

Converting Colors

YUV(121.8420, 0.0779, 68.5446)

Have a look what the booklet for
YUV(121.8420, 0.0779, 68.5446)
contains.

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Color

**YUV(121.8420, 0.0779,
68.5446)**

Conversions

Conversions Part 1

Format	Color
Hex	C8527A
RGB	200, 82, 122
RGB Percent	78%, 32%, 48%
CMY	0.2157, 0.6784, 0.5216
CMYK	0.00, 0.59, 0.39, 0.22
HSL	340°, 52%, 55%
HSV	340°, 59%, 78%
XYZ	30.3496, 19.7191, 20.6189
YIQ	121.8420, 57.4880, 37.4560

Conversions

Conversions Part 2

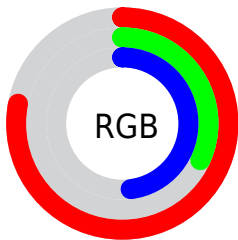
Format	Color
R _Y B	200, 82, 122
Decimal	13128314
CIE Lab	51.52, 50.72, 1.56
CIE LCh	52, 50.747, 1.762
Yxy	19.7191, 0.4293, 0.2790
Android (android.graphics.Color)	4291318394 (0xFFC8527A)
YUV	121.8420, 0.0779, 68.5446
Hunter-Lab	44.4062, 44.2857, 3.5545

Details

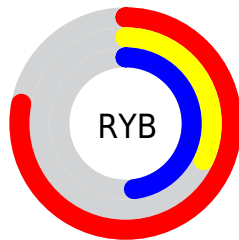
The YUV color **121.8420, 0.0779, 68.5446** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **160.1580, -0.0779, -68.5446**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.9130, -0.9431, 69.3593**, and **64.9820, 4.4459, 67.5448** is the 20% darker color. If you saturate the color by 10%, you get **108.6200, 0.1873, 80.1403**, and if you desaturate by 10%, it is **135.0640, -0.0316, 56.9489**.

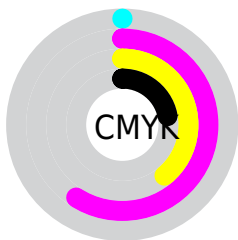
Distribution



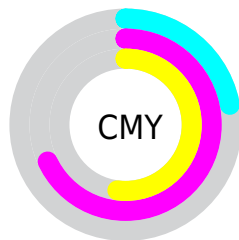
- Red (78%)
- Green (32%)
- Blue (48%)



- Red (78%)
- Yellow (32%)
- Blue (48%)



- Cyan (0%)
- Magenta (59%)
- Yellow (39%)
- Black (22%)




- Cyan (22%)
- Magenta (68%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YUV color 121.8420, 0.0779, 68.5446 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 121.8420, 0.0779, 68.5446 by changing the saturation by 10% instead.

