

Converting Colors

YUV(118.5920, -0.7849,
65.2558)

Have a look what the booklet for
YUV(118.5920, -0.7849, 65.2558)
contains.

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Color

**YUV(118.5920, -0.7849,
65.2558)**

Conversions

Conversions Part 1

Format	Color
Hex	C15175
RGB	193, 81, 117
RGB Percent	76%, 32%, 46%
CMY	0.2431, 0.6824, 0.5412
CMYK	0.00, 0.58, 0.39, 0.24
HSL	341°, 47%, 54%
HSV	341°, 58%, 76%
XYZ	28.1456, 18.5067, 18.9183
YIQ	118.5920, 55.1960, 34.9400

Conversions

Conversions Part 2

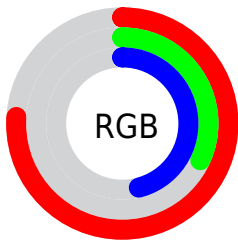
Format	Color
R_{YB}	193, 81, 117
Decimal	12669301
CIE _{Lab}	50.10, 48.33, 2.37
CIE _{LCh}	50, 48.391, 2.810
Yxy	18.5067, 0.4292, 0.2822
Android (android.graphics.Color)	4290859381 (0xFFC15175)
YUV	118.5920, -0.7849, 65.2558
Hunter-Lab	43.0194, 41.5006, 4.0400

Details

The YUV color **118.5920, -0.7849, 65.2558** 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 **155.4080, 0.7849, -65.2558**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.1580, -2.5429, 69.1444**, and **62.3190, 3.2937, 63.7412** is the 20% darker color. If you saturate the color by 10%, you get **105.9570, -0.9648, 76.3367**, and if you desaturate by 10%, it is **131.2270, -0.6049, 54.1749**.

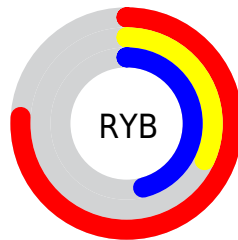
Distribution



Red (76%)

Green (32%)

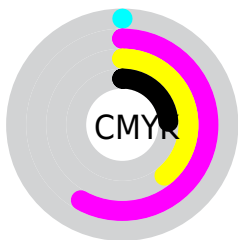
Blue (46%)



Red (76%)

Yellow (32%)

Blue (46%)

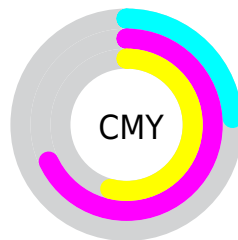


Cyan (0%)

Magenta (58%)

Yellow (39%)

Black (24%)



Cyan (24%)


Magenta (68%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YUV color 118.5920, -0.7849, 65.2558 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 118.5920, -0.7849, 65.2558 by changing the saturation by 10% instead.


