

Converting Colors

YUV(123.3350, 5.7508, 68.9892)

Have a look what the booklet for
YUV(123.3350, 5.7508, 68.9892)
contains.

YUV(123.3350, 5.7508, 68.9892)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(123.3350, 5.7508,
68.9892)**

Conversions

Conversions Part 1

Format	Color
Hex	CA5187
RGB	202, 81, 135
RGB Percent	79%, 32%, 53%
CMY	0.2078, 0.6824, 0.4706
CMYK	0.00, 0.60, 0.33, 0.21
HSL	333°, 53%, 55%
HSV	333°, 60%, 79%
XYZ	31.6727, 20.1907, 25.1495
YIQ	123.3350, 54.7820, 42.4460

Conversions

Conversions Part 2

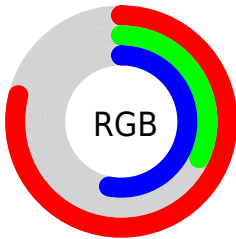
Format	Color
R_{YB}	202, 81, 135
Decimal	13259143
CIE Lab	52.05, 53.32, -5.38
CIE LCh	52, 53.588, 354.237
Yxy	20.1907, 0.4113, 0.2622
Android (android.graphics.Color)	4291449223 (0xFFCA5187)
YUV	123.3350, 5.7508, 68.9892
Hunter-Lab	44.9340, 47.1850, -1.7307

Details

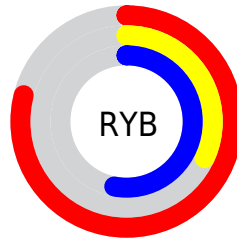
The YUV color **123.3350, 5.7508, 68.9892** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **159.6650, -5.7508, -68.9892**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.5090, 5.1721, 67.9596**, and **64.4860, 10.1134, 69.7338** is the 20% darker color. If you saturate the color by 10%, you get **110.3410, 6.7339, 80.3849**, and if you desaturate by 10%, it is **136.3290, 4.7678, 57.5935**.

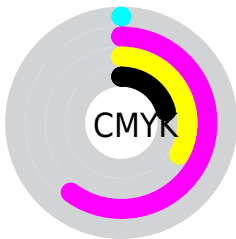
Distribution



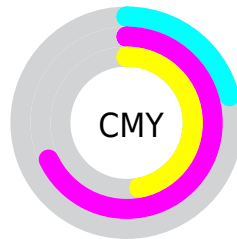
- Red (79%)
- Green (32%)
- Blue (53%)



- Red (79%)
- Yellow (32%)
- Blue (53%)



- Cyan (0%)
- Magenta (60%)
- Yellow (33%)
- Black (21%)





- Cyan (21%)
- Magenta (68%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.3350, 5.7508, 68.9892 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 123.3350, 5.7508, 68.9892 by changing the saturation by 10% instead.


