

# Converting Colors

YUV(122.6310, 10.0419,  
45.9276)

Have a look what the booklet for  
YUV(122.6310, 10.0419, 45.9276)  
contains.

<b>YUV(122.6310, 10.0419, 45.9276)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(122.6310, 10.0419,  
45.9276)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF5C8F
RGB	175, 92, 143
RGB Percent	69%, 36%, 56%
CMY	0.3137, 0.6392, 0.4392
CMYK	0.00, 0.47, 0.18, 0.31
HSL	323°, 34%, 52%
HSV	323°, 47%, 69%
XYZ	26.4643, 18.7514, 28.2112
YIQ	122.6310, 33.0970, 33.4570

# Conversions

## Conversions Part 2

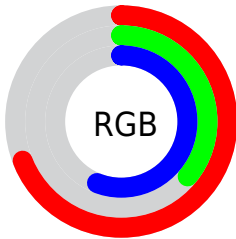
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	175, 92, 143
Decimal	11492495
CIE Lab	50.40, 40.31, -13.03
CIE LCh	50, 42.363, 342.090
Yxy	18.7514, 0.3604, 0.2554
Android (android.graphics.Color)	4289682575 (0xFFAF5C8F)
YUV	122.6310, 10.0419, 45.9276
Hunter-Lab	43.3029, 33.3089, -8.3145

# Details

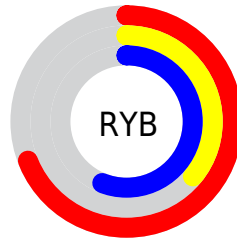
The YUV color **122.6310, 10.0419, 45.9276** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **144.3690, -10.0419, -45.9276**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.9410, 9.8891, 48.2867**, and **70.5490, 11.0683, 43.3685** is the 20% darker color. If you saturate the color by 10%, you get **111.8540, 11.9040, 55.3790**, and if you desaturate by 10%, it is **133.9950, 7.8905, 35.9614**.

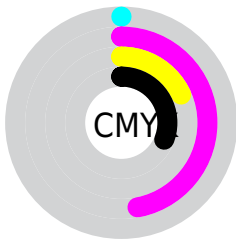
# Distribution



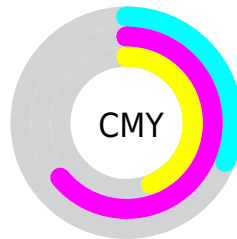
- Red (69%)
- Green (36%)
- Blue (56%)



- Red (69%)
- Yellow (36%)
- Blue (56%)



- Cyan (0%)
- Magenta (47%)
- Yellow (18%)
- Black (31%)




- Cyan (31%)
- Magenta (64%)
- Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 122.6310, 10.0419, 45.9276 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 122.6310, 10.0419, 45.9276 by changing the saturation by 10% instead.





 122.6310, 10.0419,  
45.9276


 122.6310, 10.0419,  
45.9276


255.0000, 0.0000,  
0.0000


 96.6200, 10.0473,  
44.1833


 176.9410, 9.8891,  
48.2867


 70.5490, 11.0683,  
43.3685


 202.8590, 10.9155,  
45.7277


 43.6030, 12.5207,  
44.1982

 222.4870, 15.0429,  
28.5139

 25.6900, 10.5058,  
37.1059

 239.1510, 7.8136,  
13.8996

 17.0170, 4.4286,  
26.2951

 0.0000, 0.0000,  
0.0000

122.6310, 10.0419,  
45.9276

122.6310, 10.0419,  
45.9276

111.8540, 11.9040,  
55.3790

133.9950, 7.8905,  
35.9614

100.6040, 14.4922,  
65.2453

144.6580, 5.5916,  
26.6099

89.2400, 16.6437,  
75.2115

156.0220, 3.4402,  
16.6437

78.4630, 18.5057,  
84.6629

166.7990, 1.5781,  
7.1923

67.0990, 20.6572,  
94.6292

178.1630, -0.5734,  
-2.7740


64.6370, 21.3780,  
96.7884

188.8260, -2.8722,  
-12.1254

200.1900, -5.0237,  
-22.0916

210.9670, -6.8857,

-31.5431

 222.3310, -9.0372,  
-41.5093

# Harmonies

## Analogous

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



123.6300, 24.8324, 15.2335



122.6310, 10.0419, 45.9276



120.3540, -6.5835, 58.4485

# Triad

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



122.6310, 10.0419, 45.9276



115.4180, -34.2231, 10.1574



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.



