

# Converting Colors

YUV(119.1460, 15.7040,  
49.8610)

Have a look what the booklet for  
YUV(119.1460, 15.7040, 49.8610)  
contains.

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# Color

**YUV(119.1460, 15.7040,  
49.8610)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B05497
RGB	176, 84, 151
RGB Percent	69%, 33%, 59%
CMY	0.3098, 0.6706, 0.4078
CMYK	0.00, 0.52, 0.14, 0.31
HSL	316°, 37%, 51%
HSV	316°, 52%, 69%
XYZ	26.6607, 17.8051, 31.3097
YIQ	119.1460, 33.3250, 40.3410

# Conversions

## Conversions Part 2

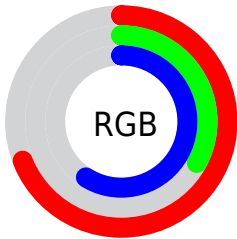
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 84, 151
Decimal	11555991
CIE <sub>Lab</sub>	49.26, 46.01, -19.49
CIE <sub>LCh</sub>	49, 49.972, 337.040
Yxy	17.8051, 0.3518, 0.2350
Android (android.graphics.Color)	4289746071 (0xFFB05497)
YUV	119.1460, 15.7040, 49.8610
Hunter-Lab	42.1961, 38.9383, -14.4562

# Details

The YUV color **119.1460, 15.7040, 49.8610** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **140.8540, -15.7040, -49.8610**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.4560, 15.5512, 52.2201**, and **65.7760, 16.8724, 48.4314** is the 20% darker color. If you saturate the color by 10%, you get **108.0100, 18.7291, 59.6272**, and if you desaturate by 10%, it is **130.2820, 12.6790, 40.0947**.

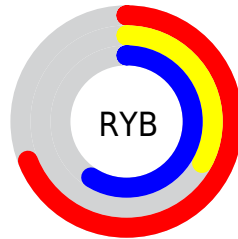
# Distribution



Red (69%)

Green (33%)

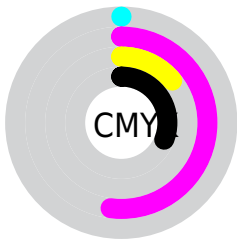
Blue (59%)



Red (69%)

Yellow (33%)

Blue (59%)

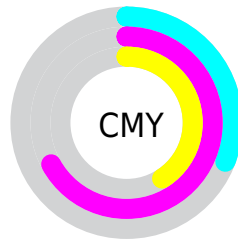


Cyan (0%)

Magenta (52%)

Yellow (14%)

Black (31%)



Cyan (31%)

Magenta (67%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 119.1460, 15.7040, 49.8610 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 119.1460, 15.7040, 49.8610 by changing the saturation by 10% instead.



