

Converting Colors

YUV(129.2850, 41.7645,
44.4771)

Have a look what the booklet for
YUV(129.2850, 41.7645, 44.4771)
contains.

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Color

**YUV(129.2850, 41.7645,
44.4771)**

Conversions

Conversions Part 1

Format	Color
Hex	B457D6
RGB	180, 87, 214
RGB Percent	71%, 34%, 84%
CMY	0.2941, 0.6588, 0.1608
CMYK	0.16, 0.59, 0.00, 0.16
HSL	284°, 61%, 59%
HSV	284°, 59%, 84%
XYZ	34.3682, 21.3747, 65.9327
YIQ	129.2850, 14.6610, 59.2130

Conversions

Conversions Part 2

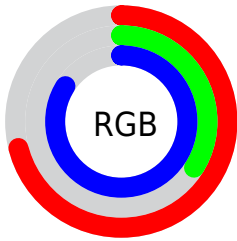
Format	Color
RYB	180, 87, 214
Decimal	11818966
CIELab	53.36, 57.26, -49.62
CIElCh	53, 75.769, 319.087
Yxy	21.3747, 0.2825, 0.1757
Android (android.graphics.Color)	4290009046 (0xFFB457D6)
YUV	129.2850, 41.7645, 44.4771
Hunter-Lab	46.2328, 51.7845, -52.1906

Details

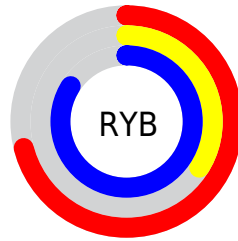
The YUV color **129.2850, 41.7645, 44.4771** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **171.7150, -41.7645, -44.4771**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.9990, 35.4965, 48.2359**, and **72.8120, 42.4907, 44.8919** is the 20% darker color. If you saturate the color by 10%, you get **115.1640, 48.7261, 51.5992**, and if you desaturate by 10%, it is **143.4060, 34.8028, 37.3549**.

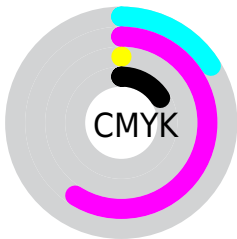
Distribution



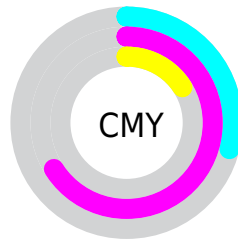
- Red (71%)
- Green (34%)
- Blue (84%)



- Red (71%)
- Yellow (34%)
- Blue (84%)



- Cyan (16%)
- Magenta (59%)
- Yellow (0%)
- Black (16%)



- Cyan (29%)
- Magenta (66%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.2850, 41.7645, 44.4771 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 129.2850, 41.7645, 44.4771 by changing the saturation by 10% instead.

129.2850, 41.7645,
44.4771

129.2850, 41.7645,
44.4771

255.0000, 0.0000,
0.0000

101.8720, 41.4751,
43.9623

182.9990, 35.4965,
48.2359

72.8120, 42.4907,
44.8919

204.5180, 24.8876,
44.2727

43.7520, 43.5063,
45.8215

220.9540, 16.7847,
29.8583

32.7150, 36.1295,
31.8219

237.9770, 8.3923,
14.9292

22.0910, 29.0421,
18.3372

9.7870, 23.2760,
1.0638

5.1640, 14.7091,

-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 129.2850, 41.7645,
44.4771

