

Converting Colors

YUV(133.7150, 39.5805,
44.9769)

Have a look what the booklet for
YUV(133.7150, 39.5805, 44.9769)
contains.

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Color

**YUV(133.7150, 39.5805,
44.9769)**

Conversions

Conversions Part 1

Format	Color
Hex	B95CD6
RGB	185, 92, 214
RGB Percent	73%, 36%, 84%
CMY	0.2745, 0.6392, 0.1608
CMYK	0.14, 0.57, 0.00, 0.16
HSL	286°, 60%, 60%
HSV	286°, 57%, 84%
XYZ	35.9723, 22.8236, 66.1278
YIQ	133.7150, 16.2660, 57.6580

Conversions

Conversions Part 2

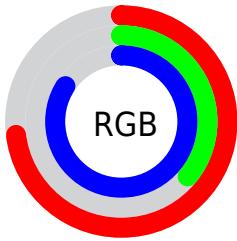
Format	Color
RYB	185, 92, 214
Decimal	12147926
CIELab	54.89, 56.11, -47.15
CIELCh	55, 73.287, 319.961
Yxy	22.8236, 0.2880, 0.1827
Android (android.graphics.Color)	4290338006 (0xFFB95CD6)
YUV	133.7150, 39.5805, 44.9769
Hunter-Lab	47.7741, 50.8001, -48.6260

Details

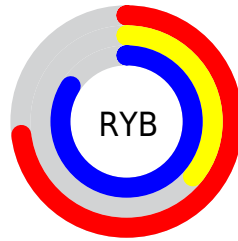
The YUV color **133.7150, 39.5805, 44.9769** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **172.2850, -39.5805, -44.9769**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.4290, 33.3125, 48.7358**, and **78.4160, 39.7279, 44.3622** is the 20% darker color. If you saturate the color by 10%, you get **119.8930, 46.3948, 52.7138**, and if you desaturate by 10%, it is **147.5370, 32.7663, 37.2401**.

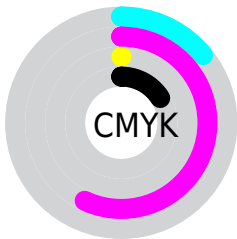
Distribution



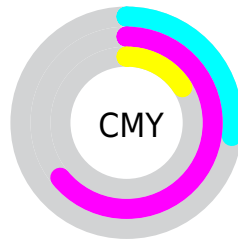
- Red (73%)
- Green (36%)
- Blue (84%)



- Red (73%)
- Yellow (36%)
- Blue (84%)



- Cyan (14%)
- Magenta (57%)
- Yellow (0%)
- Black (16%)





- Cyan (27%)
- Magenta (64%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 133.7150, 39.5805, 44.9769 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 133.7150, 39.5805, 44.9769 by changing the saturation by 10% instead.


 133.7150, 39.5805,
44.9769


 133.7150, 39.5805,
44.9769


255.0000, 0.0000,
0.0000


 106.3020, 39.2911,
44.4621


 187.4290, 33.3125,
48.7358


 78.4160, 39.7279,
44.3622


 207.4530, 23.4407,
41.6987


 45.2470, 42.7692,
48.8954

 223.8890, 15.3377,
27.2843

 34.2100, 35.3925,
34.8958

 240.9120, 6.9454,
12.3552

 23.5860, 28.3051,
21.4111

 12.8910, 22.2387,
7.1116

 5.1640, 14.7091,

-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 133.7150, 39.5805,
44.9769

■ 133.7150, 39.5805,
44.9769

■ 119.8930, 46.3948,
52.7138

■ 147.5370, 32.7663,
37.2401

■ 105.4840, 53.4984,
60.9655

■ 161.9460, 25.6626,
28.9884

■ 91.6620, 60.3126,
68.7024

■ 175.7680, 18.8484,
21.2515

■ 77.2530, 67.4163,
76.9541

■ 190.1770, 11.7447,
12.9998

73.1330, 69.4474,
78.8134

203.9990, 4.9305,
5.2629

218.1200, -2.0312,
-1.8592

232.5290, -9.1348,
-10.1109

241.6550,
-13.6339, -13.7294

243.1500,
-14.3710, -10.6556

Harmonies

Analogous

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



123.0440, 63.5753, -44.7656



133.7150, 39.5805, 44.9769



122.3720, 16.5786, 96.1438

Triad

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



133.7150, 39.5805, 44.9769



123.6510, -60.9599, 45.9101



113.0550, 29.5529, -99.1492

Complementary

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



133.7150, 39.5805, 44.9769



172.2850, -39.5805, -44.9769

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.



