

Converting Colors

YUV(127.5070, 11.5820,
65.3304)

Have a look what the booklet for
YUV(127.5070, 11.5820, 65.3304)
contains.

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Color

**YUV(127.5070, 11.5820,
65.3304)**

Conversions

Conversions Part 1

Format	Color
Hex	CA5597
RGB	202, 85, 151
RGB Percent	79%, 33%, 59%
CMY	0.2078, 0.6667, 0.4078
CMYK	0.00, 0.58, 0.25, 0.21
HSL	326°, 52%, 56%
HSV	326°, 58%, 79%
XYZ	33.1915, 21.2879, 31.6377
YIQ	127.5070, 48.5460, 45.3300

Conversions

Conversions Part 2

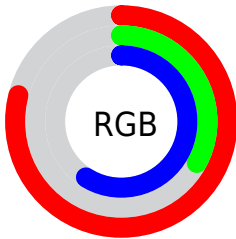
Format	Color
R_{YB}	202, 85, 151
Decimal	13260183
CIE _{Lab}	53.26, 53.55, -13.05
CIE _{LCh}	53, 55.119, 346.306
Yxy	21.2879, 0.3854, 0.2472
Android (android.graphics.Color)	4291450263 (0xFFCA5597)
YUV	127.5070, 11.5820, 65.3304
Hunter-Lab	46.1388, 47.6671, -8.3584

Details

The YUV color **127.5070, 11.5820, 65.3304** 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 **159.4930, -11.5820, -65.3304**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.7950, 11.4401, 64.2008**, and **70.0170, 14.7816, 65.7601** is the 20% darker color. If you saturate the color by 10%, you get **114.7410, 13.4387, 76.5261**, and if you desaturate by 10%, it is **140.2730, 9.7254, 54.1346**.

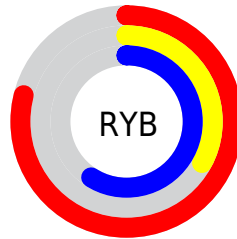
Distribution



Red (79%)

Green (33%)

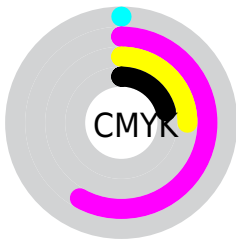
Blue (59%)



Red (79%)

Yellow (33%)

Blue (59%)

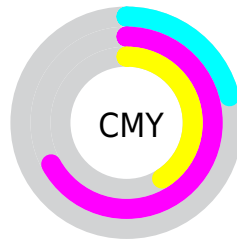


Cyan (0%)

Magenta (58%)

Yellow (25%)

Black (21%)



Cyan (21%)


Magenta (67%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YUV color 127.5070, 11.5820, 65.3304 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 127.5070, 11.5820, 65.3304 by changing the saturation by 10% instead.


