

Converting Colors

YUV(110.1880, 45.7563,
70.8721)

Have a look what the booklet for
YUV(110.1880, 45.7563, 70.8721)
contains.

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Color

**YUV(110.1880, 45.7563,
70.8721)**

Conversions

Conversions Part 1

Format	Color
Hex	BF33CB
RGB	191, 51, 203
RGB Percent	75%, 20%, 80%
CMY	0.2510, 0.8000, 0.2039
CMYK	0.06, 0.75, 0.00, 0.20
HSL	295°, 60%, 50%
HSV	295°, 75%, 80%
XYZ	33.4492, 17.7558, 58.1642
YIQ	110.1880, 34.6480, 76.9520

Conversions

Conversions Part 2

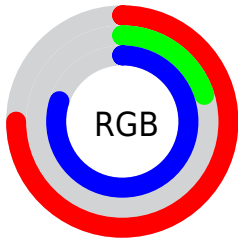
Format	Color
R_{YB}	191, 51, 203
Decimal	12530635
CIE _{Lab}	49.20, 71.98, -49.87
CIE _{LCh}	49, 87.567, 325.286
Yxy	17.7558, 0.3058, 0.1623
Android (android.graphics.Color)	4290720715 (0xFFBF33CB)
YUV	110.1880, 45.7563, 70.8721
Hunter-Lab	42.1377, 67.9537, -52.3438

Details

The YUV color **110.1880, 45.7563, 70.8721** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted purple. A complement of this color would be **143.8120, -45.7563, -70.8721**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.8630, 41.9725, 71.1571**, and **56.6390, 45.0410, 66.9686** is the 20% darker color. If you saturate the color by 10%, you get **97.8500, 51.8390, 79.9386**, and if you desaturate by 10%, it is **122.5260, 39.6737, 61.8057**.

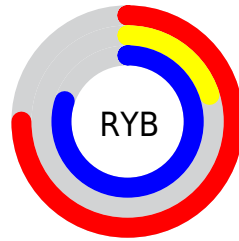
Distribution



Red (75%)

Green (20%)

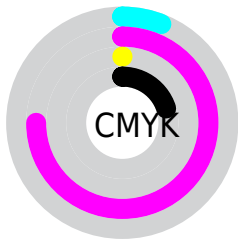
Blue (80%)



Red (75%)

Yellow (20%)

Blue (80%)

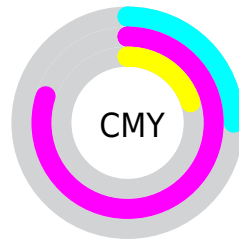


Cyan (6%)

Magenta (75%)

Yellow (0%)

Black (20%)



Cyan (25%)


Magenta (80%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 110.1880, 45.7563, 70.8721 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 110.1880, 45.7563, 70.8721 by changing the saturation by 10% instead.


 110.1880, 45.7563,
70.8721


 110.1880, 45.7563,
70.8721


255.0000, 0.0000,
0.0000


 68.3880, 52.5597,
82.0977


 169.8630, 41.9725,
71.1571


 56.6390, 45.0410,
66.9686


 188.0820, 32.9906,
58.6871


 45.3030, 37.8116,
52.3543


 205.1050, 24.5982,
43.7579

 33.9670, 30.5823,
37.7399

 222.1280, 16.2059,
28.8287

 23.7560, 23.7843,
24.7700

 239.1510, 7.8136,
13.8996

 11.1530, 18.1656,
6.8818

 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 110.1880, 45.7563,
70.8721

■ 110.1880, 45.7563,
70.8721

■ 97.8500, 51.8390,
79.9386

■ 122.5260, 39.6737,
61.8057

■ 85.2240, 58.0636,
90.1346

■ 135.1520, 33.4491,
51.6097

■ 79.0550, 61.1049,
94.6678

■ 147.4900, 27.3664,
42.5433

■ 159.5290, 21.4312,
32.8621

■ 172.4540, 15.0592,
23.2808

■ 184.7920, 8.9765,
14.2144

■ 196.8310, 3.0413,
4.5332

■ 209.1690, -3.0413,
-4.5332

■ 221.7950, -9.2659,
-14.7292

Harmonies

Analogous

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



107.3570, 72.2950, -41.5321



110.1880, 45.7563, 70.8721



85.6120, 22.8693, 131.8903

Triad

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



110.1880, 45.7563, 70.8721



110.3170, -54.3863, 37.4330



106.6950, 35.6464, -93.5715

Complementary

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



110.1880, 45.7563, 70.8721



143.8120, -45.7563, -70.8721

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.