104.9440, 1.0136, -92.0359



133.7150, 39.5805, 44.9769



118.3480, -58.3456, 0.5718

Square

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



133.7150, 39.5805, 44.9769



123.0190, -45.3654, 84.1753



96.7740, -27.9896, -76.1008



117.5640, 54.4449, -103.1036

Rectangle

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



133.7150, 39.5805, 44.9769



117.5250, -2.2308, 109.1646



96.7740, -27.9896, -76.1008



110.6610, 20.3801, -97.0497

Sweetspot

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



133.7150, 39.5805, 44.9769



226.7690, 13.9179, 15.9886



124.1050, 44.3182, -28.1561



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.



133.7150, 39.5805, 44.9769



141.1900, 56.1083, 63.8544



138.9660, 22.2018, 65.8048



99.9450, 3.4781, 4.4332



58.3640, 55.5295, 62.8248



14.7690, 13.9179, 15.9886

Inverse Universe

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



131.7840, -5.3165, 72.1034



138.4010, -7.5927, 102.2573



167.1480, -21.7650, -65.9048



99.6310, -0.3111, 6.4626



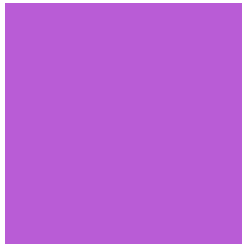
55.8030, -7.2979, 101.0278



13.9970, -1.9705, 25.4356

Previews

White Background



This preview shows how the YUV color 133.7150, 39.5805, 44.9769 looks on a white background.

Color Contrast Check

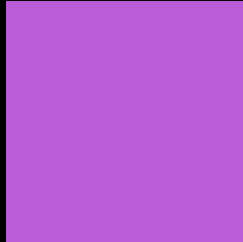
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.7150, 39.5805, 44.9769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

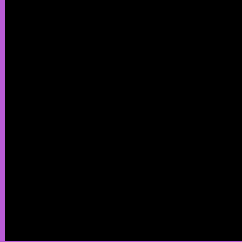
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.7150, 39.5805, 44.9769

Background



This preview shows how black text looks on a background with the YUV color 133.7150, 39.5805, 44.9769.



This preview shows how white text looks on a background with the YUV color 133.7150, 39.5805,

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

133.7150, 39.5805, 44.9769

Protanopia

123.4410, 61.4076, -49.4988

Deuteranopia

128.2910, 38.8035, -32.7042



Tritanopia

133.7700, -4.3236, 33.5277

Trichromacy



Original Color

133.7150, 39.5805, 44.9769



Protanomaly

127.2990, 53.5896, -15.1712



Deuteranomaly

129.9940, 39.4430, -4.3797



Tritanomaly

133.6300, 11.5214, 38.0355

Monochromacy



Original Color

133.7150, 39.5805, 44.9769



Achromatopsia

134.0000, 0.0000, 0.0000



Achromatomaly

134.1820, 14.2073, 16.5034

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.7150, 39.5805, 44.9769 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, 92, 214)` looks like.

```
.text, #text, p{  
    color:rgb(185, 92, 214)  
}
```

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, 92, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 92, 214) }
```

Border

The CSS property to change the border of an element to YUV 133.7150, 39.5805, 44.9769 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, 92, 214) }
```


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

```
.border{ border-color:rgb(185, 92, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 92, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 92, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 92, 214);  
box-shadow:4px 4px 4px 4px rgb(185, 92,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 133.7150, 39.5805, 44.9769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 92, 214) }
```

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

```
.background{ background-color: rgb(185, 92,  
214) }
```

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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