

Converting Colors

YUV(120.3320, 33.8533,
61.9758)

Have a look what the booklet for
YUV(120.3320, 33.8533, 61.9758)
contains.

YUV(120.3320, 33.8533, 61.9758)	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(120.3320, 33.8533,
61.9758)**

Conversions

Conversions Part 1

Format	Color
Hex	BF47BD
RGB	191, 71, 189
RGB Percent	75%, 28%, 74%
CMY	0.2510, 0.7216, 0.2588
CMYK	0.00, 0.63, 0.01, 0.25
HSL	301°, 48%, 51%
HSV	301°, 63%, 75%
XYZ	32.9244, 19.2570, 50.1258
YIQ	120.3320, 33.6420, 62.1380

Conversions

Conversions Part 2

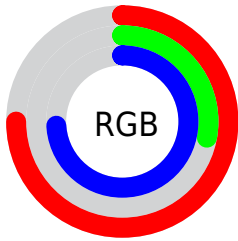
Format	Color
R_{YB}	191, 71, 189
Decimal	12535741
CIE _{Lab}	50.99, 62.42, -38.94
CIE _{LCh}	51, 73.566, 328.045
Yxy	19.2570, 0.3218, 0.1882
Android (android.graphics.Color)	4290725821 (0xFFBF47BD)
YUV	120.3320, 33.8533, 61.9758
Hunter-Lab	43.8828, 57.1303, -37.0070

Details

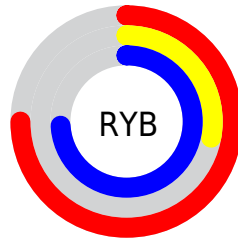
The YUV color **120.3320, 33.8533, 61.9758** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **141.6680, -33.8533, -61.9758**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.3430, 33.8479, 63.7202**, and **55.4560, 39.2152, 68.8831** is the 20% darker color. If you saturate the color by 10%, you get **109.1790, 39.3518, 71.7570**, and if you desaturate by 10%, it is **131.4850, 28.3549, 52.1947**.

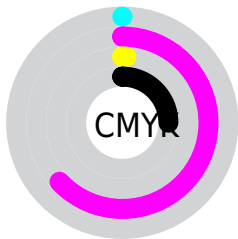
Distribution



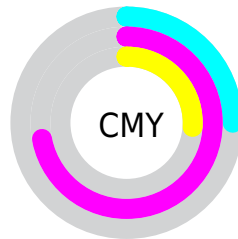
- Red (75%)
- Green (28%)
- Blue (74%)



- Red (75%)
- Yellow (28%)
- Blue (74%)



- Cyan (0%)
- Magenta (63%)
- Yellow (1%)
- Black (25%)



- Cyan (25%)
- Magenta (72%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.3320, 33.8533, 61.9758 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 120.3320, 33.8533, 61.9758 by changing the saturation by 10% instead.

120.3320, 33.8533,
61.9758

120.3320, 33.8533,
61.9758

255.0000, 0.0000,
0.0000

90.3860, 35.3057,
62.8055

177.3430, 33.8479,
63.7202

55.4560, 39.2152,
68.8831

196.3000, 28.9391,
51.4799

44.4190, 31.8384,
54.8835

213.3230, 20.5468,
36.5507

33.1970, 25.0459,
40.1692

230.3460, 12.1544,
21.6216

23.3990, 18.5373,
27.7141

247.3690, 3.7621,
6.6924

11.8070, 12.9131,
11.5703

2.1830, 5.8258,

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 120.3320, 33.8533,
61.9758

■ 120.3320, 33.8533,
61.9758

■ 109.1790, 39.3518,
71.7570

■ 131.4850, 28.3549,
52.1947

■ 97.9120, 44.4134,
81.6382

■ 142.7520, 23.2933,
42.3135

■ 86.7590, 49.9118,
91.4194

■ 153.9050, 17.7948,
32.5323

■ 78.5410, 53.9633,
98.6265

■ 165.0580, 12.2964,
22.7511

■ 176.9120, 6.9454,
12.3552

■ 188.0650, 1.4470,
2.5740

■ 199.2180, -4.0515,
-7.2072

■ 210.4850, -9.1131,
-17.0883

■ 221.6380,
-14.6115, -26.8695

Harmonies

Analogous

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



119.9940, 56.2050, -14.0267



120.3320, 33.8533, 61.9758



105.0590, 11.3099, 106.0653

Triad

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



120.3320, 33.8533, 61.9758



114.4150, -56.4066, 32.0850



107.2820, 35.3570, -94.0863

Complementary

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



120.3320, 33.8533, 61.9758



141.6680, -33.8533, -61.9758

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.



