0680, 0.4595, 39.4054**, and if you desaturate by 10%, it is **135.1320, -0.0651, 20.9322**.

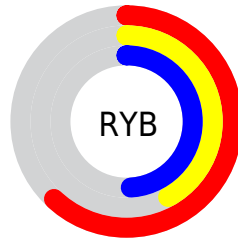
# Distribution



Red (62%)

Green (42%)

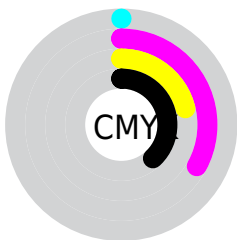
Blue (49%)



Red (62%)

Yellow (42%)

Blue (49%)

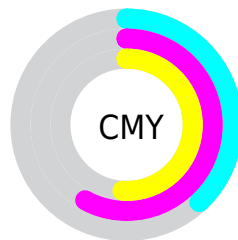


Cyan (0%)

Magenta (33%)

Yellow (21%)

Black (38%)



Cyan (38%)

Magenta (58%)


Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 124.6000, 0.1972, 30.1688 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 124.6000, 0.1972, 30.1688 by changing the saturation by 10% instead.




 124.6000, 0.1972,  
30.1688

 124.6000, 0.1972,  
30.1688

255.0000, 0.0000,  
0.0000

 99.0020, 0.4920,  
28.9392


 177.9100, 0.0444,  
32.5279

 74.9910, 0.4974,  
27.1949


 205.2090, -0.1030,  
33.1427

 51.5070, 1.2290,  
25.8654

 228.4250, 2.2555,  
23.3063

 28.9090, 1.5239,  
24.6358

 247.3690, 3.7621,  
6.6924

 12.3880, -1.6703,  
22.4617

 0.0000, 0.0000,  
0.0000

124.6000, 0.1972,  
30.1688

124.6000, 0.1972,  
30.1688

114.0680, 0.4595,  
39.4054

135.1320, -0.0651,  
20.9322

103.4220, 0.2850,  
48.7419

145.7780, 0.1094,  
11.5957

92.8900, 0.5472,  
57.9785

156.3100, -0.1528,  
2.3591

82.2440, 0.3727,  
67.3150

166.9560, 0.0217,  
-6.9774

71.7120, 0.6350,  
76.5516

177.4880, -0.2406,  
-16.2140

61.7670, 0.6079,  
85.2733

187.4330, -0.2135,  
-24.9357

53.8110, 0.5862,  
92.2508

198.0790, -0.0389,  
-34.2723

208.6110, -0.3012,

-43.5088

 219.2570, -0.1267,  
-52.8454

# Harmonies

## Analogous

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



124.9280, 9.4025, 17.6031



124.6000, 0.1972, 30.1688



123.8040, -9.2704, 33.4979

# Triad

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



124.6000, 0.1972, 30.1688



118.6350, -16.5821, -1.4339



113.7140, 20.3540, -41.8452

# Complementary

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



124.6000, 0.1972, 30.1688



141.4000, -0.1972, -30.1688

# 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.



110.3730, 14.1131, -46.8081



124.6000, 0.1972, 30.1688



115.7020, -8.2341, -19.0327

# Square

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



124.6000, 0.1972, 30.1688



121.0500, -19.2516, 14.8652



113.1650, 2.8767, -36.1017



118.6500, 20.8786, -23.3720



# Rectangle

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



124.6000, 0.1972, 30.1688



123.1150, -14.3537, 30.5941



113.1650, 2.8767, -36.1017



111.9370, 18.7651, -45.5487

# Sweetspot

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



124.6000, 0.1972, 30.1688



193.0770, -0.0380, 12.2105



123.0940, 17.7017, 15.7036



96.3430, -0.1691, 7.5922



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.



124.6000, 0.1972, 30.1688



153.4110, 0.2904, 46.9976



127.2440, -9.9803, 27.8500



73.7340, 0.1311, 4.6183



48.3430, 0.3239, 83.0142



5.0550, -0.0271, 8.7218



# Inverse Universe

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



124.6000, 0.1972, 30.1688



153.4110, 0.2904, 46.9976



138.7560, 9.9803, -27.8500



73.7340, 0.1311, 4.6183



48.3430, 0.3239, 83.0142

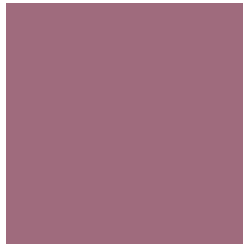


5.0550, -0.0271, 8.7218



# Previews

## White Background



This preview shows how the YUV color 124.6000, 0.1972, 30.1688 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

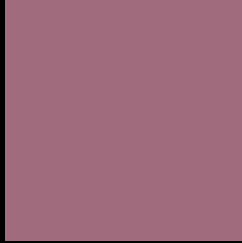
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 124.6000, 0.1972, 30.1688 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

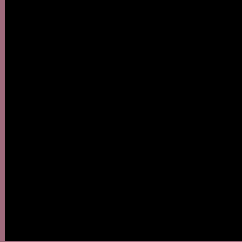
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 124.6000, 0.1972, 30.1688

## Background



This preview shows how black text looks on a background with the YUV color 124.6000, 0.1972, 30.1688.



This preview shows how white text looks on a background with the YUV color 124.6000, 0.1972,



# 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

124.6000, 0.1972, 30.1688

### Protanopia

122.4820, 5.6784, -1.2997

### Deuteranopia

123.0550, -0.0271, 8.7218



## Tritanopia

123.9760, -3.4392, 29.8390

# Trichromacy



## Original Color

124.6000, 0.1972, 30.1688

## Protanomaly

123.3910, 3.7512, 10.1811

## Deuteranomaly

123.5120, 0.2406, 16.2140

## Tritanomaly

124.3180, -2.1288, 29.5391

# Monochromacy



## Original Color

124.6000, 0.1972, 30.1688

## Achromatopsia

125.0000, 0.0000, 0.0000

## Achromatomaly

124.4790, 0.2569, 10.9809

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 124.6000, 0.1972, 30.1688 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(159, 107, 125)` looks like.

```
.text, #text, p{  
    color:rgb(159, 107, 125)  
}
```

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(159, 107, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 107, 125) }
```

## Border

The CSS property to change the border of an element to YUV 124.6000, 0.1972, 30.1688 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(159, 107, 125) }
```



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

```
.border{ border-color:rgb(159, 107, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 107, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 107, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 107, 125);  
box-shadow:4px 4px 4px 4px rgb(159, 107,  
125) }
```

# Background

The CSS property to change the background color of an element to YUV 124.6000, 0.1972, 30.1688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 107, 125) }
```

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

```
.background{ background-color: rgb(159,  
107, 125) }
```

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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