

Converting Colors

YUV(129.8060, 44.9586,
46.6511)

Have a look what the booklet for
YUV(129.8060, 44.9586, 46.6511)
contains.

YUV(129.8060, 44.9586, 46.6511)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(129.8060, 44.9586,
46.6511)**

Conversions

Conversions Part 1

Format	Color
Hex	B755DD
RGB	183, 85, 221
RGB Percent	72%, 33%, 87%
CMY	0.2824, 0.6667, 0.1333
CMYK	0.17, 0.62, 0.00, 0.13
HSL	283°, 67%, 60%
HSV	283°, 62%, 87%
XYZ	35.8281, 21.7847, 70.7231
YIQ	129.8060, 14.7520, 63.0720

Conversions

Conversions Part 2

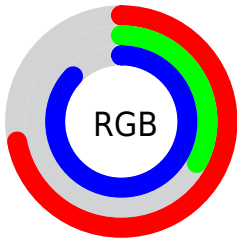
Format	Color
RYB	183, 85, 221
Decimal	12015069
CIELab	53.80, 60.33, -52.87
CIELCh	54, 80.218, 318.775
Yxy	21.7847, 0.2792, 0.1697
Android (android.graphics.Color)	4290205149 (0xFFB755DD)
YUV	129.8060, 44.9586, 46.6511
Hunter-Lab	46.6741, 55.3408, -57.1675

Details

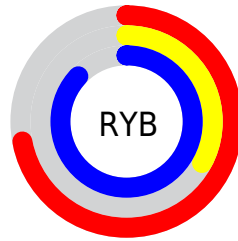
The YUV color **129.8060, 44.9586, 46.6511** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **176.1940, -44.9586, -46.6511**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.6080, 35.1963, 51.2098**, and **71.7460, 45.9742, 47.5808** is the 20% darker color. If you saturate the color by 10%, you get **115.0980, 52.2097, 54.2881**, and if you desaturate by 10%, it is **144.5140, 37.7076, 39.0142**.

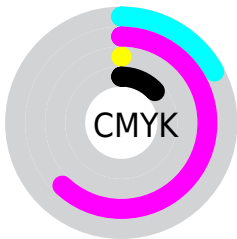
Distribution



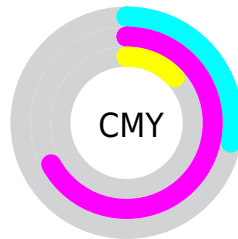
- Red (72%)
- Green (33%)
- Blue (87%)



- Red (72%)
- Yellow (33%)
- Blue (87%)



- Cyan (17%)
- Magenta (62%)
- Yellow (0%)
- Black (13%)




- Cyan (28%)
- Magenta (67%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 129.8060, 44.9586, 46.6511 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 129.8060, 44.9586, 46.6511 by changing the saturation by 10% instead.


 129.8060, 44.9586,
46.6511


 129.8060, 44.9586,
46.6511


255.0000, 0.0000,
0.0000


 101.5070, 45.1060,
46.0364


 183.6080, 35.1963,
51.2098

 71.7460, 45.9742,
47.5808


 203.9310, 25.1770,
44.7875

 45.3330, 45.6848,
47.0660

 220.3670, 17.0741,
30.3731

 33.9970, 38.4555,
32.4516

 237.3900, 8.6817,
15.4440

 23.0740, 31.5155,
18.3521

254.4130, 0.2894,
0.5148

 10.7700, 25.7494,
1.0787

 6.3210, 16.6037,

-5.5435

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 129.8060, 44.9586,
46.6511

■ 129.8060, 44.9586,
46.6511

■ 115.0980, 52.2097,
54.2881

■ 144.5140, 37.7076,
39.0142

■ 100.3900, 59.4607,
61.9250

■ 159.2220, 30.4566,
31.3773

■ 85.3830, 66.8592,
68.9471

■ 174.2290, 23.0581,
24.3552

■ 72.7350, 73.0946,
75.6544

■ 188.9370, 15.8071,
16.7183

203.6450, 8.5560,
9.0813

218.9400, 1.0156,
0.9296

233.6480, -6.2355,
-6.7073

244.2470,
-11.4608, -10.7406

246.3400,
-12.4926, -6.4372

Harmonies

Analogous

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



108.7570, 72.0978, -71.7009



129.8060, 44.9586, 46.6511



111.4690, 22.9398, 109.2137

Triad

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



129.8060, 44.9586, 46.6511



121.0150, -59.6604, 49.0988



112.2400, 28.9687, -98.4345

Complementary

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



129.8060, 44.9586, 46.6511



176.1940, -44.9586, -46.6511

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.