99.9860, 7.4019, -87.6877



120.3320, 33.8533, 61.9758



105.8560, -52.1870, -14.7827

Square

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



120.3320, 33.8533, 61.9758



111.7330, -55.0844, 74.7792



90.1140, -20.2692, -79.0300



110.5200, 57.9176, -96.9260

Rectangle

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



120.3320, 33.8533, 61.9758



104.8040, -8.7774, 108.9199



90.1140, -20.2692, -79.0300



105.5890, 26.3316, -92.6016

Sweetspot

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



120.3320, 33.8533, 61.9758



219.4110, 13.6014, 24.1956



85.2780, 52.1209, -10.7678



107.8630, 7.9555, 15.0291



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



120.3320, 33.8533, 61.9758



138.0630, 52.2269, 95.5377



113.4920, 7.6454, 67.9745



88.7170, 2.6045, 4.6332



64.9120, 44.4134, 81.6382



12.6890, 8.5343, 16.0587

Inverse Universe

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



120.3320, 33.8533, 61.9758



138.0630, 52.2269, 95.5377



148.5080, -7.6454, -67.9745



88.7170, 2.6045, 4.6332



64.9120, 44.4134, 81.6382



12.6890, 8.5343, 16.0587

Previews

White Background



This preview shows how the YUV color 120.3320, 33.8533, 61.9758 looks on a white background.

Color Contrast Check

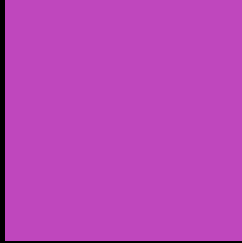
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.3320, 33.8533, 61.9758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

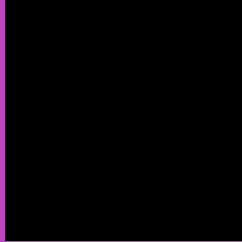
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.3320, 33.8533, 61.9758

Background



This preview shows how black text looks on a background with the YUV color 120.3320, 33.8533, 61.9758.



This preview shows how white text looks on a background with the YUV color 120.3320, 33.8533,

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

120.3320, 33.8533, 61.9758

Protanopia

113.0560, 58.6394, -48.2841

Deuteranopia

120.3650, 29.8931, -21.3681



Tritanopia

122.2130, -9.4720, 51.5562

Trichromacy



Original Color

120.3320, 33.8533, 61.9758



Protanomaly

115.6050, 49.4947, -8.4236



Deuteranomaly

120.6060, 31.2532, 9.1155



Tritanomaly

121.6600, 6.0836, 55.5492

Monochromacy



Original Color

120.3320, 33.8533, 61.9758



Achromatopsia

120.0000, 0.0000, 0.0000



Achromatomaly

120.0580, 12.2964, 22.7511

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.3320, 33.8533, 61.9758 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(191, 71, 189)` looks like.

```
.text, #text, p{  
    color:rgb(191, 71, 189)  
}
```

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(191, 71, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 71, 189) }
```

Border

The CSS property to change the border of an element to YUV 120.3320, 33.8533, 61.9758 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(191, 71, 189) }
```


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

```
.border{ border-color:rgb(191, 71, 189) }
```

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

Here you see how a box with a 4 pixel rgb(191, 71, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 71, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 71, 189);  
box-shadow:4px 4px 4px 4px rgb(191, 71,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 120.3320, 33.8533, 61.9758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 71, 189) }
```

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

```
.background{ background-color: rgb(191, 71,  
189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor