

Converting Colors

YUV(120.6940, 4.5879, 68.6744)

Have a look what the booklet for
YUV(120.6940, 4.5879, 68.6744)
contains.

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Color

**YUV(120.6940, 4.5879,
68.6744)**

Conversions

Conversions Part 1

Format	Color
Hex	C74F82
RGB	199, 79, 130
RGB Percent	78%, 31%, 51%
CMY	0.2196, 0.6902, 0.4902
CMYK	0.00, 0.60, 0.35, 0.22
HSL	334°, 52%, 55%
HSV	334°, 60%, 78%
XYZ	30.3784, 19.3458, 23.2521
YIQ	120.6940, 55.1490, 41.3010

Conversions

Conversions Part 2

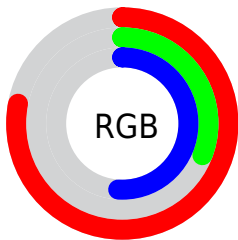
Format	Color
R_{YB}	199, 79, 130
Decimal	13062018
CIE _{Lab}	51.09, 52.68, -3.87
CIE _{LCh}	51, 52.822, 355.795
Yxy	19.3458, 0.4163, 0.2651
Android (android.graphics.Color)	4291252098 (0xFFC74F82)
YUV	120.6940, 4.5879, 68.6744
Hunter-Lab	43.9838, 46.3133, -0.5550

Details

The YUV color **120.6940, 4.5879, 68.6744** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **157.3060, -4.5879, -68.6744**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.7650, 3.5669, 69.4891**, and **61.9590, 9.3872, 69.3190** is the 20% darker color. If you saturate the color by 10%, you get **107.7000, 5.5709, 80.0701**, and if you desaturate by 10%, it is **133.6880, 3.6048, 57.2786**.

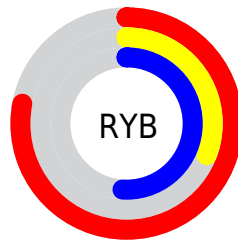
Distribution



Red (78%)

Green (31%)

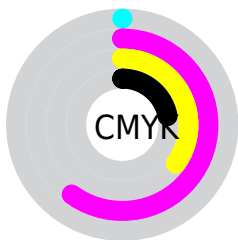
Blue (51%)



Red (78%)

Yellow (31%)

Blue (51%)

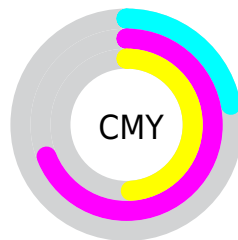


Cyan (0%)

Magenta (60%)

Yellow (35%)

Black (22%)



Cyan (22%)

Magenta (69%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.6940, 4.5879, 68.6744 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 120.6940, 4.5879, 68.6744 by changing the saturation by 10% instead.