97.4440, 2.7391, -85.4584



110.1880, 45.7563, 70.8721



101.1160, -49.8502, -17.6417

Square

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



110.1880, 45.7563, 70.8721



104.4450, -51.4914, 89.0637



83.7930, -36.8729, -73.4865



111.8880, 63.1592, -98.1258

Rectangle

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



110.1880, 45.7563, 70.8721



81.5210, 0.7291, 139.8631



83.7930, -36.8729, -73.4865



103.8450, 24.7264, -91.0721

Sweetspot

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



110.1880, 45.7563, 70.8721



220.9320, 16.7955, 26.3696



75.9590, 62.6312, -21.8890



107.1450, 10.2815, 15.6588



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.



110.1880, 45.7563, 70.8721



114.6080, 69.2133, 107.3378



106.5940, 16.4692, 84.5481



95.8310, 3.0413, 4.5332



64.6710, 49.9552, 77.4645



14.7970, 11.4391, 17.7180

Inverse Universe

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



97.8160, -17.1643, 92.2464



95.9360, -25.6044, 139.4991



147.4060, -16.4692, -84.5481



95.1040, -1.0373, 6.0478



51.1160, -18.7912, 100.7533



11.7040, -4.2911, 23.0616

Previews

White Background



This preview shows how the YUV color 110.1880, 45.7563, 70.8721 looks on a white background.

Color Contrast Check

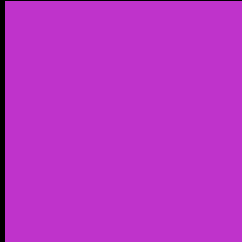
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 110.1880, 45.7563, 70.8721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

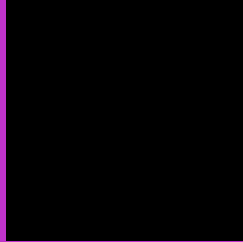
Any Text WCAG AA ✓ Pass

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 110.1880, 45.7563, 70.8721 Background



This preview shows how black text looks on a background with the YUV color 110.1880, 45.7563, 70.8721.



This preview shows how white text looks on a background with the YUV color 110.1880, 45.7563, 70.8721.

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

110.1880, 45.7563, 70.8721

Protanopia

93.6910, 72.1303, -82.1670

Deuteranopia

112.1980, 39.8354, -37.0076



Tritanopia

117.1100, -9.9142, 53.4005

Trichromacy



Original Color

110.1880, 45.7563, 70.8721



Protanomaly

99.3390, 62.9369, -26.6073



Deuteranomaly

111.7220, 42.0421, 1.9978



Tritanomaly

114.8330, 10.4353, 59.7825

Monochromacy



Original Color

110.1880, 45.7563, 70.8721



Achromatopsia

110.0000, 0.0000, 0.0000



Achromatomaly

110.2200, 16.6535, 25.2401

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.1880, 45.7563, 70.8721 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, 51, 203)` looks like.

```
.text, #text, p{  
    color:rgb(191, 51, 203)  
}
```

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, 51, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 51, 203) }
```

Border

The CSS property to change the border of an element to YUV 110.1880, 45.7563, 70.8721 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, 51, 203) }
```


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

```
.border{ border-color:rgb(191, 51, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 51, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 51, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 51, 203);  
box-shadow:4px 4px 4px 4px rgb(191, 51,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 110.1880, 45.7563, 70.8721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 51, 203) }
```

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

```
.background{ background-color: rgb(191, 51,  
203) }
```

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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