

# Converting Colors

YUV(124.5960, 9.5662, 11.7553)

Have a look what the booklet for  
YUV(124.5960, 9.5662, 11.7553)  
contains.

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# Color

**YUV(124.5960, 9.5662,  
11.7553)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A7290
RGB	138, 114, 144
RGB Percent	54%, 45%, 56%
CMY	0.4588, 0.5529, 0.4353
CMYK	0.04, 0.21, 0.00, 0.44
HSL	288°, 12%, 51%
HSV	288°, 21%, 56%
XYZ	21.5326, 19.4515, 29.0052
YIQ	124.5960, 4.6740, 14.4180

# Conversions

## Conversions Part 2

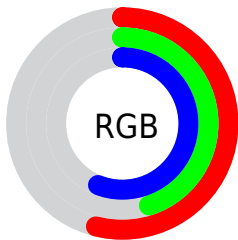
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	138, 114, 144
Decimal	9073296
CIE <sub>Lab</sub>	51.21, 15.10, -12.81
CIE <sub>LCh</sub>	51, 19.800, 319.703
Yxy	19.4515, 0.3077, 0.2779
Android (android.graphics.Color)	4287263376 (0xFF8A7290)
YUV	124.5960, 9.5662, 11.7553
Hunter-Lab	44.1039, 9.9663, -8.1197

# Details

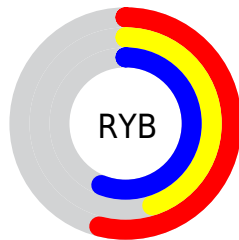
The YUV color **124.5960, 9.5662, 11.7553** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **133.4040, -9.5662, -11.7553**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.4220, 10.1450, 12.7849**, and **75.7700, 8.9874, 10.7257** is the 20% darker color. If you saturate the color by 10%, you get **115.4810, 14.0599, 17.1182**, and if you desaturate by 10%, it is **133.7110, 5.0725, 6.3925**.

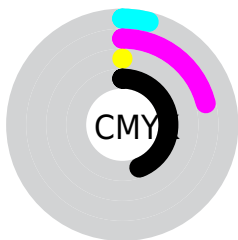
# Distribution



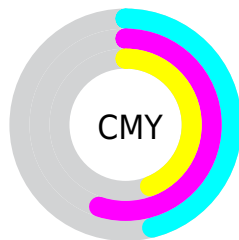
- Red (54%)
- Green (45%)
- Blue (56%)



- Red (54%)
- Yellow (45%)
- Blue (56%)



- Cyan (4%)
- Magenta (21%)
- Yellow (0%)
- Black (44%)



- Cyan (46%)
- Magenta (55%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 124.5960, 9.5662, 11.7553 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 124.5960, 9.5662, 11.7553 by changing the saturation by 10% instead.



■ 124.5960, 9.5662,  
11.7553

■ 124.5960, 9.5662,  
11.7553

■ 255.0000, 0.0000,  
0.0000

■ 99.1830, 9.2768,  
11.2405

■ 177.4220, 10.1450,  
12.7849

■ 75.7700, 8.9874,  
10.7257

■ 204.8350, 10.4343,  
13.2997

■ 52.9440, 8.4086,  
9.6961

■ 232.9490, 10.8711,  
13.1997

■ 31.5310, 8.1192,  
9.1813

■ 252.0650, 1.4470,  
2.5740

■ 9.9550, 8.4032,  
11.4405

■ 0.0000, 0.0000,  
0.0000

124.5960, 9.5662,  
11.7553

124.5960, 9.5662,  
11.7553

115.4810, 14.0599,  
17.1182

133.7110, 5.0725,  
6.3925

105.7790, 18.8430,  
22.9958

143.4130, 0.2894,  
0.5148

96.6640, 23.3366,  
28.3587

152.5280, -4.2043,  
-4.8481

86.9620, 28.1197,  
34.2363

162.2300, -8.9874,  
-10.7257

78.1460, 32.4660,  
40.2140

171.0460,  
-13.3337, -16.7033

69.0310, 36.9597,  
45.5768

180.1610,  
-17.8274, -22.0662

59.3290, 41.7428,  
51.4545


189.8630,  
-22.6105, -27.9439

50.8010, 45.9471,

198.9780,

56.3025

-27.1042, -33.3067

 208.6800,  
-31.8872, -39.1844

# Harmonies

## Analogous

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



122.9790, 15.2934, -5.2436



124.5960, 9.5662, 11.7553



124.7240, 2.1081, 23.9211

# Triad

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



124.5960, 9.5662, 11.7553



121.8590, -16.1995, 15.9097



113.8860, 9.4232, -35.8570

# Complementary

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



124.5960, 9.5662, 11.7553



133.4040, -9.5662, -11.7553

# 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.



115.4220, -0.2080, -26.6801



124.5960, 9.5662, 11.7553



119.8250, -14.7037, 2.7845

# Square

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



124.5960, 9.5662, 11.7553



123.4240, -13.0270, 25.0612



117.9200, -8.8346, -13.0848



115.2050, 15.6749, -34.3828



# Rectangle

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



124.5960, 9.5662, 11.7553



124.5520, -3.7231, 27.5799



117.9200, -8.8346, -13.0848



114.6860, 6.0708, -33.9276

# Sweetspot

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



124.5960, 9.5662, 11.7553



178.9450, 3.4781, 4.4332



120.9420, 11.3676, -6.0881



90.1790, 1.8838, 2.4740



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

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



124.5960, 9.5662, 11.7553



156.3070, 14.6386, 18.1478



125.3640, 4.7505, 16.3438



66.5920, 2.1731, 2.9888



47.6820, 43.0478, 52.8989



2.7060, 2.6099, 2.8888



# Inverse Universe

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



123.6540, -1.8014, 17.8434



154.7800, -2.8495, 27.3799



132.6360, -4.7505, -16.3438



66.3210, -0.1583, 4.1035



43.4430, -8.1064, 80.2955



2.6200, -0.3057, 4.7183



# Previews

## White Background



This preview shows how the YUV color 124.5960, 9.5662, 11.7553 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

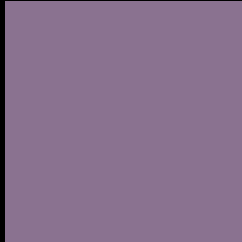
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 124.5960, 9.5662, 11.7553 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 124.5960, 9.5662, 11.7553

## Background



This preview shows how black text looks on a background with the YUV color 124.5960, 9.5662, 11.7553.



This preview shows how white text looks on a background with the YUV color 124.5960, 9.5662,



# 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

124.5960, 9.5662, 11.7553

### Protanopia

122.6970, 12.9674, -5.8733

### Deuteranopia

123.2310, 9.7461, 0.6744



## Tritanopia

123.4080, 1.2779, 10.1662

# Trichromacy



## Original Color

124.5960, 9.5662, 11.7553

## Protanomaly

123.1000, 11.7827, 0.7893

## Deuteranomaly

123.5520, 9.5879, 4.7779

## Tritanomaly

123.9180, 4.4774, 10.5959

# Monochromacy



## Original Color

124.5960, 9.5662, 11.7553

## Achromatopsia

125.0000, 0.0000, 0.0000

## Achromatomaly

124.9450, 3.4781, 4.4332

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 124.5960, 9.5662, 11.7553 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(138, 114, 144)` looks like.

```
.text, #text, p{  
    color:rgb(138, 114, 144)  
}
```

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(138, 114, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 114, 144) }
```

## Border

The CSS property to change the border of an element to YUV 124.5960, 9.5662, 11.7553 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(138, 114, 144) }
```



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

```
.border{ border-color:rgb(138, 114, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 114, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 114, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 114, 144);  
box-shadow:4px 4px 4px 4px rgb(138, 114,  
144) }
```

# Background

The CSS property to change the background color of an element to YUV 124.5960, 9.5662, 11.7553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 114, 144) }
```

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

```
.background{ background-color: rgb(138,  
114, 144) }
```

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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