

Converting Colors

YUV(125.9920, 39.4439,
42.1030)

Have a look what the booklet for
YUV(125.9920, 39.4439, 42.1030)
contains.

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Color

**YUV(125.9920, 39.4439,
42.1030)**

Conversions

Conversions Part 1

Format	Color
Hex	AE56CE
RGB	174, 86, 206
RGB Percent	68%, 34%, 81%
CMY	0.3176, 0.6627, 0.1922
CMYK	0.16, 0.58, 0.00, 0.19
HSL	284°, 55%, 57%
HSV	284°, 58%, 81%
XYZ	31.9239, 20.1105, 60.5917
YIQ	125.9920, 13.9280, 55.9760

Conversions

Conversions Part 2

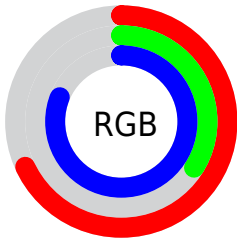
Format	Color
RYB	174, 86, 206
Decimal	11425486
CIELab	51.96, 54.62, -47.33
CIElCh	52, 72.274, 319.090
Yxy	20.1105, 0.2835, 0.1786
Android (android.graphics.Color)	4289615566 (0xFFAE56CE)
YUV	125.9920, 39.4439, 42.1030
Hunter-Lab	44.8447, 48.5918, -48.7180

Details

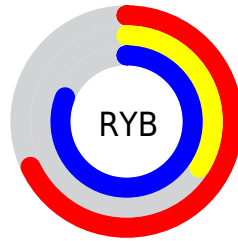
The YUV color **125.9920, 39.4439, 42.1030** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **166.0080, -39.4439, -42.1030**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.6180, 36.6703, 45.0620**, and **70.6930, 39.5914, 41.4882** is the 20% darker color. If you saturate the color by 10%, you get **112.1700, 46.2582, 49.8399**, and if you desaturate by 10%, it is **139.8140, 32.6297, 34.3661**.

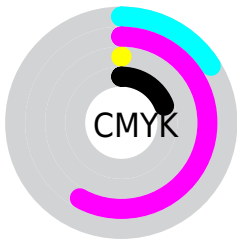
Distribution



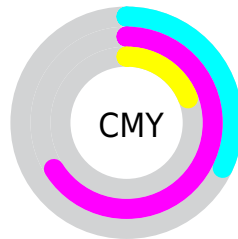
- Red (68%)
- Green (34%)
- Blue (81%)



- Red (68%)
- Yellow (34%)
- Blue (81%)



- Cyan (16%)
- Magenta (58%)
- Yellow (0%)
- Black (19%)





- Cyan (32%)
- Magenta (66%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YUV color 125.9920, 39.4439, 42.1030 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 125.9920, 39.4439, 42.1030 by changing the saturation by 10% instead.


 125.9920, 39.4439,
42.1030


 125.9920, 39.4439,
42.1030


255.0000, 0.0000,
0.0000


 98.5790, 39.1546,
41.5882


 180.6180, 36.6703,
45.0620

 70.6930, 39.5914,
41.4882


 203.3440, 25.4664,
45.3023

 41.4590, 41.1857,
43.4475


 219.7800, 17.3635,
30.8879

 30.4220, 33.8090,
29.4479

 236.8030, 8.9711,
15.9588

 20.5100, 26.8636,
17.0927

253.8260, 0.5788,
1.0296

 6.1130, 22.1293,
-4.4841

 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 125.9920, 39.4439,
42.1030

■ 125.9920, 39.4439,
42.1030

■ 112.1700, 46.2582,
49.8399

■ 139.8140, 32.6297,
34.3661

■ 98.6360, 52.9305,
56.4472

■ 153.3480, 25.9574,
27.7588

■ 84.8140, 59.7447,
64.1841

■ 167.1700, 19.1432,
20.0219

■ 71.2800, 66.4170,
70.7914

■ 180.7040, 12.4709,
13.4146

■ 68.6330, 67.7219,
72.2359

■ 194.5260, 5.6567,
5.6777

■ 208.6470, -1.3050,
-1.4444

■ 221.8820, -7.8298,
-8.6665

■ 236.0030,
-14.7915, -15.7886

■ 239.8460,
-16.6861, -14.7739

Harmonies

Analogous

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



113.5980, 63.3022, -50.5134



125.9920, 39.4439, 42.1030



113.5890, 17.4576, 94.1994

Triad

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



125.9920, 39.4439, 42.1030



116.8620, -57.6130, 45.7250



107.2190, 27.5000, -94.0311

Complementary

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



125.9920, 39.4439, 42.1030



166.0080, -39.4439, -42.1030

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.



