

Converting Colors

YUV(129.9880, 35.5019,
46.4915)

Have a look what the booklet for
YUV(129.9880, 35.5019, 46.4915)
contains.

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Color

**YUV(129.9880, 35.5019,
46.4915)**

Conversions

Conversions Part 1

Format	Color
Hex	B759CA
RGB	183, 89, 202
RGB Percent	72%, 35%, 79%
CMY	0.2824, 0.6510, 0.2078
CMYK	0.09, 0.56, 0.00, 0.21
HSL	290°, 52%, 57%
HSV	290°, 56%, 79%
XYZ	33.7615, 21.4763, 58.2430
YIQ	129.9880, 19.7510, 55.0710

Conversions

Conversions Part 2

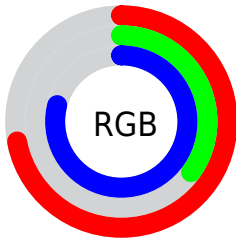
Format	Color
R _{YB}	183, 89, 202
Decimal	12016074
CIE Lab	53.47, 54.68, -42.58
CIE LCh	53, 69.303, 322.090
Yxy	21.4763, 0.2975, 0.1893
Android (android.graphics.Color)	4290206154 (0xFFB759CA)
YUV	129.9880, 35.5019, 46.4915
Hunter-Lab	46.3425, 48.9415, -42.0756

Details

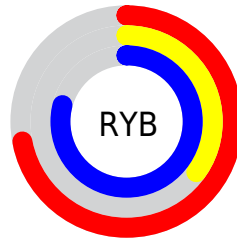
The YUV color **129.9880, 35.5019, 46.4915** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **161.0120, -35.5019, -46.4915**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.0700, 34.4755, 49.0506**, and **74.6890, 35.6493, 45.8767** is the 20% darker color. If you saturate the color by 10%, you get **117.3510, 41.7320, 54.9432**, and if you desaturate by 10%, it is **142.6250, 29.2719, 38.0399**.

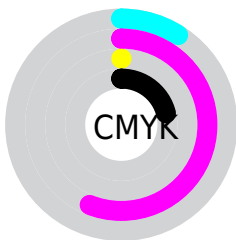
Distribution



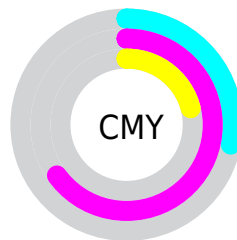
- Red (72%)
- Green (35%)
- Blue (79%)



- Red (72%)
- Yellow (35%)
- Blue (79%)



- Cyan (9%)
- Magenta (56%)
- Yellow (0%)
- Black (21%)



- Cyan (28%)
- Magenta (65%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.9880, 35.5019, 46.4915 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 129.9880, 35.5019, 46.4915 by changing the saturation by 10% instead.

