

# Converting Colors

YUV(119.1060, 2.9057, 48.1420)

Have a look what the booklet for  
YUV(119.1060, 2.9057, 48.1420)  
contains.

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# Color

**YUV(119.1060, 2.9057,  
48.1420)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE5A7D
RGB	174, 90, 125
RGB Percent	68%, 35%, 49%
CMY	0.3176, 0.6471, 0.5098
CMYK	0.00, 0.48, 0.28, 0.32
HSL	335°, 34%, 52%
HSV	335°, 48%, 68%
XYZ	24.8134, 17.7917, 21.5284
YIQ	119.1060, 38.8290, 28.6930

# Conversions

## Conversions Part 2

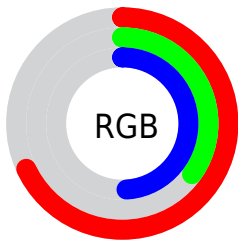
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 90, 125
Decimal	11426429
CIELab	49.24, 38.34, -4.03
CIELCh	49, 38.554, 354.003
Yxy	17.7917, 0.3869, 0.2774
Android (android.graphics.Color)	4289616509 (0xFFAE5A7D)
YUV	119.1060, 2.9057, 48.1420
Hunter-Lab	42.1802, 31.1912, -0.7349

# Details

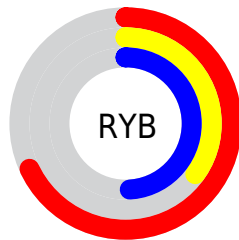
The YUV color **119.1060, 2.9057, 48.1420** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **144.8940, -2.9057, -48.1420**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.7150, 2.6055, 51.1159**, and **67.7250, 4.0796, 44.9682** is the 20% darker color. If you saturate the color by 10%, you get **107.9870, 3.4574, 57.8934**, and if you desaturate by 10%, it is **130.2250, 2.3541, 38.3907**.

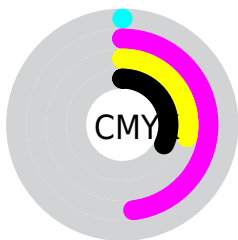
# Distribution



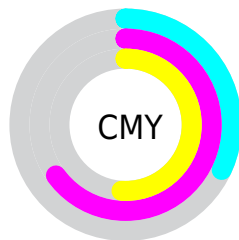
- Red (68%)
- Green (35%)
- Blue (49%)



- Red (68%)
- Yellow (35%)
- Blue (49%)



- Cyan (0%)
- Magenta (48%)
- Yellow (28%)
- Black (32%)




- Cyan (32%)
- Magenta (65%)
- Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 119.1060, 2.9057, 48.1420 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 119.1060, 2.9057, 48.1420 by changing the saturation by 10% instead.




