

Converting Colors

YUV(119.9780, -2.9472,
58.7783)

Have a look what the booklet for
YUV(119.9780, -2.9472, 58.7783)
contains.

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Color

**YUV(119.9780, -2.9472,
58.7783)**

Conversions

Conversions Part 1

Format	Color
Hex	BB5772
RGB	187, 87, 114
RGB Percent	73%, 34%, 45%
CMY	0.2667, 0.6588, 0.5529
CMYK	0.00, 0.53, 0.39, 0.27
HSL	344°, 42%, 54%
HSV	344°, 53%, 73%
XYZ	26.9390, 18.5961, 18.0892
YIQ	119.9780, 50.9330, 29.5970

Conversions

Conversions Part 2

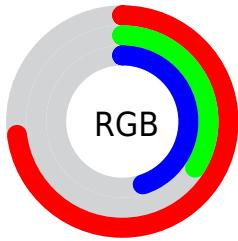
Format	Color
RYB	187, 87, 114
Decimal	12277618
CIELab	50.21, 43.04, 4.21
CIELCh	50, 43.248, 5.587
Yxy	18.5961, 0.4234, 0.2923
Android (android.graphics.Color)	4290467698 (0xFFBB5772)
YUV	119.9780, -2.9472, 58.7783
Hunter-Lab	43.1232, 36.0430, 5.3155

Details

The YUV color **119.9780, -2.9472, 58.7783** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **154.0220, 2.9472, -58.7783**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.6580, -4.2684, 62.5669**, and **66.3520, -0.1735, 55.8193** is the 20% darker color. If you saturate the color by 10%, you get **107.2290, -3.5639, 69.9592**, and if you desaturate by 10%, it is **132.7270, -2.3304, 47.5974**.

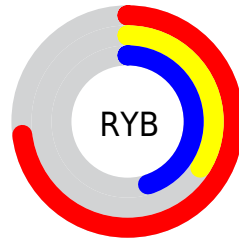
Distribution



Red (73%)

Green (34%)

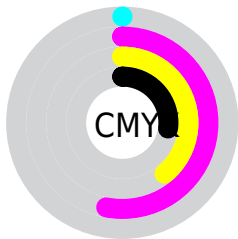
Blue (45%)



Red (73%)

Yellow (34%)

Blue (45%)

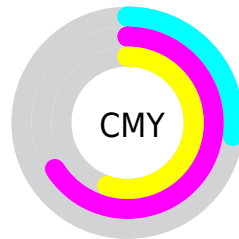


Cyan (0%)

Magenta (53%)

Yellow (39%)

Black (27%)



Cyan (27%)


Magenta (66%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YUV color 119.9780, -2.9472, 58.7783 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 119.9780, -2.9472, 58.7783 by changing the saturation by 10% instead.