102.8580, -1.9020, -90.2065



129.8060, 44.9586, 46.6511



115.3910, -56.8878, -0.3429

Square

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



129.8060, 44.9586, 46.6511



116.6350, -49.6131, 93.2821



90.5750, -36.2725, -79.4343



117.4330, 56.4815, -102.9887

Rectangle

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



129.8060, 44.9586, 46.6511



102.4700, 4.6983, 126.7528



90.5750, -36.2725, -79.4343



109.6180, 18.9223, -96.1350

Sweetspot

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



129.8060, 44.9586, 46.6511



224.1110, 15.2283, 15.6887



123.3970, 48.1183, -33.6742



108.5850, 9.5716, 10.0110



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.



129.8060, 44.9586, 46.6511



128.2100, 62.5075, 64.7138



137.8620, 26.6900, 72.9120



102.6460, 3.6255, 3.8185



57.0970, 57.1402, 59.5509



15.1110, 15.2283, 15.6887

Inverse Universe

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



129.9960, -3.4490, 79.8105



128.5530, -4.7096, 110.8940



168.1380, -26.6900, -72.9120



102.6310, -0.3111, 6.4626



57.1990, -4.5351, 101.5575



15.2360, -1.1023, 26.9800

Previews

White Background



This preview shows how the YUV color 129.8060, 44.9586, 46.6511 looks on a white background.

Color Contrast Check

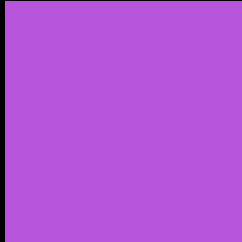
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.8060, 44.9586, 46.6511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

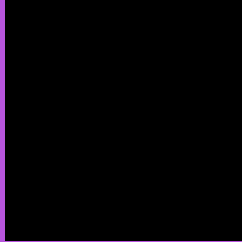
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 129.8060, 44.9586, 46.6511

Background



This preview shows how black text looks on a background with the YUV color 129.8060, 44.9586, 46.6511.



This preview shows how white text looks on a background with the YUV color 129.8060, 44.9586, 46.6511.

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

129.8060, 44.9586, 46.6511

Protanopia

115.9000, 68.5763, -62.1793

Deuteranopia

123.0170, 44.3616, -42.1109



Tritanopia

130.4710, -4.1762, 32.9129

Trichromacy



Original Color

129.8060, 44.9586, 46.6511



Protanomaly

120.6770, 60.3052, -22.5187



Deuteranomaly

125.6280, 44.5534, -10.1978



Tritanomaly

130.2000, 13.7054, 37.5356

Monochromacy



Original Color

129.8060, 44.9586, 46.6511



Achromatopsia

130.0000, 0.0000, 0.0000



Achromatomaly

130.0510, 16.2439, 16.6183

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.8060, 44.9586, 46.6511 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, 85, 221)` looks like.

```
.text, #text, p{  
    color:rgb(183, 85, 221)  
}
```

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, 85, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 85, 221) }
```

Border

The CSS property to change the border of an element to YUV 129.8060, 44.9586, 46.6511 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, 85, 221) }
```


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

```
.border{ border-color:rgb(183, 85, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 85, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 85, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 85, 221); box-shadow:4px 4px 4px 4px rgb(183, 85, 221) }
```

Background

The CSS property to change the background color of an element to YUV 129.8060, 44.9586, 46.6511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 85, 221) }
```

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

```
.background{ background-color: rgb(183, 85,  
221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor