

# Converting Colors

YUV(122.2760, 8.2449, 15.5439)

Have a look what the booklet for  
YUV(122.2760, 8.2449, 15.5439)  
contains.

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# Color

**YUV(122.2760, 8.2449,  
15.5439)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C6E8B
RGB	140, 110, 139
RGB Percent	55%, 43%, 55%
CMY	0.4510, 0.5686, 0.4549
CMYK	0.00, 0.21, 0.01, 0.45
HSL	302°, 12%, 49%
HSV	302°, 21%, 55%
XYZ	21.0513, 18.5914, 26.9051
YIQ	122.2760, 8.5710, 15.3790

# Conversions

## Conversions Part 2

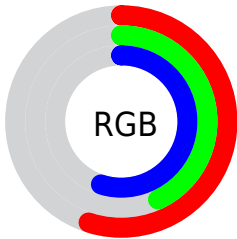
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 110, 139
Decimal	9203339
CIE <sub>Lab</sub>	50.21, 17.15, -11.36
CIE <sub>LCh</sub>	50, 20.567, 326.488
Yxy	18.5914, 0.3163, 0.2794
Android (android.graphics.Color)	4287393419 (0xFF8C6E8B)
YUV	122.2760, 8.2449, 15.5439
Hunter-Lab	43.1177, 11.6929, -6.8140

# Details

The YUV color  $[122.2760, 8.2449, 15.5439]$  is a dark color, and the websafe version is hex  $996699$ . A complement of this color would be  $[127.7240, -8.2449, -15.5439]$ , and the grayscale version is  $[122.0000, 0.0000, 0.0000]$ .

A 20% lighter version of the original color is  $[175.1020, 8.8237, 16.5735]$ , and  $[73.4500, 7.6661, 14.5143]$  is the 20% darker color. If you saturate the color by 10%, you get  $[114.0580, 12.2964, 22.7511]$ , and if you desaturate by 10%, it is  $[130.4940, 4.1935, 8.3368]$ .

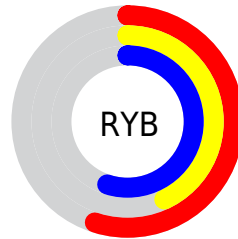
# Distribution



Red (55%)

Green (43%)

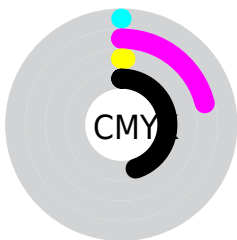
Blue (55%)



Red (55%)

Yellow (43%)

Blue (55%)

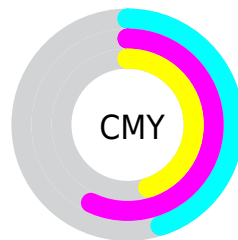


Cyan (0%)

Magenta (21%)

Yellow (1%)

Black (45%)



Cyan (45%)

Magenta (57%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 122.2760, 8.2449, 15.5439 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 122.2760, 8.2449, 15.5439 by changing the saturation by 10% instead.




