

Converting Colors

YUV(106.4420, 50.5611,
69.7724)

Have a look what the booklet for
YUV(106.4420, 50.5611, 69.7724)
contains.

YUV(106.4420, 50.5611, 69.7724)	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>	30

Color

**YUV(106.4420, 50.5611,
69.7724)**

Conversions

Conversions Part 1

Format	Color
Hex	BA2ED1
RGB	186, 46, 209
RGB Percent	73%, 18%, 82%
CMY	0.2706, 0.8196, 0.1804
CMYK	0.11, 0.78, 0.00, 0.18
HSL	292°, 64%, 50%
HSV	292°, 78%, 82%
XYZ	32.7353, 16.9965, 61.8769
YIQ	106.4420, 31.1170, 80.3730

Conversions

Conversions Part 2

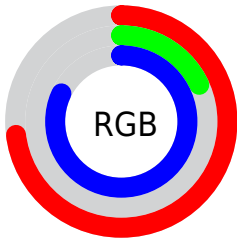
Format	Color
R_{YB}	186, 46, 209
Decimal	12201681
CIE _{Lab}	48.26, 73.52, -54.88
CIE _{LCh}	48, 91.738, 323.261
Yxy	16.9965, 0.2933, 0.1523
Android (android.graphics.Color)	4290391761 (0xFFBA2ED1)
YUV	106.4420, 50.5611, 69.7724
Hunter-Lab	41.2269, 69.5871, -60.1289

Details

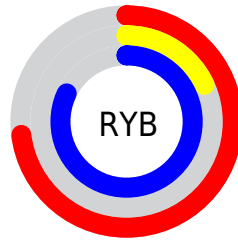
The YUV color **106.4420, 50.5611, 69.7724** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed purple. A complement of this color would be **148.5580, -50.5611, -69.7724**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.0200, 43.8671, 70.1425**, and **55.8280, 48.3988, 63.2948** is the 20% darker color. If you saturate the color by 10%, you get **93.2180, 57.0805, 78.7388**, and if you desaturate by 10%, it is **119.6660, 44.0417, 60.8059**.

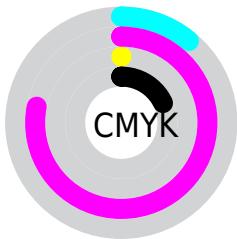
Distribution



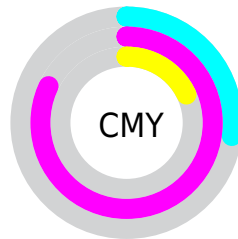
- Red (73%)
- Green (18%)
- Blue (82%)



- Red (73%)
- Yellow (18%)
- Blue (82%)



- Cyan (11%)
- Magenta (78%)
- Yellow (0%)
- Black (18%)



- Cyan (27%)
- Magenta (82%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.4420, 50.5611, 69.7724 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 106.4420, 50.5611, 69.7724 by changing the saturation by 10% instead.

106.4420, 50.5611,
69.7724

106.4420, 50.5611,
69.7724

255.0000, 0.0000,
0.0000

67.5770, 55.9175,
78.4240

166.0200, 43.8671,
70.1425

55.8280, 48.3988,
63.2948

185.7340, 34.1481,
60.7463

44.3780, 40.7326,
48.7805

202.7570, 25.7558,
45.8171

32.7430, 33.6507,
33.5514

219.7800, 17.3635,
30.8879

22.1190, 26.5633,
20.0666

237.3900, 8.6817,
15.4440

7.7220, 21.8291,
-1.5102

4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 106.4420, 50.5611,
69.7724

