

Converting Colors

YUV(113.8070, 46.9301,
67.6983)

Have a look what the booklet for
YUV(113.8070, 46.9301, 67.6983)
contains.

YUV(113.8070, 46.9301, 67.6983)	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(113.8070, 46.9301,
67.6983)**

Conversions

Conversions Part 1

Format	Color
Hex	BF38D1
RGB	191, 56, 209
RGB Percent	75%, 22%, 82%
CMY	0.2510, 0.7804, 0.1804
CMYK	0.09, 0.73, 0.00, 0.18
HSL	293°, 62%, 52%
HSV	293°, 73%, 82%
XYZ	34.4087, 18.5082, 62.0805
YIQ	113.8070, 31.3470, 76.2030

Conversions

Conversions Part 2

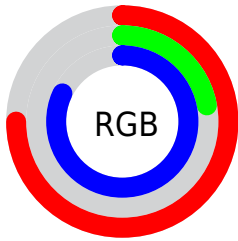
Format	Color
R_{YB}	191, 56, 209
Decimal	12531921
CIE _{Lab}	50.11, 71.41, -51.87
CIE _{LCh}	50, 88.257, 324.009
Yxy	18.5082, 0.2992, 0.1609
Android (android.graphics.Color)	4290722001 (0xFFBF38D1)
YUV	113.8070, 46.9301, 67.6983
Hunter-Lab	43.0211, 67.4789, -55.4421

Details

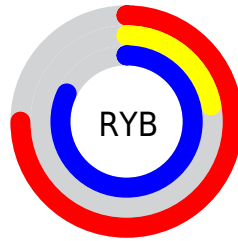
The YUV color **113.8070, 46.9301, 67.6983** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted purple. A complement of this color would be **151.1930, -46.9301, -67.6983**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.2110, 40.8150, 69.0980**, and **57.3230, 47.6618, 66.3687** is the 20% darker color. If you saturate the color by 10%, you get **100.8820, 53.3022, 77.2795**, and if you desaturate by 10%, it is **126.7320, 40.5581, 58.1170**.

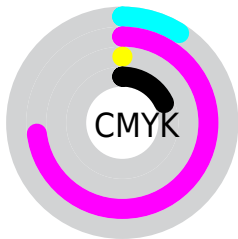
Distribution



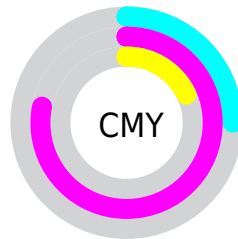
- Red (75%)
- Green (22%)
- Blue (82%)



- Red (75%)
- Yellow (22%)
- Blue (82%)



- Cyan (9%)
- Magenta (73%)
- Yellow (0%)
- Black (18%)




- Cyan (25%)
- Magenta (78%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 113.8070, 46.9301, 67.6983 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 113.8070, 46.9301, 67.6983 by changing the saturation by 10% instead.


 113.8070, 46.9301,
67.6983


 113.8070, 46.9301,
67.6983


255.0000, 0.0000,
0.0000


 77.2900, 51.1290,
74.2907


 172.2110, 40.8150,
69.0980


 57.3230, 47.6618,
66.3687


 189.8430, 32.1224,
57.1427


 45.8730, 39.9956,
51.8544


 206.8660, 23.7301,
42.2135

 34.5370, 32.7663,
37.2401

 223.8890, 15.3377,
27.2843

 24.3260, 25.9683,
24.2701

 241.4990, 6.6560,
11.8404

 11.4240, 20.4970,
5.7672

 4.5940, 12.5252,

-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 113.8070, 46.9301,
67.6983

