

Converting Colors

YUV(117.6610, 41.5791,
57.3023)

Have a look what the booklet for
YUV(117.6610, 41.5791, 57.3023)
contains.

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Color

**YUV(117.6610, 41.5791,
57.3023)**

Conversions

Conversions Part 1

Format	Color
Hex	B744CA
RGB	183, 68, 202
RGB Percent	72%, 27%, 79%
CMY	0.2824, 0.7333, 0.2078
CMYK	0.09, 0.66, 0.00, 0.21
HSL	291°, 56%, 53%
HSV	291°, 66%, 79%
XYZ	32.2562, 18.4658, 57.7413
YIQ	117.6610, 25.5260, 66.0540

Conversions

Conversions Part 2

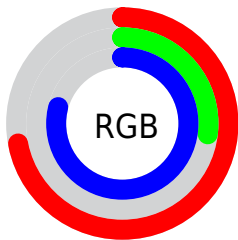
Format	Color
R_{YB}	183, 68, 202
Decimal	12010698
CIE _{Lab}	50.06, 64.04, -47.99
CIE _{LCh}	50, 80.026, 323.149
Yxy	18.4658, 0.2974, 0.1702
Android (android.graphics.Color)	4290200778 (0xFFB744CA)
YUV	117.6610, 41.5791, 57.3023
Hunter-Lab	42.9718, 58.7879, -49.5877

Details

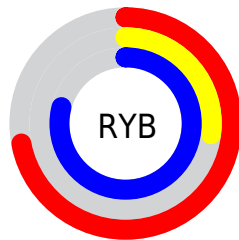
The YUV color **117.6610, 41.5791, 57.3023** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted purple. A complement of this color would be **152.3390, -41.5791, -57.3023**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.2160, 39.8265, 59.4466**, and **54.4320, 45.6360, 62.7651** is the 20% darker color. If you saturate the color by 10%, you get **105.0240, 47.8092, 65.7540**, and if you desaturate by 10%, it is **130.2980, 35.3491, 48.8507**.

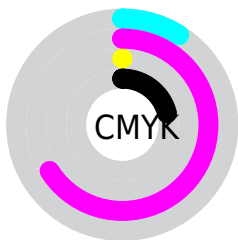
Distribution



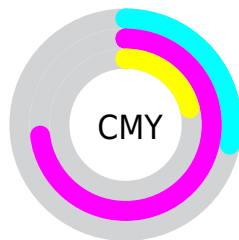
- Red (72%)
- Green (27%)
- Blue (79%)



- Red (72%)
- Yellow (27%)
- Blue (79%)



- Cyan (9%)
- Magenta (66%)
- Yellow (0%)
- Black (21%)





- Cyan (28%)
- Magenta (73%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YUV color 117.6610, 41.5791, 57.3023 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 117.6610, 41.5791, 57.3023 by changing the saturation by 10% instead.


 117.6610, 41.5791,
57.3023


 117.6610, 41.5791,
57.3023


255.0000, 0.0000,
0.0000


 87.6010, 42.5947,
58.2319


 174.2160, 39.8265,
59.4466


 54.4320, 45.6360,
62.7651


 194.5390, 29.8073,
53.0243


 43.3950, 38.2593,
48.7656


 211.5620, 21.4149,
38.0951

 32.0590, 31.0299,
34.1513

 228.5850, 13.0226,
23.1660

 22.1470, 24.0845,
21.7961

 245.6080, 4.6303,
8.2368

 8.7610, 19.3448,
1.9636

 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 117.6610, 41.5791,
57.3023

■ 117.6610, 41.5791,
57.3023

■ 105.0240, 47.8092,
65.7540

■ 130.2980, 35.3491,
48.8507

■ 92.3870, 54.0392,
74.2056

■ 142.9350, 29.1190,
40.3990

■ 79.1630, 60.5586,
83.1720

■ 156.1590, 22.5996,
31.4326

■ 74.7550, 62.7318,
86.1609

■ 168.4970, 16.5170,
22.3661

■ 181.1340, 10.2869,
13.9145

■ 193.7710, 4.0569,
5.4628

■ 206.4080, -2.1731,
-2.9888

■ 219.6320, -8.6926,
-11.9553

■ 232.2690,
-14.9226, -20.4069

Harmonies

Analogous

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



109.9780, 67.0588, -42.0767



117.6610, 41.5791, 57.3023



86.2520, 25.5118, 124.3130

Triad

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



117.6610, 41.5791, 57.3023



112.3990, -55.4127, 39.9921



106.3700, 31.8626, -93.2865

Complementary

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



117.6610, 41.5791, 57.3023



152.3390, -41.5791, -57.3023

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.