 123.3350, 5.7508,
68.9892


 123.3350, 5.7508,
68.9892

255.0000, 0.0000,
0.0000


 95.3780, 7.2086,
68.0745

 177.5090, 5.1721,
67.9596

 64.4860, 10.1134,
69.7338


 196.5500, 9.5889,
51.2607

 41.7520, 9.9823,
65.1155


 216.7650, 13.4269,
33.5321

 30.8720, 4.5001,
50.1013

 235.0420, 9.8393,
17.5032

 21.1170, -0.5507,
36.7314

 252.0650, 1.4470,
2.5740

 9.9810, -4.4276,
20.1877

 0.0000, 0.0000,

0.0000

■ 123.3350, 5.7508,
68.9892

■ 123.3350, 5.7508,
68.9892

■ 110.3410, 6.7339,
80.3849

■ 136.3290, 4.7678,
57.5935

■ 97.3470, 7.7169,
91.7807

■ 149.3230, 3.7848,
46.1977

■ 83.6520, 8.5526,
103.7912

■ 163.0180, 2.9491,
34.1872

■ 70.6580, 9.5356,
115.1869

■ 176.0120, 1.9661,
22.7915

■ 189.0060, 0.9830,
11.3957

■ 202.0000, 0.0000,
0.0000

■ 214.9940, -0.9830,
-11.3957

■ 228.5750, -2.2555,
-23.3063

■ 236.9870, -0.4866,
-30.6836

Harmonies

Analogous

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



127.7730, 24.7619, 37.9101



123.3350, 5.7508, 68.9892



121.0480, -15.7997, 74.5029

Triad

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



123.3350, 5.7508, 68.9892



114.7940, -41.3104, -3.3273



105.9260, 45.3925, -92.8971

Complementary

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



123.3350, 5.7508, 68.9892



159.6650, -5.7508, -68.9892

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.



104.0560, 28.0734, -91.2571



123.3350, 5.7508, 68.9892



105.0560, -18.7616, -49.1611

Square

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



123.3350, 5.7508, 68.9892



118.7060, -47.6761, 31.8298



97.9970, 7.3965, -85.9434



102.1080, 56.1488, -89.5487

Rectangle

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



123.3350, 5.7508, 68.9892



120.8500, -29.0130, 65.9066



97.9970, 7.3965, -85.9434



105.8460, 40.0089, -92.8269

Sweetspot

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



123.3350, 5.7508, 68.9892



225.1480, 2.3920, 26.1802



114.8270, 42.9763, 29.0927



109.1530, 1.4036, 16.5288



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.



123.3350, 5.7508, 68.9892



135.3640, 8.6945, 104.9208



120.7010, -19.5726, 71.2992



95.4460, 0.2731, 5.7479



58.0700, 7.8535, 94.6546



13.3000, 1.8241, 21.6619

Inverse Universe

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



123.3350, 5.7508, 68.9892



135.3640, 8.6945, 104.9208



162.2990, 19.5726, -71.2992



95.4460, 0.2731, 5.7479



58.0700, 7.8535, 94.6546



13.3000, 1.8241, 21.6619

Previews

White Background



This preview shows how the YUV color 123.3350, 5.7508, 68.9892 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 123.3350, 5.7508, 68.9892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

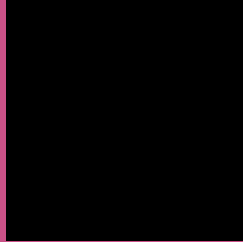
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.3350, 5.7508, 68.9892

Background



This preview shows how black text looks on a background with the YUV color 123.3350, 5.7508, 68.9892.



This preview shows how white text looks on a background with the YUV color 123.3350, 5.7508,

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

123.3350, 5.7508, 68.9892

Protanopia

124.8690, 18.7986, -9.5321

Deuteranopia

126.0980, 1.4307, 7.8071



Tritanopia

122.6880, -13.1572, 66.9256

Trichromacy



Original Color

123.3350, 5.7508, 68.9892

Protanomaly

124.4920, 14.0544, 18.8625

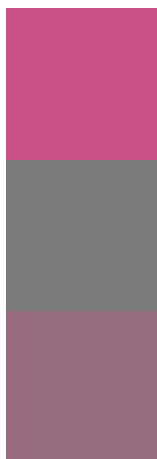
Deuteranomaly

124.6970, 3.1074, 30.0837

Tritanomaly

122.8220, -6.3212, 67.6851

Monochromacy



Original Color

123.3350, 5.7508, 68.9892

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.3220, 1.8133, 25.1506

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.3350, 5.7508, 68.9892 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, 81, 135)` looks like.

```
.text, #text, p{  
    color:rgb(202, 81, 135)  
}
```

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, 81, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 81, 135) }
```

Border

The CSS property to change the border of an element to YUV 123.3350, 5.7508, 68.9892 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, 81, 135) }
```


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

```
.border{ border-color:rgb(202, 81, 135) }
```

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

Here you see how a box with a 4 pixel rgb(202, 81, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 81, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 81, 135);  
box-shadow:4px 4px 4px 4px rgb(202, 81,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 123.3350, 5.7508, 68.9892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 81, 135) }
```

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

```
.background{ background-color: rgb(202, 81,  
135) }
```

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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