 119.9780, -2.9472,
58.7783

 119.9780, -2.9472,
58.7783


255.0000, 0.0000,
0.0000

 93.3090, -1.6313,
56.7340


 174.6580, -4.2684,
62.5669


 66.3520, -0.1735,
55.8193


 196.2760, -1.6151,
51.5009

 35.8130, 4.0362,
58.9230


 215.9040, 2.5123,
34.2872

 25.1610, -0.5724,
43.7088

 236.1190, 6.3503,
16.5586

 16.0750, -6.9390,
32.3832

253.8260, 0.5788,
1.0296

 0.5980, -0.2948,
1.2296

 0.0000, 0.0000,

0.0000

■ 119.9780, -2.9472,
58.7783

■ 119.9780, -2.9472,
58.7783

■ 107.2290, -3.5639,
69.9592

■ 132.7270, -2.3304,
47.5974

■ 95.1810, -4.0332,
80.5253

■ 144.7750, -1.8611,
37.0313

■ 82.4320, -4.6500,
91.7061

■ 157.5240, -1.2443,
25.8505

■ 69.6830, -5.2667,
102.8870

■ 170.2730, -0.6276,
14.6696

■ 61.6130, -5.7252,
109.9644

■ 182.9080, -0.4476,
3.5887

■ 195.0700, 0.4585,
-7.0774

■ 207.8190, 1.0752,
-18.2583

■ 220.4540, 1.2552,
-29.3392

■ 232.6160, 2.1613,
-40.0052

Harmonies

Analogous

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



122.6350, 13.9839, 41.5391



119.9780, -2.9472, 58.7783



118.6130, -19.5292, 57.3444

Triad

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



119.9780, -2.9472, 58.7783



111.2130, -26.7270, -14.2188



98.1010, 43.3342, -86.0346

Complementary

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



119.9780, -2.9472, 58.7783



154.0220, 2.9472, -58.7783

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.



98.7730, 30.6779, -86.6239



119.9780, -2.9472, 58.7783



100.9380, -6.3784, -54.3196

Square

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



119.9780, -2.9472, 58.7783



115.2940, -36.1339, 16.4052



95.2560, 14.6638, -83.5395



111.8660, 39.9991, -42.8555

Rectangle

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



119.9780, -2.9472, 58.7783



118.0280, -29.1008, 47.3334



95.2560, 14.6638, -83.5395



99.0640, 39.4084, -86.8791

Sweetspot

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



119.9780, -2.9472, 58.7783



215.9150, -0.9441, 22.8765



119.9280, 33.0665, 34.2661



106.5610, -0.7696, 13.5400



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



119.9780, -2.9472, 58.7783



138.1330, -4.5026, 91.0914



129.8140, -21.1073, 50.1521



87.9190, -0.4531, 5.3330



52.1440, -4.5080, 92.8357



10.1810, -1.0752, 18.2583

Inverse Universe

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



119.9780, -2.9472, 58.7783



138.1330, -4.5026, 91.0914



144.1860, 21.1073, -50.1521



87.9190, -0.4531, 5.3330



52.1440, -4.5080, 92.8357



10.1810, -1.0752, 18.2583

Previews

White Background



This preview shows how the YUV color 119.9780, -2.9472, 58.7783 looks on a white background.

Color Contrast Check

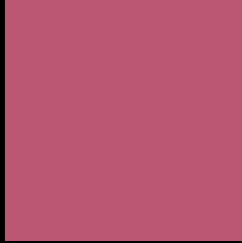
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.9780, -2.9472, 58.7783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

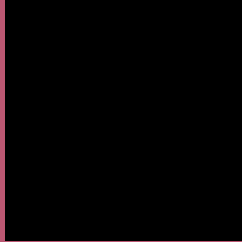
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.9780, -2.9472, 58.7783

Background



This preview shows how black text looks on a background with the YUV color 119.9780, -2.9472, 58.7783.



This preview shows how white text looks on a background with the YUV color 119.9780, -2.9472,

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

119.9780, -2.9472, 58.7783

Protanopia

120.2970, 6.2626, -2.0145

Deuteranopia

121.1820, -6.0057, 12.9954



Tritanopia

119.5020, -11.0935, 58.3187

Trichromacy



Original Color

119.9780, -2.9472, 58.7783

Protanomaly

119.9300, 2.9925, 20.2324

Deuteranomaly

120.6340, -4.7496, 30.1390

Tritanomaly

119.5990, -8.1833, 58.2337

Monochromacy



Original Color

119.9780, -2.9472, 58.7783

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9040, -0.9387, 21.1322

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.9780, -2.9472, 58.7783 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(187, 87, 114)` looks like.

```
.text, #text, p{  
    color:rgb(187, 87, 114)  
}
```

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(187, 87, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 87, 114) }
```

Border

The CSS property to change the border of an element to YUV 119.9780, -2.9472, 58.7783 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(187, 87, 114) }
```


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

```
.border{ border-color:rgb(187, 87, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 87, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 87, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 87, 114);  
box-shadow:4px 4px 4px 4px rgb(187, 87,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 119.9780, -2.9472, 58.7783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 87, 114) }
```

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

```
.background{ background-color: rgb(187, 87,  
114) }
```

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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