 120.6940, 4.5879,
68.6744


 120.6940, 4.5879,
68.6744


255.0000, 0.0000,
0.0000


 92.7370, 6.0457,
67.7597


 175.7650, 3.5669,
69.4891


 61.9590, 9.3872,
69.3190


 194.6920, 7.5468,
52.8901

 40.3990, 8.6773,
63.6711


 214.4340, 12.1110,
35.5764

 29.6330, 3.6319,
48.5569

 233.2810, 10.7075,
19.0476

 19.6500, -2.2924,
35.3869

 250.3040, 2.3151,
4.1184

 8.4860, -3.6906,
17.1138

 0.0000, 0.0000,

0.0000

■ 120.6940, 4.5879,
68.6744

■ 120.6940, 4.5879,
68.6744

■ 107.7000, 5.5709,
80.0701

■ 133.6880, 3.6048,
57.2786

■ 94.5920, 6.1171,
91.5658

■ 146.7960, 3.0586,
45.7829

■ 81.5980, 7.1002,
102.9616

■ 159.7900, 2.0755,
34.3872

■ 69.1910, 7.7938,
113.8425

■ 172.8980, 1.5293,
22.8915

■ 185.8920, 0.5462,
11.4957

■ 198.4130, 0.2894,
0.5148

■ 211.4070, -0.6937,
-10.8809

■ 224.5150, -1.2399,
-22.3767

■ 235.7480, -1.3548,
-32.2280

Harmonies

Analogous

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



125.1430, 23.5935, 39.3396



120.6940, 4.5879, 68.6744



118.8090, -16.6678, 72.9585

Triad

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



120.6940, 4.5879, 68.6744



112.4240, -40.1420, -4.7568



103.9370, 45.3871, -91.1527

Complementary

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



120.6940, 4.5879, 68.6744



157.3060, -4.5879, -68.6744

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.



102.1810, 28.5048, -89.6127



120.6940, 4.5879, 68.6744



102.2020, -16.8616, -51.9202

Square

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



120.6940, 4.5879, 68.6744



115.8090, -47.2338, 29.9855



96.9370, 8.4121, -85.0137



99.8910, 55.2697, -87.6044

Rectangle

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



120.6940, 4.5879, 68.6744



118.6110, -29.8812, 64.3622



96.9370, 8.4121, -85.0137



103.8570, 40.0035, -91.0826

Sweetspot

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



120.6940, 4.5879, 68.6744



225.0340, 1.9552, 26.2802



113.0120, 42.3921, 29.8075



109.0390, 0.9668, 16.6288



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.



120.6940, 4.5879, 68.6744



134.9080, 6.9474, 105.3207



119.5760, -20.0040, 69.6548



93.1470, 0.4205, 5.1331



56.6030, 6.1117, 93.3102



12.4740, 1.2453, 20.6323

Inverse Universe

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



120.6940, 4.5879, 68.6744



134.9080, 6.9474, 105.3207



158.4240, 20.0040, -69.6548



93.1470, 0.4205, 5.1331



56.6030, 6.1117, 93.3102



12.4740, 1.2453, 20.6323

Previews

White Background



This preview shows how the YUV color 120.6940, 4.5879, 68.6744 looks on a white background.

Color Contrast Check

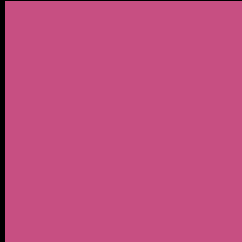
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.6940, 4.5879, 68.6744 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 120.6940, 4.5879, 68.6744 Background



This preview shows how black text looks on a background with the YUV color 120.6940, 4.5879, 68.6744.



This preview shows how white text looks on a background with the YUV color 120.6940, 4.5879,

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

120.6940, 4.5879, 68.6744

Protanopia

122.7120, 16.9040, -8.5174

Deuteranopia

123.1690, 0.4097, 8.6218



Tritanopia

120.2750, -13.4466, 66.4108

Trichromacy



Original Color

120.6940, 4.5879, 68.6744

Protanomaly

122.0360, 12.3073, 19.2624

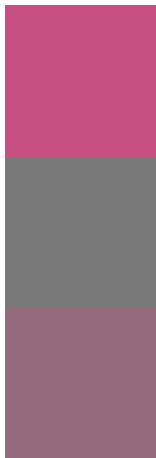
Deuteranomaly

122.3550, 1.7970, 30.3837

Tritanomaly

120.2950, -7.0474, 67.2703

Monochromacy



Original Color

120.6940, 4.5879, 68.6744

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.9090, 1.5239, 24.6358

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.6940, 4.5879, 68.6744 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(199, 79, 130)` looks like.

```
.text, #text, p{  
    color:rgb(199, 79, 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(199, 79, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 79, 130) }
```

Border

The CSS property to change the border of an element to YUV 120.6940, 4.5879, 68.6744 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(199, 79, 130) }
```


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

```
.border{ border-color:rgb(199, 79, 130) }
```

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

Here you see how a box with a 4 pixel rgb(199, 79, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 79, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 79, 130);  
box-shadow:4px 4px 4px 4px rgb(199, 79,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 120.6940, 4.5879, 68.6744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 79, 130) }
```

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

```
.background{ background-color: rgb(199, 79,  
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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