99.2220, -0.6024, -87.0177



125.9920, 39.4439, 42.1030



111.8580, -55.1460, 1.0015

Square

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



125.9920, 39.4439, 42.1030



115.1760, -43.4708, 83.1606



89.2580, -28.7212, -74.7713



111.6140, 51.9553, -97.8855

Rectangle

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



125.9920, 39.4439, 42.1030



108.3830, -0.1888, 107.5351



89.2580, -28.7212, -74.7713



104.8250, 18.3273, -91.9315

Sweetspot

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



125.9920, 39.4439, 42.1030



226.1710, 14.2127, 14.7590



118.4640, 43.1552, -28.4709



110.6450, 8.5560, 9.0813



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.



125.9920, 39.4439, 42.1030



136.1620, 58.5871, 62.1249



132.3680, 22.4966, 64.5753



95.2330, 3.3361, 3.3037



55.4020, 54.5248, 58.4064



12.7040, 12.4709, 13.4146

Inverse Universe

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



125.5280, -3.7113, 70.5739



135.5800, -5.7089, 104.7313



159.6320, -22.4966, -64.5753



95.3320, -0.1637, 5.8478



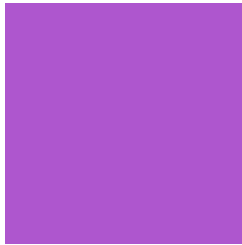
54.6500, -5.2504, 97.6539



12.5020, -1.2335, 22.3617

Previews

White Background



This preview shows how the YUV color 125.9920, 39.4439, 42.1030 looks on a white background.

Color Contrast Check

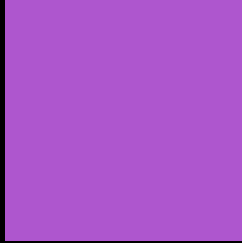
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.9920, 39.4439, 42.1030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

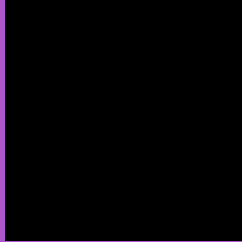
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 125.9920, 39.4439, 42.1030

Background



This preview shows how black text looks on a background with the YUV color 125.9920, 39.4439, 42.1030.



This preview shows how white text looks on a background with the YUV color 125.9920, 39.4439,

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

125.9920, 39.4439, 42.1030

Protanopia

114.1310, 61.5604, -51.8579

Deuteranopia

119.6930, 39.0984, -33.9338



Tritanopia

126.1610, -4.0234, 30.5538

Trichromacy



Original Color

125.9920, 39.4439, 42.1030



Protanomaly

118.5760, 53.4530, -18.0452



Deuteranomaly

121.9830, 39.4484, -6.1241



Tritanomaly

126.0210, 11.8216, 35.0616

Monochromacy



Original Color

125.9920, 39.4439, 42.1030



Achromatopsia

126.0000, 0.0000, 0.0000



Achromatomaly

125.5840, 14.5021, 15.2738

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.9920, 39.4439, 42.1030 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(174, 86, 206)` looks like.

```
.text, #text, p{  
    color:rgb(174, 86, 206)  
}
```

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(174, 86, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 86, 206) }
```

Border

The CSS property to change the border of an element to YUV 125.9920, 39.4439, 42.1030 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(174, 86, 206) }
```


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

```
.border{ border-color:rgb(174, 86, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 86, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 86, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 86, 206);  
box-shadow:4px 4px 4px 4px rgb(174, 86,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 125.9920, 39.4439, 42.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 86, 206) }
```

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

```
.background{ background-color: rgb(174, 86,  
206) }
```

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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