 121.8420, 0.0779,
68.5446

 121.8420, 0.0779,
68.5446

255.0000, 0.0000,
0.0000

 94.4720, 1.2463,
67.1151

 175.9130, -0.9431,
69.3593

 64.9820, 4.4459,
67.5448


 195.5410, 3.1843,
52.1455


 39.9000, 5.4723,
64.9857


 215.1690, 7.3117,
34.9318

 29.1340, 0.4269,
49.8715

 235.0420, 9.8393,
17.5032

 18.6950, -7.2446,
37.1015

 252.0650, 1.4470,
2.5740

 8.1870, -3.5432,
16.4990

 0.0000, 0.0000,

0.0000

■ 121.8420, 0.0779,
68.5446

■ 121.8420, 0.0779,
68.5446

■ 108.6200, 0.1873,
80.1403

■ 135.0640, -0.0316,
56.9489

■ 95.3980, 0.2968,
91.7360

■ 148.2860, -0.1410,
45.3532

■ 82.0620, -0.0306,
103.4316

■ 161.6220, 0.1864,
33.6575

■ 68.8400, 0.0789,
115.0273

■ 174.8440, 0.0769,
22.0618

■ 67.5520, 0.2209,
116.1569

■ 188.0660, -0.0325,
10.4661

■ 201.2880, -0.1420,
-1.1296

■ 214.6240, 0.1854,
-12.8252

■ 227.8460, 0.0759,
-24.4209

■ 236.9590, 1.9922,
-32.4130

Harmonies

Analogous

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



125.7370, 19.3567, 44.9577



121.8420, 0.0779, 68.5446



120.5650, -19.9985, 67.9105

Triad

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



121.8420, 0.0779, 68.5446



112.5740, -34.3000, -11.9044



103.6920, 46.9868, -90.9379

Complementary

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



121.8420, 0.0779, 68.5446



160.1580, -0.0779, -68.5446

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.



102.9790, 31.5624, -90.3126



121.8420, 0.0779, 68.5446



99.6720, -9.6983, -62.8563

Square

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



121.8420, 0.0779, 68.5446



116.8620, -44.3020, 22.9230



98.6640, 12.4906, -86.5283



98.4890, 54.9749, -86.3749

Rectangle

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



121.8420, 0.0779, 68.5446



119.9970, -32.0435, 57.8846



98.6640, 12.4906, -86.5283



103.8400, 42.4769, -91.0677

Sweetspot

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



121.8420, 0.0779, 68.5446



224.5780, 0.2080, 26.6801



118.4750, 40.1918, 35.5404



108.8110, 0.0932, 16.8288



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.



121.8420, 0.0779, 68.5446



135.0730, -0.0360, 105.1760



127.8480, -22.6031, 63.2773



93.0330, -0.0163, 5.2331



55.0070, -0.0035, 94.7099



12.1320, -0.0651, 20.9322

Inverse Universe

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



121.8420, 0.0779, 68.5446



135.0730, -0.0360, 105.1760



154.1520, 22.6031, -63.2773



93.0330, -0.0163, 5.2331



55.0070, -0.0035, 94.7099



12.1320, -0.0651, 20.9322

Previews

White Background



This preview shows how the YUV color 121.8420, 0.0779, 68.5446 looks on a white background.

Color Contrast Check

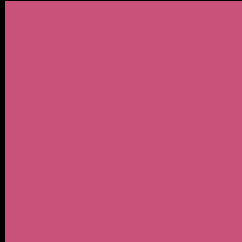
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.8420, 0.0779, 68.5446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

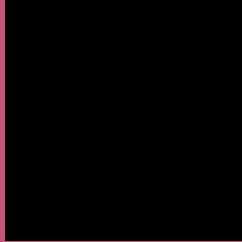
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.8420, 0.0779, 68.5446

Background



This preview shows how black text looks on a background with the YUV color 121.8420, 0.0779, 68.5446.



This preview shows how white text looks on a background with the YUV color 121.8420, 0.0779,

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

121.8420, 0.0779, 68.5446

Protanopia

123.5400, 11.0728, -4.8586

Deuteranopia

124.3390, -4.1111, 11.9807



Tritanopia

121.5740, -13.5940, 67.0256

Trichromacy



Original Color

121.8420, 0.0779, 68.5446

Protanomaly

122.6790, 7.0603, 22.2065

Deuteranomaly

123.8130, -2.8658, 32.6130

Tritanomaly

121.8390, -8.7946, 67.6702

Monochromacy



Original Color

121.8420, 0.0779, 68.5446

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.5670, 0.2135, 24.9357

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.8420, 0.0779, 68.5446 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(200, 82, 122)` looks like.

```
.text, #text, p{  
    color:rgb(200, 82, 122)  
}
```

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(200, 82, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 82, 122) }
```

Border

The CSS property to change the border of an element to YUV 121.8420, 0.0779, 68.5446 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(200, 82, 122) }
```


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

```
.border{ border-color:rgb(200, 82, 122) }
```

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

Here you see how a box with a 4 pixel rgb(200, 82, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 82, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 82, 122);  
box-shadow:4px 4px 4px 4px rgb(200, 82,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 121.8420, 0.0779, 68.5446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 82, 122) }
```

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

```
.background{ background-color: rgb(200, 82,  
122) }
```

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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