

Converting Colors

YUV(117.1650, 47.2467,
59.4913)

Have a look what the booklet for
YUV(117.1650, 47.2467, 59.4913)
contains.

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Color

**YUV(117.1650, 47.2467,
59.4913)**

Conversions

Conversions Part 1

Format	Color
Hex	B940D5
RGB	185, 64, 213
RGB Percent	73%, 25%, 84%
CMY	0.2745, 0.7490, 0.1647
CMYK	0.13, 0.70, 0.00, 0.16
HSL	289°, 64%, 54%
HSV	289°, 70%, 84%
XYZ	33.8512, 18.7852, 64.7925
YIQ	117.1650, 24.2870, 71.9910

Conversions

Conversions Part 2

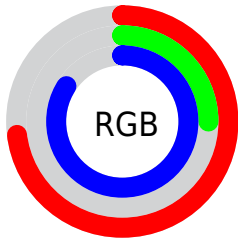
Format	Color
R _Y B	185, 64, 213
Decimal	12140757
CIE Lab	50.43, 68.06, -53.68
CIE LCh	50, 86.682, 321.737
Yxy	18.7852, 0.2883, 0.1600
Android (android.graphics.Color)	4290330837 (0xFFB940D5)
YUV	117.1650, 47.2467, 59.4913
Hunter-Lab	43.3419, 63.5653, -58.2944

Details

The YUV color **117.1650, 47.2467, 59.4913** 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 **159.8350, -47.2467, -59.4913**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.0530, 40.3999, 62.2205**, and **56.1700, 49.7092, 62.9949** is the 20% darker color. If you saturate the color by 10%, you get **103.6420, 53.9135, 67.8430**, and if you desaturate by 10%, it is **130.6880, 40.5798, 51.1396**.

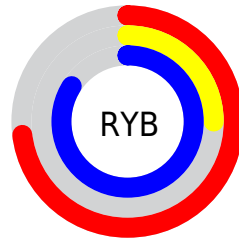
Distribution



Red (73%)

Green (25%)

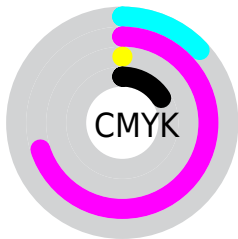
Blue (84%)



Red (73%)

Yellow (25%)

Blue (84%)

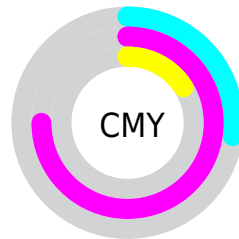


Cyan (13%)

Magenta (70%)

Yellow (0%)

Black (16%)



Cyan (27%)

Magenta (75%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.1650, 47.2467, 59.4913 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 117.1650, 47.2467, 59.4913 by changing the saturation by 10% instead.

■ 117.1650, 47.2467,
59.4913

■ 117.1650, 47.2467,
59.4913

■ 255.0000, 0.0000,
0.0000

■ 85.3440, 49.1304,
61.9653

■ 173.0530, 40.3999,
62.2205

■ 56.1700, 49.7092,
62.9949

■ 193.3650, 30.3861,
54.0539

■ 44.8340, 42.4798,
48.3806

■ 209.8010, 22.2831,
39.6395

■ 33.4980, 35.2505,
33.7663

■ 226.8240, 13.8908,
24.7104

■ 22.8740, 28.1631,
20.2815

■ 244.4340, 5.2090,
9.2664

■ 9.0750, 23.1340,
-0.0658

■ 4.9360, 13.8356,

-4.3289

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 117.1650, 47.2467,
59.4913

■ 117.1650, 47.2467,
59.4913

■ 103.6420, 53.9135,
67.8430

■ 130.6880, 40.5798,
51.1396


■ 89.5320, 60.8697,
76.7094

■ 144.7980, 33.6236,
42.2732


■ 76.0090, 67.5366,
85.0611


■ 158.3210, 26.9567,
33.9215


■ 171.8440, 20.2899,
25.5698

 185.9540, 13.3337,
16.7033

 199.4770, 6.6668,
8.3517

 213.0000, 0.0000,
0.0000

 226.5230, -6.6668,
-8.3517

 240.0460,
-13.3337, -16.7033

Harmonies

Analogous

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



96.9290, 77.9290, -75.3597



117.1650, 47.2467, 59.4913



86.9800, 28.1109, 130.6905

Triad

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



117.1650, 47.2467, 59.4913



113.3070, -55.8604, 43.5808



107.7720, 32.1574, -94.5160

Complementary

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



117.1650, 47.2467, 59.4913



159.8350, -47.2467, -59.4913

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.



98.4070, -1.1867, -86.3029



117.1650, 47.2467, 59.4913



105.8890, -52.2033, -9.5497

Square

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



117.1650, 47.2467, 59.4913



105.6630, -52.0919, 95.0115



84.5280, -41.6723, -74.1311



113.8940, 60.6913, -99.8850

Rectangle

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



117.1650, 47.2467, 59.4913



84.0850, 5.3811, 141.1225



84.5280, -41.6723, -74.1311



104.9220, 21.2375, -92.0166

Sweetspot

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



117.1650, 47.2467, 59.4913



220.3120, 17.1012, 21.6514



98.5960, 56.4012, -30.3407



107.4220, 10.1450, 12.7849



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.



117.1650, 47.2467, 59.4913



117.4220, 67.8260, 85.5759



120.4070, 23.4633, 81.2041



99.9450, 3.4781, 4.4332



61.0550, 54.2029, 68.3578



15.3670, 13.6231, 17.2181

Inverse Universe

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



111.7430, -9.7333, 88.8024



109.5460, -14.0732, 127.5632



156.5930, -23.4633, -81.2041



99.5170, -0.7479, 6.5626



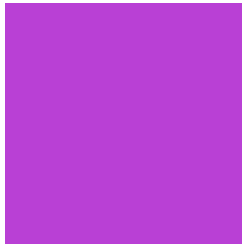
54.7770, -11.2291, 101.9276



13.7690, -2.8441, 25.6356

Previews

White Background



This preview shows how the YUV color 117.1650, 47.2467, 59.4913 looks on a white background.

Color Contrast Check

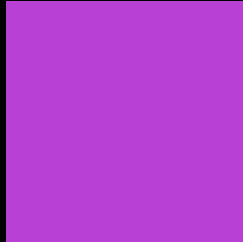
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.1650, 47.2467, 59.4913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

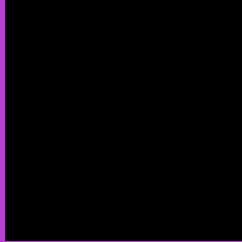
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.1650, 47.2467, 59.4913

Background



This preview shows how black text looks on a background with the YUV color 117.1650, 47.2467, 59.4913.



This preview shows how white text looks on a background with the YUV color 117.1650, 47.2467, 59.4913.

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

117.1650, 47.2467, 59.4913

Protanopia

96.1360, 73.8830, -84.3113

Deuteranopia

112.7070, 44.5144, -44.4700



Tritanopia

122.0270, -7.4083, 42.9493

Trichromacy



Original Color

117.1650, 47.2467, 59.4913



Protanomaly

103.6480, 64.2635, -32.1403



Deuteranomaly

114.2910, 45.7055, -6.3942



Tritanomaly

120.3370, 12.6519, 48.8165

Monochromacy



Original Color

117.1650, 47.2467, 59.4913



Achromatopsia

117.0000, 0.0000, 0.0000



Achromatomaly

117.3120, 17.1012, 21.6514

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.1650, 47.2467, 59.4913 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(185, 64, 213)` looks like.

```
.text, #text, p{  
    color:rgb(185, 64, 213)  
}
```

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(185, 64, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 64, 213) }
```

Border

The CSS property to change the border of an element to YUV 117.1650, 47.2467, 59.4913 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(185, 64, 213) }
```


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

```
.border{ border-color:rgb(185, 64, 213) }
```

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

Here you see how a box with a 4 pixel rgb(185, 64, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 64, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 64, 213);  
box-shadow:4px 4px 4px 4px rgb(185, 64,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 117.1650, 47.2467, 59.4913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 64, 213) }
```

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

```
.background{ background-color: rgb(185, 64,  
213) }
```

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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