 118.5920, -0.7849,
65.2558


 118.5920, -0.7849,
65.2558


255.0000, 0.0000,
0.0000


 91.2220, 0.3836,
63.8263

 174.1580, -2.5429,
69.1444

 62.3190, 3.2937,
63.7412


 193.6830, 1.1423,
53.7750


 37.3510, 4.7570,
61.0822


 213.3110, 5.2697,
36.5613

 26.8840, -0.4358,
46.5827

 233.6400, 9.5445,
18.7327

 16.9720, -7.3812,
34.2276

 250.8910, 2.0257,
3.6036

 4.1860, -2.0637,
8.6069

 0.0000, 0.0000,

0.0000

■ 118.5920, -0.7849,
65.2558

■ 118.5920, -0.7849,
65.2558

■ 105.9570, -0.9648,
76.3367

■ 131.2270, -0.6049,
54.1749

■ 92.7350, -0.8554,
87.9324

■ 144.4490, -0.7144,
42.5792

■ 80.1000, -1.0353,
99.0133

■ 157.0840, -0.5344,
31.4983

■ 67.4650, -1.2152,
110.0942

■ 169.7190, -0.3545,
20.4174

■ 64.7750, -1.3681,
112.4533

■ 182.9410, -0.4639,
8.8217

■ 195.6900, 0.1528,
-2.3591

■ 208.3250, 0.3328,
-13.4400

■ 220.9600, 0.5127,
-24.5209

■ 234.1820, 0.4033,
-36.1166

Harmonies

Analogous

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



122.2700, 17.6149, 43.6132



118.5920, -0.7849, 65.2558



117.5430, -19.9877, 64.4218

Triad

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



118.5920, -0.7849, 65.2558



109.8450, -31.9686, -13.0191



99.9590, 45.3762, -87.6640

Complementary

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



118.5920, -0.7849, 65.2558



155.4080, 0.7849, -65.2558

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.



99.5880, 31.2621, -87.3387



118.5920, -0.7849, 65.2558



97.3240, -8.5407, -60.7971

Square

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



118.5920, -0.7849, 65.2558



113.8340, -41.8232, 21.1936



95.5010, 13.0640, -83.7544



102.7040, 48.9529, -68.1464

Rectangle

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



118.5920, -0.7849, 65.2558



117.2030, -31.1591, 54.1960



95.5010, 13.0640, -83.7544



100.2210, 41.3030, -87.8938

Sweetspot

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



118.5920, -0.7849, 65.2558



221.4530, -0.2233, 25.0357



116.1930, 37.8659, 34.9107



108.3870, -0.1908, 14.5696



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



118.5920, -0.7849, 65.2558



133.7090, -1.3355, 101.9872



125.6410, -22.0080, 59.0738



90.3320, -0.1637, 5.8478



54.0670, -1.0190, 93.7802



11.1210, -0.0597, 19.1879

Inverse Universe

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



118.5920, -0.7849, 65.2558



133.7090, -1.3355, 101.9872



148.3590, 22.0080, -59.0738



90.3320, -0.1637, 5.8478



54.0670, -1.0190, 93.7802



11.1210, -0.0597, 19.1879

Previews

White Background



This preview shows how the YUV color 118.5920, -0.7849, 65.2558 looks on a white background.

Color Contrast Check

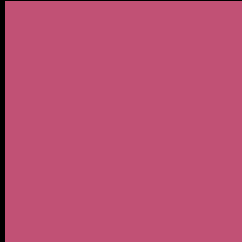
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.5920, -0.7849, 65.2558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

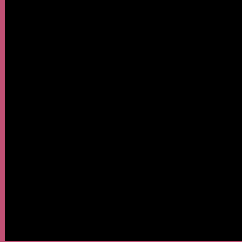
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.5920, -0.7849, 65.2558

Background



This preview shows how black text looks on a background with the YUV color 118.5920, -0.7849, 65.2558.



This preview shows how white text looks on a background with the YUV color 118.5920, -0.7849,

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

118.5920, -0.7849, 65.2558

Protanopia

120.3830, 9.1782, -3.8439

Deuteranopia

120.9260, -4.4005, 11.4659



Tritanopia

118.0790, -12.8569, 63.9517

Trichromacy



Original Color

118.5920, -0.7849, 65.2558

Protanomaly

119.6250, 5.6079, 21.3769

Deuteranomaly

119.8020, -2.8604, 30.8686

Tritanomaly

118.2300, -8.4944, 64.6963

Monochromacy



Original Color

118.5920, -0.7849, 65.2558

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.7410, -0.3653, 23.9061

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.5920, -0.7849, 65.2558 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(193, 81, 117)` looks like.

```
.text, #text, p{  
    color:rgb(193, 81, 117)  
}
```

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(193, 81, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 81, 117) }
```

Border

The CSS property to change the border of an element to YUV 118.5920, -0.7849, 65.2558 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(193, 81, 117) }
```


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

```
.border{ border-color:rgb(193, 81, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 81, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 81, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 81, 117);  
box-shadow:4px 4px 4px 4px rgb(193, 81,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 118.5920, -0.7849, 65.2558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 81, 117) }
```

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

```
.background{ background-color: rgb(193, 81,  
117) }
```

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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