

# Converting Colors

YUV(122.9320, 3.4845, 49.1716)

Have a look what the booklet for  
YUV(122.9320, 3.4845, 49.1716)  
contains.

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# Color

**YUV(122.9320, 3.4845,  
49.1716)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B35D82</a>
RGB	<a href="#">179, 93, 130</a>
RGB Percent	<a href="#">70%, 36%, 51%</a>
CMY	<a href="#">0.2980, 0.6353, 0.4902</a>
CMYK	<a href="#">0.00, 0.48, 0.27, 0.30</a>
HSL	<a href="#">334°, 36%, 53%</a>
HSV	<a href="#">334°, 48%, 70%</a>
XYZ	<a href="#">26.5340, 19.0241, 23.3926</a>
YIQ	<a href="#">122.9320, 39.3790, 29.7390</a>

# Conversions

## Conversions Part 2

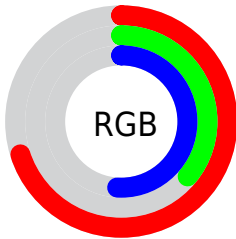
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	179, 93, 130
Decimal	11754882
CIE Lab	50.72, 39.22, -4.76
CIE LCh	51, 39.503, 353.081
Yxy	19.0241, 0.3848, 0.2759
Android (android.graphics.Color)	4289944962 (0xFFB35D82)
YUV	122.9320, 3.4845, 49.1716
Hunter-Lab	43.6166, 32.2607, -1.2670

# Details

The YUV color **122.9320, 3.4845, 49.1716** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **149.0680, -3.4845, -49.1716**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.4270, 2.7475, 52.2455**, and **70.9640, 4.9477, 46.5126** is the 20% darker color. If you saturate the color by 10%, you get **111.2260, 4.3256, 59.4378**, and if you desaturate by 10%, it is **134.6380, 2.6435, 38.9055**.

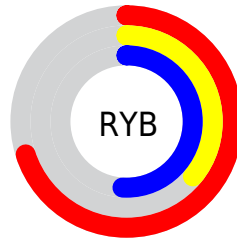
# Distribution



Red (70%)

Green (36%)

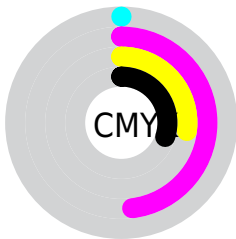
Blue (51%)



Red (70%)

Yellow (36%)

Blue (51%)

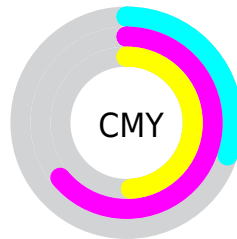


Cyan (0%)

Magenta (48%)

Yellow (27%)

Black (30%)



Cyan (30%)

Magenta (64%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 122.9320, 3.4845, 49.1716 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 122.9320, 3.4845, 49.1716 by changing the saturation by 10% instead.