 127.5070, 11.5820,
65.3304


 127.5070, 11.5820,
65.3304


255.0000, 0.0000,
0.0000


 99.4360, 12.6031,
64.5156


 181.7950, 11.4401,
64.2008

 70.0170, 14.7816,
65.7601

 200.8360, 15.8569,
47.5018

 43.6470, 15.9500,
64.3306


 220.3670, 17.0741,
30.3731

 32.6530, 10.0311,
49.4163

 237.3900, 8.6817,
15.4440

 22.7840, 4.5435,
36.1464

254.4130, 0.2894,
0.5148

 11.6330, -3.2701,
22.2469

 0.0000, 0.0000,

0.0000

■ 127.5070, 11.5820,
65.3304

■ 127.5070, 11.5820,
65.3304

■ 114.7410, 13.4387,
76.5261

■ 140.2730, 9.7254,
54.1346

■ 101.9750, 15.2953,
87.7219

■ 153.0390, 7.8688,
42.9388

■ 88.7360, 17.8782,
99.3325

■ 166.2780, 5.2859,
31.3282

■ 75.9700, 19.7348,
110.5283

■ 179.0440, 3.4293,
20.1324

■ 73.3940, 20.0188,
112.7875

■ 191.8100, 1.5727,
8.9366

■ 204.5760, -0.2840,
-2.2592

■ 217.3420, -2.1406,
-13.4549

■ 230.5810, -4.7234,
-25.0655

■ 236.3030, -3.1074,
-30.0837

Harmonies

Analogous

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



130.9010, 30.6148, 27.2738



127.5070, 11.5820, 65.3304



124.1500, -10.4269, 77.9215

Triad

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



127.5070, 11.5820, 65.3304



118.6660, -47.1633, 7.3089



108.5190, 42.6351, -95.1712

Complementary

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



127.5070, 11.5820, 65.3304



159.4930, -11.5820, -65.3304

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.



105.3780, 22.9846, -92.4165



127.5070, 11.5820, 65.3304



111.6680, -26.9513, -35.6658

Square

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



127.5070, 11.5820, 65.3304



122.1740, -47.4138, 41.0664



98.6180, 2.1603, -86.4880



106.5590, 55.4334, -93.4522

Rectangle

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



127.5070, 11.5820, 65.3304



123.7460, -24.5248, 73.0138



98.6180, 2.1603, -86.4880



107.6240, 36.6674, -94.3862

Sweetspot

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



127.5070, 11.5820, 65.3304



227.5930, 4.1447, 24.0359



113.5870, 43.5876, 19.6562



111.3700, 2.2826, 14.5845



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.



127.5070, 11.5820, 65.3304



141.6220, 17.4414, 99.4325



120.8950, -13.7522, 71.1291



95.6740, 1.1467, 5.5479



60.3500, 16.5894, 92.6551



13.8700, 4.0081, 21.1620

Inverse Universe

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



127.5070, 11.5820, 65.3304



141.6220, 17.4414, 99.4325



166.1050, 13.7522, -71.1291



95.6740, 1.1467, 5.5479



60.3500, 16.5894, 92.6551



13.8700, 4.0081, 21.1620

Previews

White Background



This preview shows how the YUV color 127.5070, 11.5820, 65.3304 looks on a white background.

Color Contrast Check

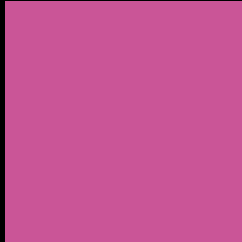
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.5070, 11.5820, 65.3304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

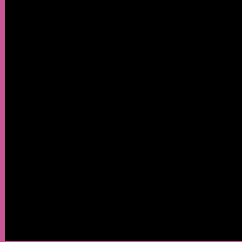
Any Text WCAG AA ✓ Pass

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 127.5070, 11.5820, 65.3304 Background



This preview shows how black text looks on a background with the YUV color 127.5070, 11.5820, 65.3304.



This preview shows how white text looks on a background with the YUV color 127.5070, 11.5820,

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

127.5070, 11.5820, 65.3304

Protanopia

127.6710, 25.7982, -14.6205

Deuteranopia

128.7860, 7.9935, 2.8187



Tritanopia

127.2960, -11.9779, 62.0074

Trichromacy



Original Color

127.5070, 11.5820, 65.3304

Protanomaly

127.4790, 20.4699, 14.4889

Deuteranomaly

128.2710, 9.2334, 25.1953

Tritanomaly

127.1850, -3.5422, 62.9818

Monochromacy



Original Color

127.5070, 11.5820, 65.3304

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.5930, 4.1447, 24.0359

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.5070, 11.5820, 65.3304 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(202, 85, 151)` looks like.

```
.text, #text, p{  
    color:rgb(202, 85, 151)  
}
```

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(202, 85, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 85, 151) }
```

Border

The CSS property to change the border of an element to YUV 127.5070, 11.5820, 65.3304 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(202, 85, 151) }
```


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

```
.border{ border-color:rgb(202, 85, 151) }
```

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

Here you see how a box with a 4 pixel rgb(202, 85, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 85, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 85, 151);  
box-shadow:4px 4px 4px 4px rgb(202, 85,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 127.5070, 11.5820, 65.3304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 85, 151) }
```

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

```
.background{ background-color: rgb(202, 85,  
151) }
```

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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