

Converting Colors

YUV(115.9170, 43.4249,
71.9868)

Have a look what the booklet for
YUV(115.9170, 43.4249, 71.9868)
contains.

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Color

**YUV(115.9170, 43.4249,
71.9868)**

Conversions

Conversions Part 1

Format	Color
Hex	C639CC
RGB	198, 57, 204
RGB Percent	78%, 22%, 80%
CMY	0.2235, 0.7765, 0.2000
CMYK	0.03, 0.72, 0.00, 0.20
HSL	298°, 59%, 51%
HSV	298°, 72%, 80%
XYZ	35.6509, 19.2917, 58.9714
YIQ	115.9170, 36.8490, 75.6090

Conversions

Conversions Part 2

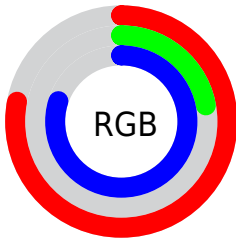
Format	Color
R _{YB}	198, 57, 204
Decimal	12990924
CIE _{Lab}	51.03, 71.68, -47.46
CIE _{LCh}	51, 85.971, 326.490
Yxy	19.2917, 0.3130, 0.1694
Android (android.graphics.Color)	4291181004 (0xFFC639CC)
YUV	115.9170, 43.4249, 71.9868
Hunter-Lab	43.9223, 68.0213, -48.8590

Details

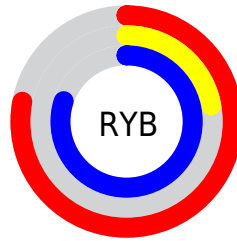
The YUV color **115.9170, 43.4249, 71.9868** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **145.0830, -43.4249, -71.9868**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.9940, 39.9360, 71.0423**, and **58.8460, 44.4459, 71.1721** is the 20% darker color. If you saturate the color by 10%, you get **103.8780, 49.3601, 81.6680**, and if you desaturate by 10%, it is **127.9560, 37.4897, 62.3056**.

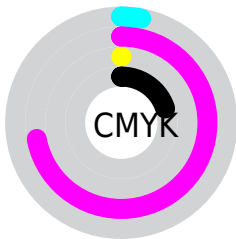
Distribution



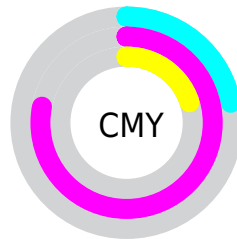
- Red (78%)
- Green (22%)
- Blue (80%)



- Red (78%)
- Yellow (22%)
- Blue (80%)



- Cyan (3%)
- Magenta (72%)
- Yellow (0%)
- Black (20%)





- Cyan (22%)
- Magenta (78%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 115.9170, 43.4249, 71.9868 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 115.9170, 43.4249, 71.9868 by changing the saturation by 10% instead.


 115.9170, 43.4249,
71.9868


 115.9170, 43.4249,
71.9868


255.0000, 0.0000,
0.0000


 79.4000, 47.6238,
78.5792


 173.9940, 39.9360,
71.0423


 58.8460, 44.4459,
71.1721


 191.0170, 31.5436,
56.1131

 47.5100, 37.2166,
56.5577


 208.0400, 23.1513,
41.1839

 36.1740, 29.9872,
41.9434

 225.0630, 14.7589,
26.2547

 25.6640, 23.3366,
28.3587

 242.6730, 6.0772,
10.8108

 13.9580, 17.2757,
12.3148

 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 115.9170, 43.4249,
71.9868

■ 115.9170, 43.4249,
71.9868

■ 103.8780, 49.3601,
81.6680

■ 127.9560, 37.4897,
62.3056

■ 91.2520, 55.5848,
91.8640

■ 140.5820, 31.2651,
52.1096

■ 81.8600, 60.2150,
100.1008

■ 152.3220, 25.4773,
41.8136

■ 164.9480, 19.2526,
31.6176

■ 176.9870, 13.3174,
21.9364

■ 189.0260, 7.3822,
12.2552

■ 201.6520, 1.1576,
2.0592

■ 213.6910, -4.7777,
-7.6220

■ 226.0180,
-10.8549, -18.4328

Harmonies

Analogous

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



115.5110, 68.7681, -30.2661



115.9170, 43.4249, 71.9868



87.3350, 23.0058, 134.7642

Triad

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



115.9170, 43.4249, 71.9868



114.4370, -56.4174, 35.5738



110.4280, 37.2570, -96.8454

Complementary

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



115.9170, 43.4249, 71.9868



145.0830, -43.4249, -71.9868

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.