97.2160, 1.8655, -85.2584



117.6610, 41.5791, 57.3023



105.0030, -51.7665, -9.6496

Square

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



117.6610, 41.5791, 57.3023



107.3800, -52.9383, 86.4897



85.8620, -31.4840, -75.3010



110.5200, 57.9176, -96.9260

Rectangle

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



117.6610, 41.5791, 57.3023



80.8670, 5.9816, 135.1746



85.8620, -31.4840, -75.3010



103.7480, 21.8162, -90.9870

Sweetspot

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



117.6610, 41.5791, 57.3023



222.9700, 15.7908, 21.9513



95.0160, 52.7431, -23.6930



108.3080, 9.7082, 12.8849



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.



117.6610, 41.5791, 57.3023



126.5810, 63.3106, 87.1905



117.9840, 18.2489, 73.6820



95.8310, 3.0413, 4.5332



61.3820, 51.5767, 70.7020



14.1990, 11.7339, 16.4885

Inverse Universe

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



110.2320, -11.4534, 80.4805



115.3020, -17.4039, 122.5151



152.0160, -18.2489, -73.6820



95.1040, -1.0373, 6.0478



52.3700, -13.9864, 99.6535



11.9320, -3.4175, 22.8616

Previews

White Background



This preview shows how the YUV color 117.6610, 41.5791, 57.3023 looks on a white background.

Color Contrast Check

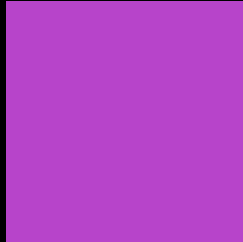
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.6610, 41.5791, 57.3023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

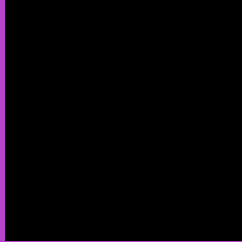
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.6610, 41.5791, 57.3023

Background



This preview shows how black text looks on a background with the YUV color 117.6610, 41.5791, 57.3023.



This preview shows how white text looks on a background with the YUV color 117.6610, 41.5791, 57.3023.

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

117.6610, 41.5791, 57.3023

Protanopia

95.4350, 73.7355, -83.6965

Deuteranopia

115.1660, 38.3722, -34.3486



Tritanopia

120.3260, -7.5557, 43.5641

Trichromacy



Original Color

117.6610, 41.5791, 57.3023



Protanomaly

103.6650, 61.7902, -32.1552



Deuteranomaly

116.0160, 39.4321, -0.8910



Tritanomaly

119.3540, 10.1785, 48.8015

Monochromacy



Original Color

117.6610, 41.5791, 57.3023



Achromatopsia

118.0000, 0.0000, 0.0000



Achromatomaly

118.1440, 15.2120, 20.9217

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.6610, 41.5791, 57.3023 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(183, 68, 202)` looks like.

```
.text, #text, p{  
    color:rgb(183, 68, 202)  
}
```

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(183, 68, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 68, 202) }
```

Border

The CSS property to change the border of an element to YUV 117.6610, 41.5791, 57.3023 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(183, 68, 202) }
```


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

```
.border{ border-color:rgb(183, 68, 202) }
```

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

Here you see how a box with a 4 pixel rgb(183, 68, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 68, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 68, 202);  
box-shadow:4px 4px 4px 4px rgb(183, 68,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 117.6610, 41.5791, 57.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 68, 202) }
```

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

```
.background{ background-color: rgb(183, 68,  
202) }
```

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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