

Converting Colors

YUV(125.6600, 43.0586,
49.4102)

Have a look what the booklet for
YUV(125.6600, 43.0586, 49.4102)
contains.

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Color

**YUV(125.6600, 43.0586,
49.4102)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B650D5 |
| RGB | 182, 80, 213 |
| RGB Percent | 71%, 31%, 84% |
| CMY | 0.2863, 0.6863, 0.1647 |
| CMYK | 0.15, 0.62, 0.00, 0.16 |
| HSL | 286°, 61%, 57% |
| HSV | 286°, 62%, 84% |
| XYZ | 34.1703, 20.4865, 65.1041 |
| YIQ | 125.6600, 18.0990, 62.9870 |

Conversions

Conversions Part 2

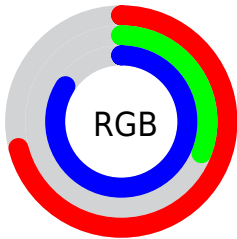
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 182, 80, 213 |
| Decimal | 11948245 |
| CIE Lab | 52.38, 60.77, -50.59 |
| CIE LCh | 52, 79.075, 320.225 |
| Yxy | 20.4865, 0.2853, 0.1711 |
| Android (android.graphics.Color) | 4290138325 (0xFFB650D5) |
| YUV | 125.6600, 43.0586, 49.4102 |
| Hunter-Lab | 45.2620, 55.5490, -53.5983 |

Details

The YUV color **125.6600, 43.0586, 49.4102** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **167.3400, -43.0586, -49.4102**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.3740, 36.7906, 53.1690**, and **65.3660, 45.6686, 52.2990** is the 20% darker color. If you saturate the color by 10%, you get **111.8380, 49.8729, 57.1471**, and if you desaturate by 10%, it is **139.4820, 36.2444, 41.6733**.

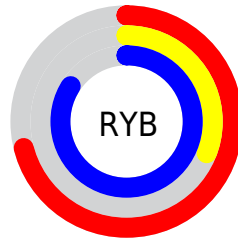
Distribution



Red (71%)

Green (31%)

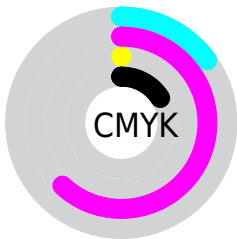
Blue (84%)



Red (71%)

Yellow (31%)

Blue (84%)

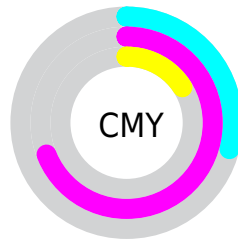


Cyan (15%)

Magenta (62%)

Yellow (0%)

Black (16%)



Cyan (29%)

Magenta (69%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 125.6600, 43.0586, 49.4102 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 125.6600, 43.0586, 49.4102 by changing the saturation by 10% instead.


 125.6600, 43.0586,
49.4102


 125.6600, 43.0586,
49.4102


255.0000, 0.0000,
0.0000


 97.3610, 43.2060,
48.7954


 180.3740, 36.7906,
53.1690


 65.3660, 45.6686,
52.2990


 200.9960, 26.6240,
47.3615


 44.2360, 42.7747,
47.1510


 217.4320, 18.5210,
32.9471

 32.9000, 35.5453,
32.5367

 234.4550, 10.1287,
18.0180

 22.5750, 28.3105,
19.6667

 251.4780, 1.7363,
3.0888

 9.6730, 22.8392,
1.1638

 5.0500, 14.2723,

-4.4289

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 125.6600, 43.0586,
49.4102

■ 125.6600, 43.0586,
49.4102

■ 111.8380, 49.8729,
57.1471

■ 139.4820, 36.2444,
41.6733

■ 97.4290, 56.9765,
65.3988

■ 153.8910, 29.1407,
33.4216

■ 83.6070, 63.7907,
73.1357

■ 167.7130, 22.3265,
25.6847

■ 73.0190, 69.0106,
78.9133

■ 181.5350, 15.5122,
17.9478

■ 195.9440, 8.4086,
9.6961

■ 209.7660, 1.5944,
1.9592

■ 223.5880, -5.2199,
-5.7777

■ 237.4100,
-12.0341, -13.5146

■ 241.8400,
-14.2181, -13.0147

Harmonies

Analogous

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



111.3890, 70.3072, -57.3462



125.6600, 43.0586, 49.4102



106.4260, 21.4820, 110.1284

Triad

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



125.6600, 43.0586, 49.4102



117.7480, -58.0498, 45.8250



109.7780, 29.6894, -96.2753

Complementary

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



125.6600, 43.0586, 49.4102



167.3400, -43.0586, -49.4102

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.



