

Converting Colors

YUV(120.6790, -2.7997,
58.1635)

Have a look what the booklet for
YUV(120.6790, -2.7997, 58.1635)
contains.

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Color

**YUV(120.6790, -2.7997,
58.1635)**

Conversions

Conversions Part 1

Format	Color
Hex	BB5873
RGB	187, 88, 115
RGB Percent	73%, 35%, 45%
CMY	0.2667, 0.6549, 0.5490
CMYK	0.00, 0.53, 0.39, 0.27
HSL	344°, 42%, 54%
HSV	344°, 53%, 73%
XYZ	27.0778, 18.7820, 18.4178
YIQ	120.6790, 50.3370, 29.3850

Conversions

Conversions Part 2

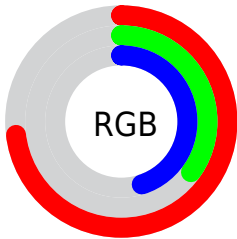
Format	Color
R_{YB}	187, 88, 115
Decimal	12277875
CIE _{Lab}	50.43, 42.66, 3.93
CIE _{LCh}	50, 42.838, 5.261
Yxy	18.7820, 0.4213, 0.2922
Android (android.graphics.Color)	4290467955 (0xFFBB5873)
YUV	120.6790, -2.7997, 58.1635
Hunter-Lab	43.3383, 35.6849, 5.1398

Details

The YUV color **120.6790, -2.7997, 58.1635** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **154.3210, 2.7997, -58.1635**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.3590, -4.1210, 61.9522**, and **67.6400, -0.3155, 54.6897** is the 20% darker color. If you saturate the color by 10%, you get **107.9300, -3.4165, 69.3444**, and if you desaturate by 10%, it is **133.4280, -2.1830, 46.9826**.

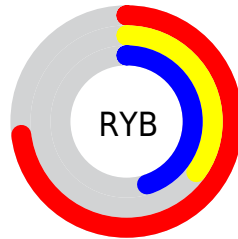
Distribution



Red (73%)

Green (35%)

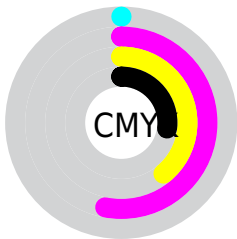
Blue (45%)



Red (73%)

Yellow (35%)

Blue (45%)

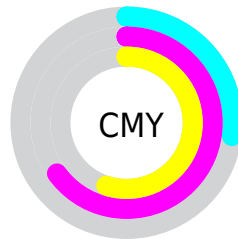


Cyan (0%)

Magenta (53%)

Yellow (39%)

Black (27%)



Cyan (27%)


Magenta (65%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.6790, -2.7997, 58.1635 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 120.6790, -2.7997, 58.1635 by changing the saturation by 10% instead.


 120.6790, -2.7997,
58.1635

 120.6790, -2.7997,
58.1635


255.0000, 0.0000,
0.0000


 94.0100, -1.4839,
56.1192


 175.3590, -4.1210,
61.9522

 67.6400, -0.3155,
54.6897


 196.9770, -1.4677,
50.8862

 37.1010, 3.8942,
57.7934


 216.6050, 2.6597,
33.6724

 25.5740, -0.2830,
44.2236

 236.8200, 6.4977,
15.9439

 16.0750, -6.9390,
32.3832

254.4130, 0.2894,
0.5148

 1.1960, -0.5896,
2.4591

 0.0000, 0.0000,

0.0000

■ 120.6790, -2.7997,
58.1635

■ 120.6790, -2.7997,
58.1635

■ 107.9300, -3.4165,
69.3444

■ 133.4280, -2.1830,
46.9826

■ 95.8820, -3.8858,
79.9105

■ 145.4760, -1.7137,
36.4165

■ 83.1330, -4.5026,
91.0914

■ 158.2250, -1.0969,
25.2357

■ 70.4980, -4.6825,
102.1723

■ 170.8600, -0.9170,
14.1548

■ 61.7270, -5.2884,
109.8644

■ 183.0220, -0.0108,
3.4887

■ 195.7710, 0.6059,
-7.6922

■ 208.4060, 0.7858,
-18.7731

■ 221.1550, 1.4026,
-29.9539

■ 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.