■ 129.2850, 41.7645,
44.4771

■ 115.1640, 48.7261,
51.5992

■ 143.4060, 34.8028,
37.3549

■ 100.7550, 55.8298,
59.8509

■ 157.8150, 27.6992,
29.1032

■ 86.6340, 62.7914,
66.9730

■ 171.9360, 20.7376,
21.9811

■ 71.9260, 70.0425,
74.6099

■ 186.6440, 13.4865,
14.3442

71.3390, 70.3319,
75.1247

200.7650, 6.5249,
7.2221

214.5870, -0.2894,
-0.5148

229.2950, -7.5404,
-8.1517

241.6550,
-13.6339, -13.7294

243.4490,
-14.5184, -10.0408

Harmonies

Analogous

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



115.0040, 67.5390, -56.1315



129.2850, 41.7645, 44.4771



115.0890, 19.1831, 100.7769

Triad

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



129.2850, 41.7645, 44.4771



120.1180, -59.2182, 47.2545



110.7240, 28.2371, -97.1049

Complementary

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



129.2850, 41.7645, 44.4771



171.7150, -41.7645, -44.4771

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.



101.9120, -0.4496, -89.3768



129.2850, 41.7645, 44.4771



114.8040, -56.5984, 0.1719

Square

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



129.2850, 41.7645, 44.4771



117.8130, -46.2498, 87.8640



90.6550, -30.8889, -79.5044



115.5750, 54.4395, -101.3593

Rectangle

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



129.2850, 41.7645, 44.4771



109.0680, 0.9525, 114.8274



90.6550, -30.8889, -79.5044



108.2160, 18.6275, -94.9054

Sweetspot

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



129.2850, 41.7645, 44.4771



224.4100, 15.0809, 16.3034



122.6100, 45.0553, -31.2300



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.



129.2850, 41.7645, 44.4771



134.4010, 59.4553, 63.6693



136.2590, 24.5223, 68.1789



99.6460, 3.6255, 3.8185



56.8690, 56.2666, 59.7509



14.4700, 14.0653, 15.3738

Inverse Universe

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



128.8490, -3.8696, 74.6774



133.5910, -5.7144, 106.4757



164.7410, -24.5223, -68.1789



99.6310, -0.3111, 6.4626



56.3730, -5.1139, 100.5279



14.2250, -1.0969, 25.2357

Previews

White Background



This preview shows how the YUV color 129.2850, 41.7645, 44.4771 looks on a white background.

Color Contrast Check

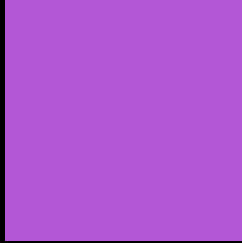
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.2850, 41.7645, 44.4771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

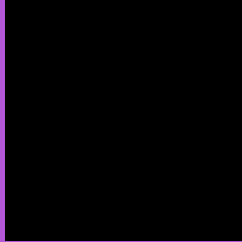
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 129.2850, 41.7645, 44.4771

Background



This preview shows how black text looks on a background with the YUV color 129.2850, 41.7645, 44.4771.



This preview shows how white text looks on a background with the YUV color 129.2850, 41.7645, 44.4771.

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

129.2850, 41.7645, 44.4771

Protanopia

116.2380, 65.9447, -58.0907

Deuteranopia

122.8390, 40.9984, -36.6928



Tritanopia

129.7590, -4.3182, 31.7834

Trichromacy



Original Color

129.2850, 41.7645, 44.4771



Protanomaly

121.1780, 57.1002, -21.2041



Deuteranomaly

125.1400, 41.3430, -7.1388



Tritanomaly

129.8470, 12.4004, 36.0912

Monochromacy



Original Color

129.2850, 41.7645, 44.4771



Achromatopsia

129.0000, 0.0000, 0.0000



Achromatomaly

129.4100, 15.0809, 16.3034

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.2850, 41.7645, 44.4771 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(180, 87, 214)` looks like.

```
.text, #text, p{  
    color:rgb(180, 87, 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(180, 87, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 87, 214) }
```

Border

The CSS property to change the border of an element to YUV 129.2850, 41.7645, 44.4771 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(180, 87, 214) }
```


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

```
.border{ border-color:rgb(180, 87, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 87, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 87, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 87, 214);  
box-shadow:4px 4px 4px 4px rgb(180, 87,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 129.2850, 41.7645, 44.4771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 87, 214) }
```

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

```
.background{ background-color: rgb(180, 87,  
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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