

Converting Colors

YUV(126.7810, 56.3100,
45.7961)

Have a look what the booklet for
YUV(126.7810, 56.3100, 45.7961)
contains.

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Color

**YUV(126.7810, 56.3100,
45.7961)**

Conversions

Conversions Part 1

Format	Color
Hex	B34EF1
RGB	179, 78, 241
RGB Percent	70%, 31%, 95%
CMY	0.2980, 0.6941, 0.0549
CMYK	0.26, 0.68, 0.00, 0.05
HSL	277°, 85%, 63%
HSV	277°, 68%, 95%
XYZ	37.1920, 21.3834, 85.3863
YIQ	126.7810, 7.8730, 72.1050

Conversions

Conversions Part 2

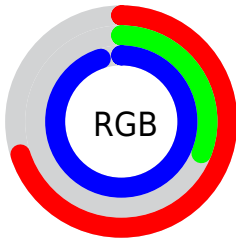
Format	Color
RYB	179, 78, 241
Decimal	11751153
CIELab	53.37, 66.72, -64.84
CIELCh	53, 93.033, 315.820
Yxy	21.3834, 0.2583, 0.1485
Android (android.graphics.Color)	4289941233 (0xFFB34EF1)
YUV	126.7810, 56.3100, 45.7961
Hunter-Lab	46.2421, 62.6416, -77.1097

Details

The YUV color **126.7810, 56.3100, 45.7961** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light washed purple. A complement of this color would be **192.2190, -56.3100, -45.7961**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.1890, 37.3748, 52.4542**, and **62.4380, 59.9301, 51.3589** is the 20% darker color. If you saturate the color by 10%, you get **110.0020, 64.5820, 52.6182**, and if you desaturate by 10%, it is **143.5600, 48.0379, 38.9739**.

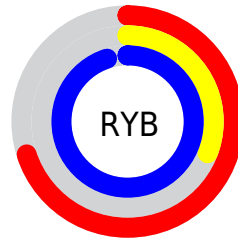
Distribution



Red (70%)

Green (31%)

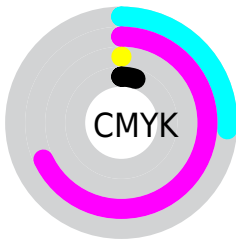
Blue (95%)



Red (70%)

Yellow (31%)

Blue (95%)

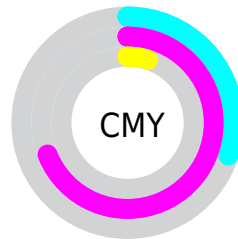


Cyan (26%)

Magenta (68%)

Yellow (0%)

Black (5%)



Cyan (30%)

Magenta (69%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.7810, 56.3100, 45.7961 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 126.7810, 56.3100, 45.7961 by changing the saturation by 10% instead.

■ 126.7810, 56.3100,
45.7961

■ 126.7810, 56.3100,
45.7961

■ 255.0000, 0.0000,
0.0000

■ 97.7810, 56.3100,
45.7961

■ 179.1890, 37.3748,
52.4542

■ 62.4380, 59.9301,
51.3589

■ 200.4090, 26.9134,
47.8763

■ 45.2920, 54.5790,
40.9629

■ 216.8450, 18.8104,
33.4619

■ 33.2440, 47.2077,
25.2190

■ 233.8680, 10.4181,
18.5328

■ 21.0110, 40.4206,
8.7604

■ 251.4780, 1.7363,
3.0888

■ 8.8920, 34.0702,
-7.7983

■ 9.0910, 22.1401,

-7.9728

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 126.7810, 56.3100,
45.7961

■ 126.7810, 56.3100,
45.7961

■ 110.0020, 64.5820,
52.6182

■ 143.5600, 48.0379,
38.9739

■ 93.2230, 72.8541,
59.4404

■ 160.3390, 39.7659,
32.1517

■ 76.1450, 81.2735,
65.6478

■ 177.4170, 31.3464,
25.9443

■ 72.0250, 83.3047,
67.5071

■ 194.1960, 23.0744,
19.1221

211.5620, 14.5129,
11.7851

228.3410, 6.2409,
4.9629

245.1200, -2.0312,
-1.8592

252.5070, -5.6730,
-0.4446

253.4040, -6.1152,
1.3997

Harmonies

Analogous

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



101.8580, 75.4990, -89.3295



126.7810, 56.3100, 45.7961



93.1190, 37.4093, 134.9536

Triad

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



126.7810, 56.3100, 45.7961



120.1840, -59.2507, 57.7206



113.1860, 27.5163, -99.2641

Complementary

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



126.7810, 56.3100, 45.7961



192.2190, -56.3100, -45.7961

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.