 119.1060, 2.9057,  
48.1420


 119.1060, 2.9057,  
48.1420


255.0000, 0.0000,  
0.0000

 93.2090, 3.3480,  
46.2977


 172.7150, 2.6055,  
51.1159

 67.7250, 4.0796,  
44.9682


 198.8180, 3.0477,  
49.2716

 40.1210, 6.8423,  
45.4979

 218.4460, 7.1751,  
32.0579

 23.6810, 4.1013,  
37.9908

 237.9770, 8.3923,  
14.9292

 14.6660, -3.2863,  
27.4799

 0.0000, 0.0000,  
0.0000

119.1060, 2.9057,  
48.1420

119.1060, 2.9057,  
48.1420

107.9870, 3.4574,  
57.8934

130.2250, 2.3541,  
38.3907

96.2810, 4.2985,  
68.1596

141.9310, 1.5130,  
28.1245

85.1620, 4.8501,  
77.9109

153.0500, 0.9613,  
18.3731

73.3420, 5.2544,  
88.2771

164.8700, 0.5571,  
8.0070

62.2230, 5.8061,  
98.0284

175.9890, 0.0054,  
-1.7444

60.2340, 5.8006,  
99.7728

187.1080, -0.5462,  
-11.4957

198.8140, -1.3873,  
-21.7619

209.9330, -1.9390,

-31.5132

 221.6390, -2.7800,  
-41.7794

# Harmonies

## Analogous

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



120.4590, 17.5217, 26.7845



119.1060, 2.9057, 48.1420



117.1270, -12.3876, 53.3856

# Triad

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



119.1060, 2.9057, 48.1420



111.3610, -27.7860, -1.1936



95.5760, 36.1980, -83.8202

# Complementary

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



119.1060, 2.9057, 48.1420



144.8940, -2.9057, -48.1420

# 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.



94.3730, 23.9731, -82.7651



119.1060, 2.9057, 48.1420



106.3170, -14.4533, -30.9730

# Square

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



119.1060, 2.9057, 48.1420



114.4890, -31.7931, 24.1271



90.4970, 9.1220, -79.3659



103.4250, 38.7375, -58.2547



# Rectangle

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



119.1060, 2.9057, 48.1420



116.6890, -21.5387, 48.5077



90.4970, 9.1220, -79.3659



95.9520, 32.5617, -84.1499

# Sweetspot

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



119.1060, 2.9057, 48.1420



206.0500, 0.9614, 18.3732



114.2270, 29.4681, 21.7259



101.8920, 0.5462, 11.4957



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000



# Same Dimension

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



119.1060, 2.9057, 48.1420



140.7380, 4.5662, 75.6518



119.2250, -14.4079, 48.0377



81.1470, 0.4205, 5.1331



52.0320, 5.4072, 85.9179



8.0170, 0.9776, 13.1401



# Inverse Universe

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



119.1060, 2.9057, 48.1420



140.7380, 4.5662, 75.6518



144.7750, 14.4079, -48.0377



81.1470, 0.4205, 5.1331



52.0320, 5.4072, 85.9179

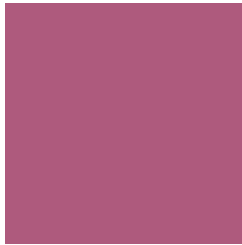


8.0170, 0.9776, 13.1401



# Previews

## White Background



This preview shows how the YUV color 119.1060, 2.9057, 48.1420 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

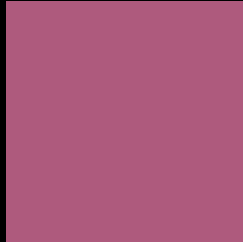
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 119.1060, 2.9057, 48.1420 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

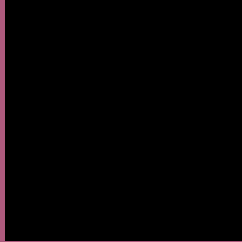
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 119.1060, 2.9057, 48.1420

## Background



This preview shows how black text looks on a background with the YUV color 119.1060, 2.9057, 48.1420.



This preview shows how white text looks on a background with the YUV color 119.1060, 2.9057,



# 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

119.1060, 2.9057, 48.1420

### Protanopia

117.7680, 11.9464, -5.0585

### Deuteranopia

118.6850, 1.1413, 7.2923



## Tritanopia

118.7070, -8.7296, 46.7380

# Trichromacy



## Original Color

119.1060, 2.9057, 48.1420

## Protanomaly

118.6780, 8.5397, 14.3144

## Deuteranomaly

118.5990, 1.6767, 22.2767

## Tritanomaly

118.8580, -4.3670, 47.4825

# Monochromacy



## Original Color

119.1060, 2.9057, 48.1420

## Achromatopsia

119.0000, 0.0000, 0.0000

## Achromatomaly

118.7510, 1.1088, 17.7584

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 119.1060, 2.9057, 48.1420 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(174, 90, 125)` looks like.

```
.text, #text, p{  
    color:rgb(174, 90, 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(174, 90, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 90, 125) }
```

## Border

The CSS property to change the border of an element to YUV 119.1060, 2.9057, 48.1420 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(174, 90, 125) }
```



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

```
.border{ border-color:rgb(174, 90, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 90, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 90, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 90, 125);  
box-shadow:4px 4px 4px 4px rgb(174, 90,  
125) }
```

# Background

The CSS property to change the background color of an element to YUV 119.1060, 2.9057, 48.1420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 90, 125) }
```

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

```
.background{ background-color: rgb(174, 90,  
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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