

# Converting Colors

YUV(119.3820, -5.6113,  
73.3330)

Have a look what the booklet for  
YUV(119.3820, -5.6113, 73.3330)  
contains.

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# Color

**YUV(119.3820, -5.6113,  
73.3330)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB4F6C
RGB	203, 79, 108
RGB Percent	80%, 31%, 42%
CMY	0.2039, 0.6902, 0.5765
CMYK	0.00, 0.61, 0.47, 0.20
HSL	346°, 54%, 55%
HSV	346°, 61%, 80%
XYZ	30.1314, 19.3712, 16.3383
YIQ	119.3820, 64.5950, 35.3070

# Conversions

## Conversions Part 2

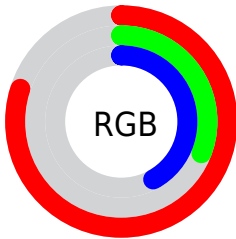
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 79, 108
Decimal	13324140
CIE <sub>Lab</sub>	51.12, 51.62, 9.44
CIE <sub>LCh</sub>	51, 52.481, 10.366
Yxy	19.3712, 0.4576, 0.2942
Android (android.graphics.Color)	4291514220 (0xFFCB4F6C)
YUV	119.3820, -5.6113, 73.3330
Hunter-Lab	44.0127, 45.1799, 8.7994

# Details

The YUV color **119.3820, -5.6113, 73.3330** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **162.6180, 5.6113, -73.3330**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.4420, -6.6269, 72.4034**, and **60.5760, 0.2090, 73.1628** is the 20% darker color. If you saturate the color by 10%, you get **105.8180, -6.8123, 85.2286**, and if you desaturate by 10%, it is **132.9460, -4.4104, 61.4374**.

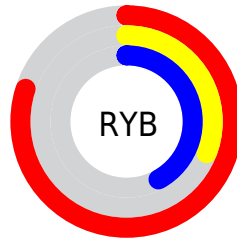
# Distribution



Red (80%)

Green (31%)

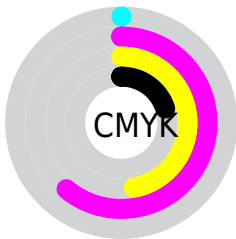
Blue (42%)



Red (80%)

Yellow (31%)

Blue (42%)

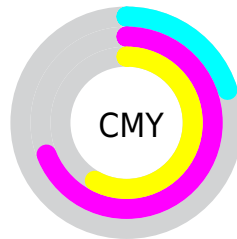


Cyan (0%)

Magenta (61%)

Yellow (47%)

Black (20%)



Cyan (20%)

Magenta (69%)


Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 119.3820, -5.6113, 73.3330 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 119.3820, -5.6113, 73.3330 by changing the saturation by 10% instead.