■ 119.1460, 15.7040,  
49.8610

■ 119.1460, 15.7040,  
49.8610

■ 255.0000, 0.0000,  
0.0000

■ 92.5480, 15.9988,  
48.6314

■ 173.4560, 15.5512,  
52.2201

■ 65.7760, 16.8724,  
48.4314

■ 199.1890, 17.1618,  
48.9462

■ 36.7700, 19.3404,  
50.1907

■ 218.0190, 18.2316,  
32.4323

■ 26.6730, 12.9792,  
37.1208

■ 235.0420, 9.8393,  
17.5032

■ 17.7010, 7.0494,  
25.6952

■ 252.0650, 1.4470,  
2.5740

■ 0.2280, 0.8736,  
-0.2000

■ 0.0000, 0.0000,

0.0000

■ 119.1460, 15.7040,  
49.8610

■ 119.1460, 15.7040,  
49.8610

■ 108.0100, 18.7291,  
59.6272

■ 130.2820, 12.6790,  
40.0947

■ 97.4610, 21.4647,  
68.8787

■ 140.8310, 9.9433,  
30.8432

■ 86.4390, 24.9266,  
78.5450

■ 151.8530, 6.4815,  
21.1769

■ 75.8900, 27.6622,  
87.7965

■ 162.4020, 3.7458,  
11.9254

■ 67.2160, 29.9665,  
95.4036

■ 173.5380, 0.7208,  
2.1592

■ 184.6740, -2.3043,  
-7.6071

■ 195.1090, -5.4767,  
-16.7586

■ 206.2450, -8.5018,  
-26.5249

■ 216.7940,  
-11.2374, -35.7763

# Harmonies

## Analogous

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



120.4320, 31.8320, 10.1451



119.1460, 15.7040, 49.8610



115.6310, -3.2691, 68.7296

# Triad

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



119.1460, 15.7040, 49.8610



110.7580, -43.2647, 16.8752



98.8700, 33.5881, -86.7090

# Complementary

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



119.1460, 15.7040, 49.8610



140.8540, -15.7040, -49.8610

# 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.



94.7830, 15.3900, -83.1247



119.1460, 15.7040, 49.8610



106.1540, -30.6419, -18.5521

# Square

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



119.1460, 15.7040, 49.8610



113.9000, -38.4047, 44.8147



88.5930, -3.2503, -77.6961



98.5400, 47.5548, -86.4196



# Rectangle

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



119.1460, 15.7040, 49.8610



114.1890, -16.3622, 68.2402



88.5930, -3.2503, -77.6961



97.9750, 27.6203, -85.9241

# Sweetspot

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



119.1460, 15.7040, 49.8610



207.1410, 6.3395, 20.0473



101.9630, 36.5002, 6.1714



101.4020, 3.7458, 11.9254



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.



119.1460, 15.7040, 49.8610



140.3250, 24.4898, 78.6450



113.9020, -4.3887, 54.4599



83.4890, 1.7309, 4.8331



58.4010, 25.9313, 82.9633



9.9400, 4.4666, 14.0846



# Inverse Universe

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



119.1460, 15.7040, 49.8610



140.3250, 24.4898, 78.6450



146.0980, 4.3887, -54.4599



83.4890, 1.7309, 4.8331



58.4010, 25.9313, 82.9633



9.9400, 4.4666, 14.0846



# Previews

## White Background



This preview shows how the YUV color 119.1460, 15.7040, 49.8610 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

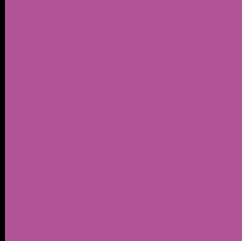
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 119.1460, 15.7040, 49.8610 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

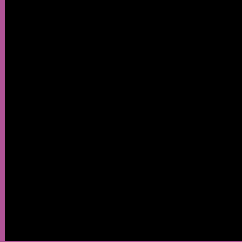
Any Text WCAG AA ✓ Pass

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 119.1460, 15.7040, 49.8610 Background



This preview shows how black text looks on a background with the YUV color 119.1460, 15.7040, 49.8610.



This preview shows how white text looks on a background with the YUV color 119.1460, 15.7040,



# 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

119.1460, 15.7040, 49.8610

### Protanopia

117.0450, 28.5718, -17.5795

### Deuteranopia

118.5340, 13.5407, -3.0993



## Tritanopia

118.5220, -8.1453, 46.0232

# Trichromacy



## Original Color

119.1460, 15.7040, 49.8610

## Protanomaly

117.6460, 23.8385, 7.3265

## Deuteranomaly

118.8830, 14.3547, 15.8886

## Tritanomaly

118.8240, 0.5798, 47.5124

# Monochromacy



## Original Color

119.1460, 15.7040, 49.8610

## Achromatopsia

119.0000, 0.0000, 0.0000

## Achromatomaly

119.0160, 5.9081, 18.4030

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 119.1460, 15.7040, 49.8610 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(176, 84, 151)` looks like.

```
.text, #text, p{  
    color:rgb(176, 84, 151)  
}
```

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(176, 84, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 84, 151) }
```

## Border

The CSS property to change the border of an element to YUV 119.1460, 15.7040, 49.8610 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(176, 84, 151) }
```



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

```
.border{ border-color:rgb(176, 84, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 84, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 84, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 84, 151);  
box-shadow:4px 4px 4px 4px rgb(176, 84,  
151) }
```

# Background

The CSS property to change the background color of an element to YUV 119.1460, 15.7040, 49.8610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 84, 151) }
```

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

```
.background{ background-color: rgb(176, 84,  
151) }
```

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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