122.6310, 10.0419, 45.9276



144.3690, -10.0419, -45.9276

# 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.



96.2820, 18.5950, -84.4393



122.6310, 10.0419, 45.9276



110.2060, -22.7796, -20.3517

# Square

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



122.6310, 10.0419, 45.9276



117.5120, -33.2834, 35.5080



96.7560, -0.3727, -67.3150



97.7420, 44.4972, -85.7197



# Rectangle

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



122.6310, 10.0419, 45.9276



119.1830, -17.3452, 56.8445



96.7560, -0.3727, -67.3150



98.3170, 28.9307, -86.2240

# Sweetspot

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



122.6310, 10.0419, 45.9276



206.8480, 4.0189, 17.6733



111.0300, 31.5372, 11.3747



102.3480, 2.2934, 11.0958



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.



122.6310, 10.0419, 45.9276



145.5770, 15.4915, 71.4080



117.9570, -7.8668, 50.0267



81.2610, 0.8573, 5.0331



55.3380, 18.0744, 83.0186



8.4730, 2.7248, 12.7402



# Inverse Universe

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



122.6310, 10.0419, 45.9276



145.5770, 15.4915, 71.4080



149.0430, 7.8668, -50.0267



81.2610, 0.8573, 5.0331



55.3380, 18.0744, 83.0186



8.4730, 2.7248, 12.7402



# Previews

## White Background



This preview shows how the YUV color 122.6310, 10.0419, 45.9276 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

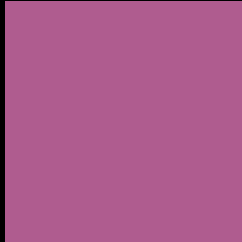
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 122.6310, 10.0419, 45.9276 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

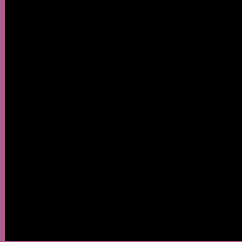
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 122.6310, 10.0419, 45.9276

## Background



This preview shows how black text looks on a background with the YUV color 122.6310, 10.0419, 45.9276.



This preview shows how white text looks on a background with the YUV color 122.6310, 10.0419,

45.9276.

# 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

122.6310, 10.0419, 45.9276

### Protanopia

120.6130, 20.4038, -11.0616

### Deuteranopia

121.3020, 8.7251, 1.4891



## Tritanopia

121.4400, -7.1189, 43.4641

# Trichromacy



## Original Color

122.6310, 10.0419, 45.9276

## Protanomaly

121.1210, 16.7023, 9.5409

## Deuteranomaly

121.8140, 8.9657, 17.7031

## Tritanomaly

121.4600, -0.7198, 44.3236

# Monochromacy



## Original Color

122.6310, 10.0419, 45.9276

## Achromatopsia

123.0000, 0.0000, 0.0000

## Achromatomaly

123.0220, 3.4402, 16.6437

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 122.6310, 10.0419, 45.9276 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(175, 92, 143)` looks like.

```
.text, #text, p{  
    color:rgb(175, 92, 143)  
}
```

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(175, 92, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 92, 143) }
```

## Border

The CSS property to change the border of an element to YUV 122.6310, 10.0419, 45.9276 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(175, 92, 143) }
```



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

```
.border{ border-color:rgb(175, 92, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 92, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 92, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 92, 143);  
box-shadow:4px 4px 4px 4px rgb(175, 92,  
143) }
```

# Background

The CSS property to change the background color of an element to YUV 122.6310, 10.0419, 45.9276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 92, 143) }
```

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

```
.background{ background-color: rgb(175, 92,  
143) }
```

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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