101.1770, 4.3497, -88.7322



115.9170, 43.4249, 71.9868



104.6490, -51.5920, -18.9862

Square

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



115.9170, 43.4249, 71.9868



110.0380, -54.2487, 86.7897



88.6660, -30.8943, -77.7601



114.8060, 64.1856, -100.6849

Rectangle

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



115.9170, 43.4249, 71.9868



82.9450, 1.0131, 142.1222



88.6660, -30.8943, -77.7601



107.5780, 26.3370, -94.3459

Sweetspot

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



115.9170, 43.4249, 71.9868



221.5300, 16.5007, 27.5992



77.8670, 62.1836, -18.3004



107.4440, 10.1341, 16.2736



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.



115.9170, 43.4249, 71.9868



123.7560, 64.7033, 107.2080



110.1870, 13.7118, 82.2740



96.1300, 2.8939, 5.1480



66.4650, 49.0708, 81.1532



15.3950, 11.1443, 18.9476

Inverse Universe

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



101.6370, -19.0480, 89.7724



102.5070, -28.3510, 133.7364



150.8130, -13.7118, -82.2740



94.9900, -1.4741, 6.1478



50.4320, -21.4120, 101.3531



11.5900, -4.7279, 23.1616

Previews

White Background



This preview shows how the YUV color 115.9170, 43.4249, 71.9868 looks on a white background.

Color Contrast Check

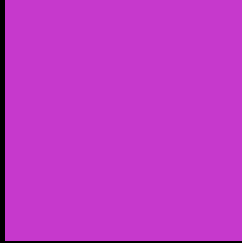
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.9170, 43.4249, 71.9868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

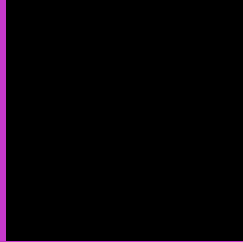
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.9170, 43.4249, 71.9868

Background



This preview shows how black text looks on a background with the YUV color 115.9170, 43.4249, 71.9868.



This preview shows how white text looks on a background with the YUV color 115.9170, 43.4249, 71.9868.

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

115.9170, 43.4249, 71.9868

Protanopia

97.7660, 75.0514, -85.7408

Deuteranopia

118.2480, 37.3457, -31.7895



Tritanopia

121.6050, -10.6513, 56.4744

Trichromacy



Original Color

115.9170, 43.4249, 71.9868



Protanomaly

104.4420, 63.3791, -28.4516



Deuteranomaly

117.1740, 39.8472, 5.9864



Tritanomaly

119.5020, 9.1195, 61.8267

Monochromacy



Original Color

115.9170, 43.4249, 71.9868



Achromatopsia

116.0000, 0.0000, 0.0000



Achromatomaly

116.2910, 15.6325, 26.0548

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.9170, 43.4249, 71.9868 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(198, 57, 204)` looks like.

```
.text, #text, p{  
    color:rgb(198, 57, 204)  
}
```

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(198, 57, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 57, 204) }
```

Border

The CSS property to change the border of an element to YUV 115.9170, 43.4249, 71.9868 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(198, 57, 204) }
```


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

```
.border{ border-color:rgb(198, 57, 204) }
```

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

Here you see how a box with a 4 pixel rgb(198, 57, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 57, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 57, 204);  
box-shadow:4px 4px 4px 4px rgb(198, 57,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 115.9170, 43.4249, 71.9868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 57, 204) }
```

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

```
.background{ background-color: rgb(198, 57,  
204) }
```

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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