■ 113.8070, 46.9301,
67.6983

■ 100.8820, 53.3022,
77.2795

■ 126.7320, 40.5581,
58.1170

■ 87.6580, 59.8216,
86.2459

■ 139.9560, 34.0387,
49.1506

■ 78.8420, 64.1679,
92.2236

■ 152.8810, 27.6667,
39.5694

■ 166.1050, 21.1472,
30.6029

179.0300, 14.7752,
21.0217

191.6670, 8.5452,
12.5700

204.5920, 2.1731,
2.9888

217.8160, -4.3463,
-5.9776

230.7410,
-10.7183, -15.5589

Harmonies

Analogous

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



105.6440, 73.6325, -50.5538



113.8070, 46.9301, 67.6983



87.1930, 25.0479, 133.1347

Triad

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



113.8070, 46.9301, 67.6983



112.3990, -55.4127, 39.9921



108.4560, 34.7782, -95.1159

Complementary

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



113.8070, 46.9301, 67.6983



151.1930, -46.9301, -67.6983

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.



98.3900, 1.2867, -86.2880



113.8070, 46.9301, 67.6983



103.7850, -51.1660, -15.5974

Square

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



113.8070, 46.9301, 67.6983



105.9400, -52.2284, 92.1376



84.8700, -40.3619, -74.4310



113.8770, 63.1646, -99.8701

Rectangle

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



113.8070, 46.9301, 67.6983



83.2870, 2.3235, 141.8223



84.8700, -40.3619, -74.4310



105.6060, 23.8582, -92.6165

Sweetspot

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



113.8070, 46.9301, 67.6983



220.0350, 17.2377, 24.5253



85.1820, 61.0423, -25.5926



106.8460, 10.4289, 15.0441



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.



113.8070, 46.9301, 67.6983



115.7380, 68.6562, 99.3308



112.8050, 19.8161, 84.3630



97.9450, 3.4781, 4.4332



63.7030, 51.4184, 74.8055



15.4380, 12.6021, 18.0329

Inverse Universe

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



103.7990, -14.6909, 92.2613



100.9400, -21.6624, 135.1106



152.1950, -19.8161, -84.3630



97.4030, -1.1847, 6.6626



52.5120, -16.0284, 101.2830



12.8290, -3.8597, 24.7060

Previews

White Background



This preview shows how the YUV color 113.8070, 46.9301, 67.6983 looks on a white background.

Color Contrast Check

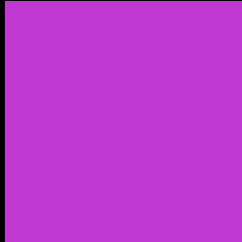
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.8070, 46.9301, 67.6983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

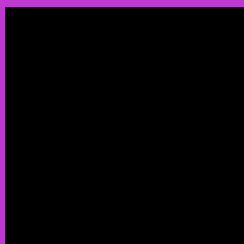
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.8070, 46.9301, 67.6983

Background



This preview shows how black text looks on a background with the YUV color 113.8070, 46.9301, 67.6983.



This preview shows how white text looks on a background with the YUV color 113.8070, 46.9301, 67.6983.

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

113.8070, 46.9301, 67.6983

Protanopia

95.4350, 73.7355, -83.6965

Deuteranopia

113.4580, 42.1722, -39.8667



Tritanopia

119.6150, -9.1772, 50.3266

Trichromacy



Original Color

113.8070, 46.9301, 67.6983



Protanomaly

102.2570, 63.9633, -29.1664



Deuteranomaly

113.8680, 43.9421, -0.7612



Tritanomaly

117.3380, 11.1724, 56.7086

Monochromacy



Original Color

113.8070, 46.9301, 67.6983



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

114.0350, 17.2377, 24.5253

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.8070, 46.9301, 67.6983 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, 56, 209)` looks like.

```
.text, #text, p{  
    color:rgb(191, 56, 209)  
}
```

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, 56, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 56, 209) }
```

Border

The CSS property to change the border of an element to YUV 113.8070, 46.9301, 67.6983 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, 56, 209) }
```


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

```
.border{ border-color:rgb(191, 56, 209) }
```

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

Here you see how a box with a 4 pixel rgb(191, 56, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 56, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 56, 209);  
box-shadow:4px 4px 4px 4px rgb(191, 56,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 113.8070, 46.9301, 67.6983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 56, 209) }
```

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

```
.background{ background-color: rgb(191, 56,  
209) }
```

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