 122.2760, 8.2449,  
15.5439

 122.2760, 8.2449,  
15.5439


255.0000, 0.0000,  
0.0000

 96.9770, 8.3923,  
14.9292


 175.1020, 8.8237,  
16.5735


 73.4500, 7.6661,  
14.5143


 202.4010, 8.6763,  
17.1883


 50.7380, 7.5242,  
13.3848

 230.8140, 8.9657,  
17.7031

 28.9120, 6.9454,  
12.3552

 249.1300, 2.8939,  
5.1480

 10.2110, 6.7980,  
12.9700

 0.0000, 0.0000,  
0.0000

122.2760, 8.2449,  
15.5439

122.2760, 8.2449,  
15.5439

114.0580, 12.2964,  
22.7511

130.4940, 4.1935,  
8.3368

105.7260, 15.9111,  
30.0583

138.8260, 0.5788,  
1.0296

97.5080, 19.9626,  
37.2655

147.0440, -3.4727,  
-6.1776

89.1760, 23.5772,  
44.5726

155.3760, -7.0874,  
-13.4848

80.9580, 27.6287,  
51.7798

163.5940,  
-11.1388, -20.6919

72.6260, 31.2434,  
59.0870

171.9260,  
-14.7535, -27.9991

64.4080, 35.2949,  
66.2942


180.1440,  
-18.8050, -35.2063

57.2500, 38.3308,

188.4760,

72.5717

-22.4197, -42.5135

 196.6940,  
-26.4711, -49.7206

# Harmonies

## Analogous

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



120.8870, 14.8457, -1.6549



122.2760, 8.2449, 15.5439



122.1650, -0.0813, 26.1653

# Triad

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



122.2760, 8.2449, 15.5439



119.0220, -16.7728, 13.1357



111.0320, 11.3232, -38.6161

# Complementary

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



122.2760, 8.2449, 15.5439



127.7240, -8.2449, -15.5439

# 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.



112.0840, 2.4236, -30.7687



122.2760, 8.2449, 15.5439



116.9170, -14.2561, -0.8042

# Square

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



122.2760, 8.2449, 15.5439



120.3700, -14.4794, 24.2315



114.6530, -7.2239, -16.3587



112.9600, 17.2747, -34.1679



# Rectangle

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



122.2760, 8.2449, 15.5439



121.6940, -5.7651, 29.2094



114.6530, -7.2239, -16.3587



111.0600, 8.8444, -36.8866

# Sweetspot

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



122.2760, 8.2449, 15.5439



174.5430, 3.1833, 5.6628



113.7190, 12.9565, -2.3846



87.8910, 2.0257, 3.6036



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



122.2760, 8.2449, 15.5439



153.1830, 12.7278, 24.3955



120.5660, 1.6930, 17.0436



64.8910, 2.0257, 3.6036



54.3590, 36.3050, 68.9682



2.0650, 1.4470, 2.5740



# Inverse Universe

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



122.2760, 8.2449, 15.5439



153.1830, 12.7278, 24.3955



129.4340, -1.6930, -17.0436



64.8910, 2.0257, 3.6036



54.3590, 36.3050, 68.9682

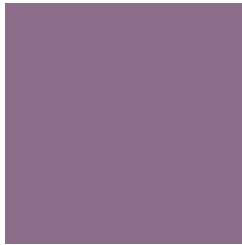


2.0650, 1.4470, 2.5740



# Previews

## White Background



This preview shows how the YUV color 122.2760, 8.2449, 15.5439 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 122.2760, 8.2449, 15.5439 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 122.2760, 8.2449, 15.5439

## Background



This preview shows how black text looks on a background with the YUV color 122.2760, 8.2449, 15.5439.



This preview shows how white text looks on a background with the YUV color 122.2760, 8.2449,



# 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

122.2760, 8.2449, 15.5439

### Protanopia

120.4690, 12.0938, -5.6733

### Deuteranopia

121.1880, 8.2883, 1.5891



## Tritanopia

121.5010, 0.2460, 14.4696

# Trichromacy



## Original Color

122.2760, 8.2449, 15.5439

## Protanomaly

121.1710, 10.7617, 1.6040

## Deuteranomaly

121.2210, 8.2720, 6.8222

## Tritanomaly

121.8970, 3.0088, 14.9993

# Monochromacy



## Original Color

122.2760, 8.2449, 15.5439

## Achromatopsia

122.0000, 0.0000, 0.0000

## Achromatomaly

122.4290, 2.7465, 5.7628

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 122.2760, 8.2449, 15.5439 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(140, 110, 139)` looks like.

```
.text, #text, p{  
    color:rgb(140, 110, 139)  
}
```

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(140, 110, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 110, 139) }
```

## Border

The CSS property to change the border of an element to YUV 122.2760, 8.2449, 15.5439 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(140, 110, 139) }
```



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

```
.border{ border-color:rgb(140, 110, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 110, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 110, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 110, 139);  
box-shadow:4px 4px 4px 4px rgb(140, 110,  
139) }
```

# Background

The CSS property to change the background color of an element to YUV 122.2760, 8.2449, 15.5439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 110, 139) }
```

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

```
.background{ background-color: rgb(140,  
110, 139) }
```

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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