■ 106.4420, 50.5611,
69.7724

■ 93.2180, 57.0805,
78.7388

■ 119.6660, 44.0417,
60.8059

■ 79.9940, 63.6000,
87.7053

■ 132.8900, 37.5222,
51.8395

■ 77.6460, 64.7575,
89.7645

■ 146.1140, 31.0028,
42.8730

■ 159.3380, 24.4834,
33.9066

■ 172.5620, 17.9639,
24.9401

■ 185.1990, 11.7339,
16.4885

■ 198.4230, 5.2145,
7.5220

■ 211.6470, -1.3050,
-1.4444

■ 224.8710, -7.8244,
-10.4109

Harmonies

Analogous

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



89.5310, 81.5762, -78.5187



106.4420, 50.5611, 69.7724



86.3670, 24.4691, 132.1051

Triad

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



106.4420, 50.5611, 69.7724



108.5670, -53.5235, 40.7217



104.9510, 34.0412, -92.0420

Complementary

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



106.4420, 50.5611, 69.7724



148.5580, -50.5611, -69.7724

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.



95.2440, -0.6133, -83.5290



106.4420, 50.5611, 69.7724



99.3550, -48.9820, -16.0973

Square

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



106.4420, 50.5611, 69.7724



99.4720, -49.0397, 96.0561



81.5930, -40.2253, -71.5571



111.3010, 63.4486, -97.6110

Rectangle

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



106.4420, 50.5611, 69.7724



82.3470, 1.3079, 140.8927



81.5930, -40.2253, -71.5571



101.9870, 22.6844, -89.4426

Sweetspot

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



106.4420, 50.5611, 69.7724



217.9750, 18.2533, 25.4549



78.6700, 64.2527, -28.6516



105.0740, 11.3025, 14.8441



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.



106.4420, 50.5611, 69.7724



103.9540, 74.4657, 102.6493



106.8210, 22.2732, 89.6110



97.9450, 3.4781, 4.4332



62.5070, 52.0080, 72.3464



15.1390, 12.7495, 17.4181

Inverse Universe

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



97.3590, -13.9810, 97.9092



90.6360, -20.5265, 144.1472



148.1790, -22.2732, -89.6110



97.5170, -0.7479, 6.5626



52.9680, -14.2812, 100.8831



12.9430, -3.4229, 24.6060

Previews

White Background



This preview shows how the YUV color 106.4420, 50.5611, 69.7724 looks on a white background.

Color Contrast Check

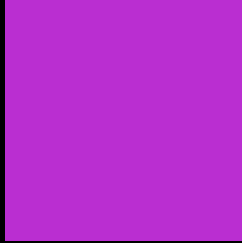
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.4420, 50.5611, 69.7724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

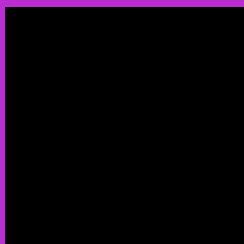
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.4420, 50.5611, 69.7724 Background



This preview shows how black text looks on a background with the YUV color 106.4420, 50.5611, 69.7724.



This preview shows how white text looks on a background with the YUV color 106.4420, 50.5611,

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

106.4420, 50.5611, 69.7724

Deuteranopia

106.2120, 45.2515, -47.5439

Tritanopia

115.3160, -9.0298, 49.7119

Trichromacy



Original Color

106.4420, 50.5611, 69.7724

Deuteranomaly

106.6440, 47.0105, -4.9498

Tritanomaly

112.0930, 12.7722, 56.9234

Monochromacy



Original Color

106.4420, 50.5611, 69.7724

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.9750, 18.2533, 25.4549

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.4420, 50.5611, 69.7724 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(186, 46, 209)` looks like.

```
.text, #text, p{  
    color:rgb(186, 46, 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(186, 46, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 46, 209) }
```

Border

The CSS property to change the border of an element to YUV 106.4420, 50.5611, 69.7724 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(186, 46, 209) }
```

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

```
.border{ border-color:rgb(186, 46, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 46, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 46, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 46, 209);  
box-shadow:4px 4px 4px 4px rgb(186, 46,  
209) }
```


Background

The CSS property to change the background color of an element to YUV 106.4420, 50.5611, 69.7724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 46, 209) }
```

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

```
.background{ background-color: rgb(186, 46,  
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