123.2220, 13.6946, 41.0243



120.6790, -2.7997, 58.1635



119.3140, -19.3818, 56.7296

Triad

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



120.6790, -2.7997, 58.1635



111.9250, -26.5850, -13.0892



98.6880, 43.0448, -86.5494

Complementary

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



120.6790, -2.7997, 58.1635



154.3210, 2.7997, -58.1635

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



120.6790, -2.7997, 58.1635



102.4220, -7.1100, -52.9901

Square

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



120.6790, -2.7997, 58.1635



115.7070, -35.8446, 16.9200



95.3700, 15.1006, -83.6395



112.4530, 39.7097, -43.3703

Rectangle

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



120.6790, -2.7997, 58.1635



118.5550, -28.3746, 47.7483



95.3700, 15.1006, -83.6395



99.0640, 39.4084, -86.8791

Sweetspot

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



120.6790, -2.7997, 58.1635



215.9150, -0.9441, 22.8765



120.5150, 32.7771, 33.7513



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.



120.6790, -2.7997, 58.1635



138.1330, -4.5026, 91.0914



129.9280, -20.6705, 50.0521



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.



120.6790, -2.7997, 58.1635



138.1330, -4.5026, 91.0914



145.0720, 20.6705, -50.0521



87.9190, -0.4531, 5.3330



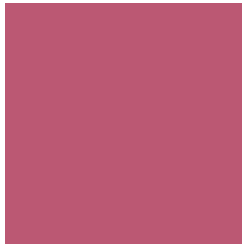
52.1440, -4.5080, 92.8357



10.1810, -1.0752, 18.2583

Previews

White Background



This preview shows how the YUV color 120.6790, -2.7997, 58.1635 looks on a white background.

Color Contrast Check

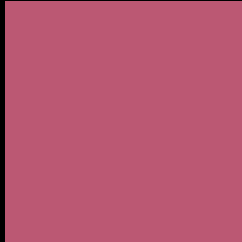
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.6790, -2.7997, 58.1635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

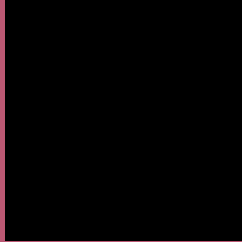
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.6790, -2.7997, 58.1635

Background



This preview shows how black text looks on a background with the YUV color 120.6790, -2.7997, 58.1635.



This preview shows how white text looks on a background with the YUV color 120.6790, -2.7997,

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

120.6790, -2.7997, 58.1635

Protanopia

121.1830, 5.8258, -1.9145

Deuteranopia

121.2960, -5.5689, 12.8954



Tritanopia

120.2030, -10.9461, 57.7040

Trichromacy



Original Color

120.6790, -2.7997, 58.1635

Protanomaly

120.8160, 2.5557, 20.3324

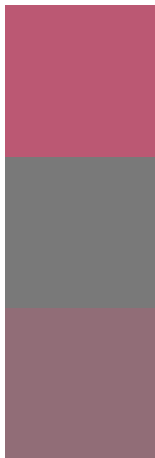
Deuteranomaly

121.3350, -4.6022, 29.5242

Tritanomaly

120.3000, -8.0359, 57.6189

Monochromacy



Original Color

120.6790, -2.7997, 58.1635

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.9040, -0.9387, 21.1322

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.6790, -2.7997, 58.1635 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, 88, 115)` looks like.

```
.text, #text, p{  
    color:rgb(187, 88, 115)  
}
```

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, 88, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 88, 115) }
```

Border

The CSS property to change the border of an element to YUV 120.6790, -2.7997, 58.1635 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, 88, 115) }
```


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

```
.border{ border-color:rgb(187, 88, 115) }
```

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

Here you see how a box with a 4 pixel rgb(187, 88, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 88, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 88, 115);  
box-shadow:4px 4px 4px 4px rgb(187, 88,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 120.6790, -2.7997, 58.1635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 88, 115) }
```

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

```
.background{ background-color: rgb(187, 88,  
115) }
```

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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