

Converting Colors

YUV(124.5800, 4.1511, 68.7743)

Have a look what the booklet for
YUV(124.5800, 4.1511, 68.7743)
contains.

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Color

**YUV(124.5800, 4.1511,
68.7743)**

Conversions

Conversions Part 1

Format	Color
Hex	CB5385
RGB	203, 83, 133
RGB Percent	80%, 33%, 52%
CMY	0.2039, 0.6745, 0.4784
CMYK	0.00, 0.59, 0.34, 0.20
HSL	335°, 54%, 56%
HSV	335°, 59%, 80%
XYZ	31.9555, 20.5765, 24.4777
YIQ	124.5800, 55.4700, 40.9900

Conversions

Conversions Part 2

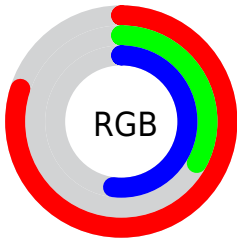
Format	Color
R_{YB}	203, 83, 133
Decimal	13325189
CIE _{Lab}	52.48, 52.49, -3.54
CIE _{LCh}	52, 52.608, 356.147
Yxy	20.5765, 0.4150, 0.2672
Android (android.graphics.Color)	4291515269 (0xFFCB5385)
YUV	124.5800, 4.1511, 68.7743
Hunter-Lab	45.3613, 46.3649, -0.2410

Details

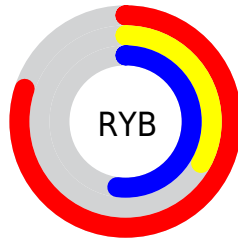
The YUV color **124.5800, 4.1511, 68.7743** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **161.4200, -4.1511, -68.7743**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.4550, 3.7197, 67.1300**, and **67.0190, 8.3716, 68.3893** is the 20% darker color. If you saturate the color by 10%, you get **111.4720, 4.6973, 80.2701**, and if you desaturate by 10%, it is **137.6880, 3.6048, 57.2786**.

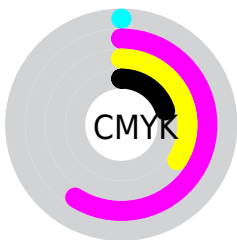
Distribution



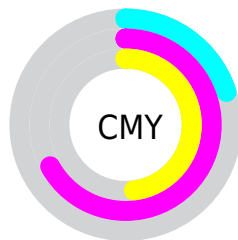
- Red (80%)
- Green (33%)
- Blue (52%)



- Red (80%)
- Yellow (33%)
- Blue (52%)



- Cyan (0%)
- Magenta (59%)
- Yellow (34%)
- Black (20%)




- Cyan (20%)
- Magenta (67%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YUV color 124.5800, 4.1511, 68.7743 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 124.5800, 4.1511, 68.7743 by changing the saturation by 10% instead.


 124.5800, 4.1511,
68.7743


 124.5800, 4.1511,
68.7743

255.0000, 0.0000,
0.0000


 96.6230, 5.6089,
67.8596

 178.4550, 3.7197,
67.1300


 67.0190, 8.3716,
68.3893


 197.4960, 8.1365,
50.4310

 41.9370, 9.3981,
65.8303


 217.7110, 11.9745,
32.7025

 31.0570, 3.9159,
50.8160

 235.6290, 9.5499,
16.9884

 20.8890, -1.4243,
36.9313

 253.2390, 0.8682,
1.5444

 10.2800, -4.5750,
20.8024

 0.0000, 0.0000,

0.0000

■ 124.5800, 4.1511,
68.7743

■ 124.5800, 4.1511,
68.7743

■ 111.4720, 4.6973,
80.2701

■ 137.6880, 3.6048,
57.2786

■ 97.7770, 5.5329,
92.2806

■ 151.3830, 2.7692,
45.2681

■ 84.6690, 6.0792,
103.7763

■ 164.4910, 2.2229,
33.7724

■ 71.6750, 7.0622,
115.1720

■ 177.4850, 1.2399,
22.3767

■ 70.3870, 7.2042,
116.3016

■ 191.1800, 0.4043,
10.3661

■ 204.2880, -0.1420,
-1.1296

■ 217.3960, -0.6882,
-12.6253

■ 230.5040, -1.2345,
-24.1210

■ 237.7420, 1.1132,
-30.4687

Harmonies

Analogous

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



128.4420, 23.4461, 39.9544



124.5800, 4.1511, 68.7743



122.6950, -17.1046, 73.0585

Triad

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



124.5800, 4.1511, 68.7743



115.6520, -39.2684, -4.9568



106.1540, 46.2661, -93.0971

Complementary

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



124.5800, 4.1511, 68.7743



161.4200, -4.1511, -68.7743

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.