 122.9320, 3.4845,  
49.1716

 122.9320, 3.4845,  
49.1716


255.0000, 0.0000,  
0.0000


 97.0350, 3.9267,  
47.3273


 177.4270, 2.7475,  
52.2455

 70.9640, 4.9477,  
46.5126


 201.7360, 4.0742,  
46.7125


 43.8330, 6.9843,  
46.6275

 221.4780, 8.6383,  
29.3988

 25.3330, 5.2588,  
40.0500

 239.7380, 7.5242,  
13.3848

 16.3610, -0.6710,  
28.6244

 0.0000, 0.0000,  
0.0000

122.9320, 3.4845,  
49.1716

122.9320, 3.4845,  
49.1716

111.2260, 4.3256,  
59.4378

134.6380, 2.6435,  
38.9055

99.5200, 5.1666,  
69.7040

146.3440, 1.8024,  
28.6393

87.7000, 5.5709,  
80.0701

158.1640, 1.3981,  
18.2732

75.9940, 6.4120,  
90.3363

169.8700, 0.5571,  
8.0070

64.2880, 7.2530,  
100.6024

180.9890, 0.0054,  
-1.7444

62.2990, 7.2476,  
102.3468

192.6950, -0.8356,  
-12.0105

204.4010, -1.6767,  
-22.2767

216.2210, -2.0810,

-32.6428

 227.9270, -2.9220,  
-42.9090

# Harmonies

## Analogous

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



124.6870, 18.3953, 26.5845



122.9320, 3.4845, 49.1716



121.1380, -12.3930, 55.1300

# Triad

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



122.9320, 3.4845, 49.1716



115.3180, -29.2438, -0.2789



98.4940, 37.2245, -86.3792

# Complementary

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



122.9320, 3.4845, 49.1716



149.0680, -3.4845, -49.1716

# 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.



97.6500, 23.8365, -85.6391



122.9320, 3.4845, 49.1716



109.7900, -15.1795, -31.3878

# Square

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



122.9320, 3.4845, 49.1716



117.9730, -32.5247, 25.4567



93.1870, 9.2748, -81.7250



106.0330, 39.9167, -63.1729



# Rectangle

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



122.9320, 3.4845, 49.1716



120.2870, -21.8335, 49.7373



93.1870, 9.2748, -81.7250



98.7560, 33.1513, -86.6090

# Sweetspot

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



122.9320, 3.4845, 49.1716



211.1640, 1.3981, 18.2732



117.4550, 30.3417, 21.5260



104.0060, 0.9830, 11.3957



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000



# Same Dimension

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



122.9320, 3.4845, 49.1716



143.9770, 5.4343, 77.1962



122.2360, -14.4133, 49.7820



83.1470, 0.4205, 5.1331



53.2710, 6.2754, 87.4623



9.0280, 0.9722, 14.8844



# Inverse Universe

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



122.9320, 3.4845, 49.1716



143.9770, 5.4343, 77.1962



149.7640, 14.4133, -49.7820



83.1470, 0.4205, 5.1331



53.2710, 6.2754, 87.4623



9.0280, 0.9722, 14.8844



# Previews

## White Background



This preview shows how the YUV color 122.9320, 3.4845, 49.1716 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

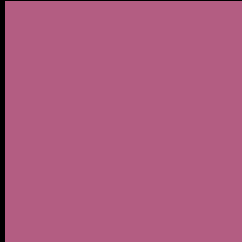
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 122.9320, 3.4845, 49.1716 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

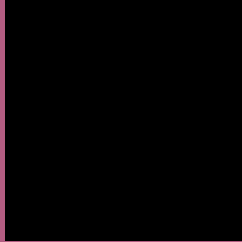
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 122.9320, 3.4845, 49.1716

## Background



This preview shows how black text looks on a background with the YUV color 122.9320, 3.4845, 49.1716.



This preview shows how white text looks on a background with the YUV color 122.9320, 3.4845,



# 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

122.9320, 3.4845, 49.1716

### Protanopia

121.5830, 12.5306, -5.7733

### Deuteranopia

122.7990, 1.5781, 7.1923



## Tritanopia

122.4190, -8.5876, 47.8675

# Trichromacy



## Original Color

122.9320, 3.4845, 49.1716

## Protanomaly

121.9060, 9.4133, 14.1144

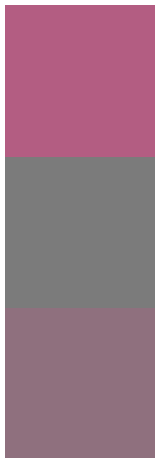
## Deuteranomaly

122.7130, 2.1135, 22.1767

## Tritanomaly

122.5700, -4.2250, 48.6121

# Monochromacy



## Original Color

122.9320, 3.4845, 49.1716

## Achromatopsia

123.0000, 0.0000, 0.0000

## Achromatomaly

122.8650, 1.5456, 17.6584

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 122.9320, 3.4845, 49.1716 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(179, 93, 130)` looks like.

```
.text, #text, p{  
    color:rgb(179, 93, 130)  
}
```

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(179, 93, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 93, 130) }
```

## Border

The CSS property to change the border of an element to YUV 122.9320, 3.4845, 49.1716 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(179, 93, 130) }
```



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

```
.border{ border-color:rgb(179, 93, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 93, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 93, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 93, 130); box-shadow:4px 4px 4px 4px rgb(179, 93, 130) }
```

# Background

The CSS property to change the background color of an element to YUV 122.9320, 3.4845, 49.1716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 93, 130) }
```

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

```
.background{ background-color: rgb(179, 93,  
130) }
```

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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