■ 129.9880, 35.5019,
46.4915

■ 129.9880, 35.5019,
46.4915

255.0000, 0.0000,
0.0000

■ 102.5750, 35.2125,
45.9767

■ 185.0700, 34.4755,
49.0506

■ 74.6890, 35.6493,
45.8767

■ 205.6920, 24.3088,
43.2431

■ 43.6940, 38.1119,
49.3804

■ 222.1280, 16.2059,
28.8287

■ 32.7710, 31.1719,
35.2808

■ 239.1510, 7.8136,
13.8996

■ 22.4460, 23.9371,
22.4109

■ 11.4520, 18.0182,
7.4966

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 129.9880, 35.5019,
46.4915

■ 129.9880, 35.5019,
46.4915

■ 117.3510, 41.7320,
54.9432

■ 142.6250, 29.2719,
38.0399

■ 104.4150, 48.1094,
62.7800

■ 155.5610, 22.8944,
30.2030

■ 91.1910, 54.6288,
71.7465

■ 168.7850, 16.3750,
21.2366

■ 78.2550, 61.0063,
79.5834

■ 181.7210, 9.9975,
13.3997

■ 73.2600, 63.4688,
83.0870

■ 194.3580, 3.7675,
4.9480

■ 206.9950, -2.4625,
-3.5036

■ 219.9310, -8.8400,
-11.3405

■ 233.1550,
-15.3594, -20.3069

■ 236.6990,
-17.1066, -19.9070

Harmonies

Analogous

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



123.4110, 56.9854, -31.0554



129.9880, 35.5019, 46.4915



120.3130, 12.6637, 91.8105

Triad

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



129.9880, 35.5019, 46.4915



120.3730, -59.3439, 40.8919



109.8920, 30.1262, -96.3753

Complementary

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



129.9880, 35.5019, 46.4915



161.0120, -35.5019, -46.4915

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.



102.2370, 3.3342, -89.6618



129.9880, 35.5019, 46.4915



114.4940, -56.4455, -2.1872

Square

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



129.9880, 35.5019, 46.4915



120.5020, -44.6175, 77.6127



92.2340, -22.3004, -80.8892



113.9450, 53.2711, -99.9298

Rectangle

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



129.9880, 35.5019, 46.4915



116.6720, -5.2613, 101.1427



92.2340, -22.3004, -80.8892



107.6120, 21.3903, -94.3757

Sweetspot

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



129.9880, 35.5019, 46.4915



227.6660, 13.4757, 17.8329



114.2090, 43.2810, -22.1083



111.2430, 8.2612, 10.3109



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.



129.9880, 35.5019, 46.4915



145.9520, 53.7607, 70.2021



131.5650, 16.9765, 61.7715



95.5320, 3.1887, 3.9184



60.1860, 52.1663, 68.2429



13.9000, 11.8813, 15.8737

Inverse Universe

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



124.9530, -8.3578, 67.5702



138.4350, -12.5395, 102.2275



159.4350, -16.9765, -61.7715



95.2180, -0.6005, 5.9478



52.8260, -12.2392, 99.2536



12.0460, -2.9807, 22.7617

Previews

White Background



This preview shows how the YUV color 129.9880, 35.5019, 46.4915 looks on a white background.

Color Contrast Check

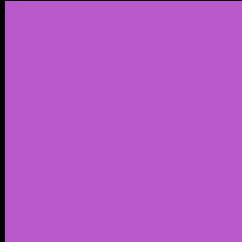
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.9880, 35.5019, 46.4915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

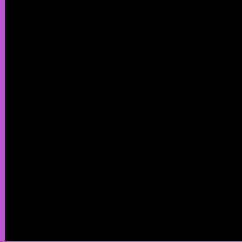
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 129.9880, 35.5019, 46.4915

Background



This preview shows how black text looks on a background with the YUV color 129.9880, 35.5019, 46.4915.



This preview shows how white text looks on a background with the YUV color 129.9880, 35.5019,

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

129.9880, 35.5019, 46.4915

Protanopia

121.1060, 56.1497, -43.0660

Deuteranopia

126.0700, 33.9825, -26.3714



Tritanopia

130.1510, -5.4974, 36.7016

Trichromacy



Original Color

129.9880, 35.5019, 46.4915



Protanomaly

124.0670, 48.7740, -10.5828



Deuteranomaly

127.7620, 34.6273, 0.2087



Tritanomaly

130.0710, 9.3320, 40.2797

Monochromacy



Original Color

129.9880, 35.5019, 46.4915



Achromatopsia

130.0000, 0.0000, 0.0000



Achromatomaly

129.8400, 12.8969, 16.8033

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.9880, 35.5019, 46.4915 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, 89, 202)` looks like.

```
.text, #text, p{  
    color:rgb(183, 89, 202)  
}
```

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, 89, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 89, 202) }
```

Border

The CSS property to change the border of an element to YUV 129.9880, 35.5019, 46.4915 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, 89, 202) }
```


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

```
.border{ border-color:rgb(183, 89, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 89, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 89, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 89, 202);  
box-shadow:4px 4px 4px 4px rgb(183, 89,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 129.9880, 35.5019, 46.4915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 89, 202) }
```

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

```
.background{ background-color: rgb(183, 89,  
202) }
```

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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