100.6240, -0.3076, -88.2472



125.6600, 43.0586, 49.4102



111.5370, -54.9877, -3.1019

Square

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



125.6600, 43.0586, 49.4102



113.0430, -51.7862, 90.2933



88.6830, -33.3677, -77.7750



114.7430, 56.3287, -100.6296

Rectangle

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



125.6600, 43.0586, 49.4102



98.7040, 3.1039, 124.7936



88.6830, -33.3677, -77.7750



107.1560, 19.6431, -93.9758

Sweetspot

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



125.6600, 43.0586, 49.4102



223.5350, 15.5122, 17.9478



113.3590, 49.1230, -29.2558



108.2970, 9.7136, 11.1405



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.



125.6600, 43.0586, 49.4102



129.4280, 61.9070, 70.6616



130.9390, 23.2011, 71.9675



99.9450, 3.4781, 4.4332



58.6630, 55.3821, 63.4395



14.7690, 13.9179, 15.9886

Inverse Universe

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



123.3010, -6.0644, 78.6660



126.1250, -8.9356, 113.0234



162.0610, -23.2011, -71.9675



99.6310, -0.3111, 6.4626



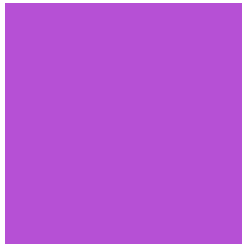
55.6890, -7.7347, 101.1277



13.9970, -1.9705, 25.4356

Previews

White Background



This preview shows how the YUV color 125.6600, 43.0586, 49.4102 looks on a white background.

Color Contrast Check

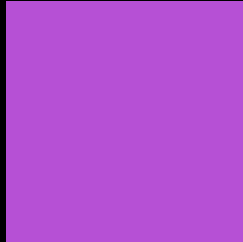
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.6600, 43.0586, 49.4102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

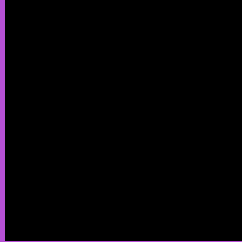
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 125.6600, 43.0586, 49.4102

Background



This preview shows how black text looks on a background with the YUV color 125.6600, 43.0586, 49.4102.



This preview shows how white text looks on a background with the YUV color 125.6600, 43.0586,

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

125.6600, 43.0586, 49.4102

Protanopia

108.3550, 71.8030, -70.4713

Deuteranopia

120.0560, 41.8774, -38.6371



Tritanopia

126.8520, -5.3500, 36.0868

Trichromacy



Original Color

125.6600, 43.0586, 49.4102



Protanomaly

114.5840, 61.3371, -26.8222



Deuteranomaly

122.0800, 42.3586, -6.2092



Tritanomaly

126.4670, 12.0948, 40.8094

Monochromacy



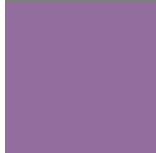
Original Color

125.6600, 43.0586, 49.4102



Achromatopsia

126.0000, 0.0000, 0.0000



Achromatomaly

125.6490, 15.9490, 17.8478

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.6600, 43.0586, 49.4102 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(182, 80, 213)` looks like.

```
.text, #text, p{  
    color:rgb(182, 80, 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(182, 80, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 80, 213) }
```

Border

The CSS property to change the border of an element to YUV 125.6600, 43.0586, 49.4102 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(182, 80, 213) }
```


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

```
.border{ border-color:rgb(182, 80, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 80, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 80, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 80, 213);  
box-shadow:4px 4px 4px 4px rgb(182, 80,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 125.6600, 43.0586, 49.4102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 80, 213) }
```

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

```
.background{ background-color: rgb(182, 80,  
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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