104.3980, 29.3838, -91.5570



124.5800, 4.1511, 68.7743



106.2020, -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.



124.5800, 4.1511, 68.7743



119.9230, -46.7970, 29.8855



99.1540, 9.2911, -86.9581



101.9940, 55.7120, -89.4487

Rectangle

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



124.5800, 4.1511, 68.7743



122.3120, -29.7338, 63.7474



99.1540, 9.2911, -86.9581



106.0740, 40.8825, -93.0269

Sweetspot

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



124.5800, 4.1511, 68.7743



224.9200, 1.5184, 26.3802



117.6100, 42.0973, 31.0370



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.



124.5800, 4.1511, 68.7743



136.6690, 6.0792, 103.7763



124.7500, -20.5827, 68.6253



95.4460, 0.2731, 5.7479



57.5000, 5.6695, 95.1545



13.1860, 1.3873, 21.7619

Inverse Universe

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



124.5800, 4.1511, 68.7743



136.6690, 6.0792, 103.7763



161.2500, 20.5828, -68.6252



95.4460, 0.2731, 5.7479



57.5000, 5.6695, 95.1545



13.1860, 1.3873, 21.7619

Previews

White Background



This preview shows how the YUV color 124.5800, 4.1511, 68.7743 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 124.5800, 4.1511, 68.7743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

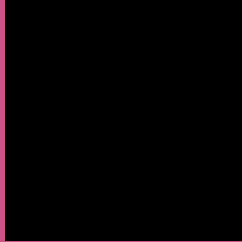
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 124.5800, 4.1511, 68.7743

Background



This preview shows how black text looks on a background with the YUV color 124.5800, 4.1511, 68.7743.



This preview shows how white text looks on a background with the YUV color 124.5800, 4.1511,

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

124.5800, 4.1511, 68.7743

Protanopia

126.0110, 16.7566, -7.9026

Deuteranopia

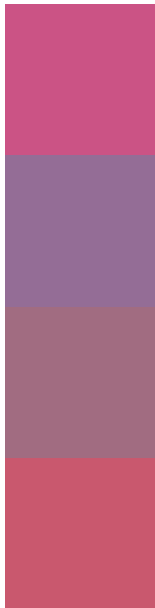
127.0550, -0.0271, 8.7218



Tritanopia

124.2750, -13.4466, 66.4108

Trichromacy



Original Color

124.5800, 4.1511, 68.7743

Protanomaly

125.3350, 12.1598, 19.8772

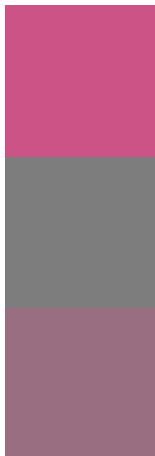
Deuteranomaly

126.2410, 1.3602, 30.4836

Tritanomaly

124.2950, -7.0474, 67.2703

Monochromacy



Original Color

124.5800, 4.1511, 68.7743

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.9090, 1.5239, 24.6358

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.5800, 4.1511, 68.7743 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, 83, 133)` looks like.

```
.text, #text, p{  
    color:rgb(203, 83, 133)  
}
```

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, 83, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 83, 133) }
```

Border

The CSS property to change the border of an element to YUV 124.5800, 4.1511, 68.7743 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, 83, 133) }
```


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

```
.border{ border-color:rgb(203, 83, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 83, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 83, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 83, 133);  
box-shadow:4px 4px 4px 4px rgb(203, 83,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 124.5800, 4.1511, 68.7743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 83, 133) }
```

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

```
.background{ background-color: rgb(203, 83,  
133) }
```

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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