 119.3820, -5.6113,  
73.3330


 119.3820, -5.6113,  
73.3330


255.0000, 0.0000,  
0.0000

 91.2400, -3.5693,  
71.7035


 172.4420, -6.6269,  
72.4034

 60.5760, 0.2090,  
73.1628


 191.9560, -2.9363,  
55.2896


 38.8310, 0.0833,  
66.8002


 211.5840, 1.1911,  
38.0758

 28.1790, -4.5252,  
51.5860

 231.7990, 5.0291,  
20.3473

 18.4670, -8.1182,  
37.3014

 250.3040, 2.3151,  
4.1184

 7.8880, -3.3958,  
15.8842

 0.0000, 0.0000,

0.0000

■ 119.3820, -5.6113,  
73.3330

■ 119.3820, -5.6113,  
73.3330

■ 105.8180, -6.8123,  
85.2286

■ 132.9460, -4.4104,  
61.4374

■ 91.7810, -7.2870,  
97.5391

■ 146.9830, -3.9356,  
49.1269

■ 78.2170, -8.4880,  
109.4347

■ 160.5470, -2.7347,  
37.2313

■ 66.0550, -9.3941,  
120.1008

■ 173.9970, -1.9705,  
25.4356

■ 188.1480, -1.0590,  
13.0252

■ 201.5980, -0.2948,  
1.2296

■ 215.1620, 0.9061,  
-10.6661

■ 228.6120, 1.6703,  
-22.4617

■ 238.6540, 4.6076,  
-31.2686

# Harmonies

## Analogous

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



123.2500, 14.6668, 55.9087



119.3820, -5.6113, 73.3330



118.6590, -25.9609, 66.9511

# Triad

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



119.3820, -5.6113, 73.3330



108.9360, -30.0414, -24.4999



102.7290, 50.9126, -90.0933

# Complementary

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



119.3820, -5.6113, 73.3330



162.6180, 5.6113, -73.3330

# 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.



103.1730, 37.3827, -90.4827



119.3820, -5.6113, 73.3330



93.0270, -1.4923, -81.5847

# Square

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



119.3820, -5.6113, 73.3330



114.6390, -46.1640, 13.4716



99.5590, 18.4584, -87.3132



112.5970, 48.0197, -48.7586



# Rectangle

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



119.3820, -5.6113, 73.3330



118.7700, -37.8476, 52.8217



99.5590, 18.4584, -87.3132



103.6920, 46.9868, -90.9379

# Sweetspot

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



119.3820, -5.6113, 73.3330



224.0080, -1.9759, 27.1800



120.9430, 40.4541, 44.7770



108.4690, -1.2172, 17.1287



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



119.3820, -5.6113, 73.3330



129.5160, -8.6354, 110.0495



134.2730, -27.2496, 60.2736



95.2180, -0.6005, 5.9478



54.0800, -7.4344, 98.1538



12.3880, -1.6703, 22.4617



# Inverse Universe

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



119.3820, -5.6113, 73.3330



129.5160, -8.6354, 110.0495



147.7270, 27.2496, -60.2736



95.2180, -0.6005, 5.9478



54.0800, -7.4344, 98.1538

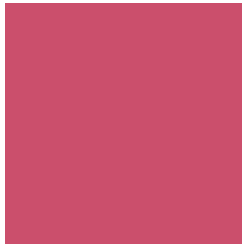


12.3880, -1.6703, 22.4617



# Previews

## White Background



This preview shows how the YUV color 119.3820, -5.6113, 73.3330 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 119.3820, -5.6113, 73.3330 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

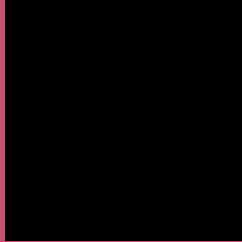
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 119.3820, -5.6113, 73.3330

## Background



This preview shows how black text looks on a background with the YUV color 119.3820, -5.6113, 73.3330.



This preview shows how white text looks on a background with the YUV color 119.3820, -5.6113,



# 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

119.3820, -5.6113, 73.3330

### Protanopia

123.0260, 3.9312, -0.8998

### Deuteranopia

123.0530, -10.3791, 15.7395



## Tritanopia

119.1510, -15.3574, 72.6586

# Trichromacy



## Original Color

119.3820, -5.6113, 73.3330

## Protanomaly

121.3930, 0.7923, 25.9653

## Deuteranomaly

121.9400, -8.8444, 36.8866

## Tritanomaly

119.3620, -12.0105, 72.4735

# Monochromacy



## Original Color

119.3820, -5.6113, 73.3330

## Achromatopsia

119.0000, 0.0000, 0.0000

## Achromatomaly

119.0080, -1.9759, 27.1800

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 119.3820, -5.6113, 73.3330 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(203, 79, 108)` looks like.

```
.text, #text, p{  
    color:rgb(203, 79, 108)  
}
```

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(203, 79, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 79, 108) }
```

## Border

The CSS property to change the border of an element to YUV 119.3820, -5.6113, 73.3330 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(203, 79, 108) }
```



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

```
.border{ border-color:rgb(203, 79, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 79, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 79, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 79, 108);  
box-shadow:4px 4px 4px 4px rgb(203, 79,  
108) }
```

# Background

The CSS property to change the background color of an element to YUV 119.3820, -5.6113, 73.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 79, 108) }
```

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

```
.background{ background-color: rgb(203, 79,  
108) }
```

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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