101.8490, -8.3066, -89.3216



126.7810, 56.3100, 45.7961



115.1030, -56.7458, 0.7867

Square

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



126.7810, 56.3100, 45.7961



106.6700, -52.5883, 114.2994



88.6370, -43.6980, -77.7346



120.4480, 60.4181, -105.6329

Rectangle

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



126.7810, 56.3100, 45.7961



89.4690, 13.0798, 145.1707



88.6370, -43.6980, -77.7346



109.5210, 16.0121, -96.0499

Sweetspot

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



126.7810, 56.3100, 45.7961



219.3820, 17.5597, 14.5740



132.9760, 53.2558, -48.2140



106.2150, 10.7400, 8.5814



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.



126.7810, 56.3100, 45.7961



109.8700, 71.5491, 57.9960



143.1530, 38.8716, 85.8118



111.4610, 4.2097, 3.1037



55.0620, 63.5664, 51.6886



16.8490, 19.3014, 15.9184

Inverse Universe

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



133.8050, 3.0541, 94.0100



118.8990, 3.9938, 119.3606



175.8470, -38.8716, -85.8118



112.0440, -0.0217, 6.9774



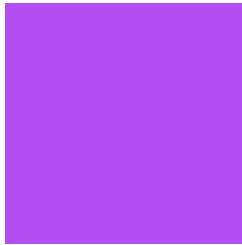
62.9960, 3.4530, 106.1205



19.1380, 0.9180, 32.3280

Previews

White Background



This preview shows how the YUV color 126.7810, 56.3100, 45.7961 looks on a white background.

Color Contrast Check

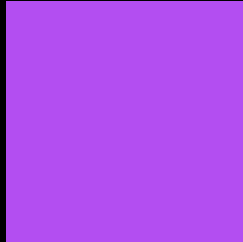
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.7810, 56.3100, 45.7961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

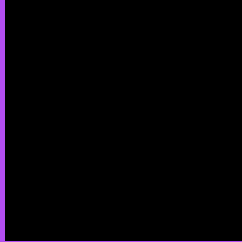
Any Text WCAG AA ✓ Pass

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 126.7810, 56.3100, 45.7961 Background



This preview shows how black text looks on a background with the YUV color 126.7810, 56.3100, 45.7961.



This preview shows how white text looks on a background with the YUV color 126.7810, 56.3100,

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

126.7810, 56.3100, 45.7961

Protanopia

112.0350, 70.4817, -66.6827

Deuteranopia

102.5300, 62.8427, -89.9188



Tritanopia

129.4810, -2.7021, 26.7652

Trichromacy



Original Color

126.7810, 56.3100, 45.7961



Protanomaly

117.6210, 65.2628, -25.9776



Deuteranomaly

111.2680, 60.5069, -40.5770



Tritanomaly

128.8450, 18.8104, 33.4619

Monochromacy



Original Color

126.7810, 56.3100, 45.7961



Achromatopsia

127.0000, 0.0000, 0.0000



Achromatomaly

126.7890, 20.3170, 16.8480

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.7810, 56.3100, 45.7961 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(179, 78, 241)` looks like.

```
.text, #text, p{  
    color:rgb(179, 78, 241)  
}
```

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(179, 78, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 78, 241) }
```

Border

The CSS property to change the border of an element to YUV 126.7810, 56.3100, 45.7961 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(179, 78, 241) }
```


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

```
.border{ border-color:rgb(179, 78, 241) }
```

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

Here you see how a box with a 4 pixel rgb(179, 78, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 78, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 78, 241);  
box-shadow:4px 4px 4px 4px rgb(179, 78,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 126.7810, 56.3100, 45.7961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 78, 241) }
```

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

```
.background{ background-color: rgb(179, 78,  
241) }
```

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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