

Converting Colors

YUV(120.1130, 45.7933,
12.1789)

Have a look what the booklet for
YUV(120.1130, 45.7933, 12.1789)
contains.

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Color

**YUV(120.1130, 45.7933,
12.1789)**

Conversions

Conversions Part 1

Format	Color
Hex	865FD5
RGB	134, 95, 213
RGB Percent	53%, 37%, 84%
CMY	0.4745, 0.6275, 0.1647
CMYK	0.37, 0.55, 0.00, 0.16
HSL	260°, 58%, 60%
HSV	260°, 55%, 84%
XYZ	25.9340, 18.0568, 65.0692
YIQ	120.1130, -14.6340, 44.9660

Conversions

Conversions Part 2

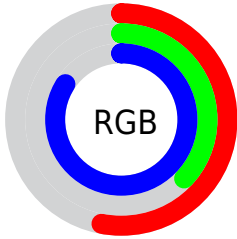
Format	Color
RYB	134, 95, 213
Decimal	8806357
CIELab	49.56, 41.69, -55.42
CIELCh	50, 69.351, 306.955
Yxy	18.0568, 0.2378, 0.1656
Android (android.graphics.Color)	4286996437 (0xFF865FD5)
YUV	120.1130, 45.7933, 12.1789
Hunter-Lab	42.4933, 34.5763, -61.0443

Details

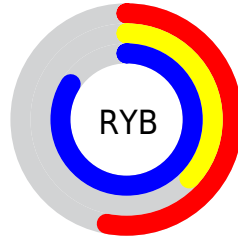
The YUV color **120.1130, 45.7933, 12.1789** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **187.8870, -45.7933, -12.1789**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.4680, 40.6883, 16.2526**, and **68.2220, 43.7676, 8.5753** is the 20% darker color. If you saturate the color by 10%, you get **103.6000, 53.9342, 14.3828**, and if you desaturate by 10%, it is **136.6260, 37.6524, 9.9750**.

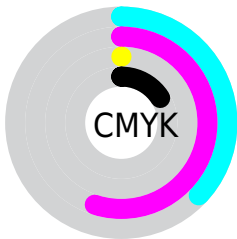
Distribution



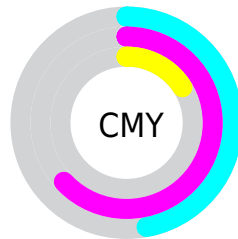
- Red (53%)
- Green (37%)
- Blue (84%)



- Red (53%)
- Yellow (37%)
- Blue (84%)



- Cyan (37%)
- Magenta (55%)
- Yellow (0%)
- Black (16%)



- Cyan (47%)
- Magenta (63%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.1130, 45.7933, 12.1789 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 120.1130, 45.7933, 12.1789 by changing the saturation by 10% instead.

120.1130, 45.7933,
12.1789

120.1130, 45.7933,
12.1789

255.0000, 0.0000,
0.0000

93.8740, 44.9251,
10.6345

172.4680, 40.6883,
16.2526

68.2220, 43.7676,
8.5753

196.9880, 28.5999,
20.1815

43.0860, 43.3416,
5.1866

221.8070, 16.3641,
24.7253

14.9600, 44.3897,
-4.3499

240.3250, 7.2348,
12.8700

9.1200, 34.9438,
-7.9982

9.3190, 23.0137,
-8.1728

5.0500, 14.2723,

-4.4289

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 120.1130, 45.7933,
12.1789

■ 120.1130, 45.7933,
12.1789

■ 103.6000, 53.9342,
14.3828

■ 136.6260, 37.6524,
9.9750

■ 86.2010, 62.5119,
16.4867

■ 154.0250, 29.0747,
7.8711

■ 69.6880, 70.6528,
18.6906

■ 170.5380, 20.9338,
5.6672

■ 53.1750, 78.7937,
20.8945

■ 187.0510, 12.7929,
3.4633

45.2120, 82.7195,
21.7391

204.1510, 4.3626,
0.7446

220.9630, -3.9258,
-0.8446

237.4760,
-12.0667, -3.0485

248.1190,
-17.3137, -0.1044

250.2120,
-18.3455, 4.1991

Harmonies

Analogous

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



97.9310, 68.0680, -85.8855



120.1130, 45.7933, 12.1789



114.1070, 25.0902, 72.6972

Triad

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



120.1130, 45.7933, 12.1789



110.1610, -54.3094, 59.4948



99.3480, 15.1114, -87.1282

Complementary

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



120.1130, 45.7933, 12.1789



187.8870, -45.7933, -12.1789

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.



90.6330, -10.6651, -79.4851



120.1130, 45.7933, 12.1789



109.3100, -53.8898, 18.1451

Square

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



120.1130, 45.7933, 12.1789



108.1180, -28.6522, 90.2275



98.3920, -48.5073, -28.4078



105.3730, 40.7351, -92.4121

Rectangle

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



120.1130, 45.7933, 12.1789



105.3630, 10.1740, 97.0286



98.3920, -48.5073, -28.4078



96.4810, 6.6649, -84.6138

Sweetspot

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



120.1130, 45.7933, 12.1789



221.0880, 16.7186, 4.3078



155.9990, 28.1015, -53.4961



107.3560, 10.1775, 2.3188



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.



120.1130, 45.7933, 12.1789



122.5970, 65.2747, 17.0164



137.1560, 37.3911, 47.2212



98.4500, 4.2152, 1.3594



36.2380, 66.4377, 17.3313



9.0880, 16.7186, 4.3078

Inverse Universe

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



139.2880, 17.1130, 64.6454



150.0000, 24.1570, 92.0850



170.8440, -37.3911, -47.2212



100.2010, 1.8729, 5.9627



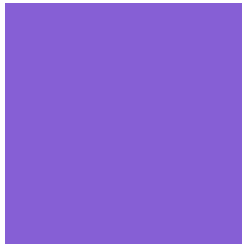
64.1250, 24.5884, 93.7294



16.1630, 6.3286, 23.5360

Previews

White Background



This preview shows how the YUV color 120.1130, 45.7933, 12.1789 looks on a white background.

Color Contrast Check

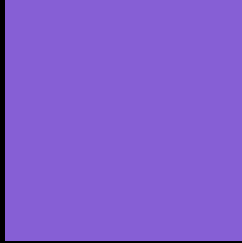
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 120.1130, 45.7933, 12.1789 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 120.1130, 45.7933, 12.1789

Background



This preview shows how black text looks on a background with the YUV color 120.1130, 45.7933, 12.1789.



This preview shows how white text looks on a background with the YUV color 120.1130, 45.7933, 12.1789.

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

120.1130, 45.7933, 12.1789

Protanopia

106.0380, 62.5923, -56.1613

Deuteranopia

105.8130, 50.3782, -58.5950



Tritanopia

117.5420, 4.6628, -2.2293

Trichromacy



Original Color

120.1130, 45.7933, 12.1789

Protanomaly

110.9980, 56.6960, -31.5702

Deuteranomaly

111.2230, 48.6971, -32.6446

Tritanomaly

118.4730, 19.4868, 3.0932

Monochromacy



Original Color

120.1130, 45.7933, 12.1789

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.0880, 16.7186, 4.3078

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.1130, 45.7933, 12.1789 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(134, 95, 213)` looks like.

```
.text, #text, p{  
    color:rgb(134, 95, 213)  
}
```

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(134, 95, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 95, 213) }
```

Border

The CSS property to change the border of an element to YUV 120.1130, 45.7933, 12.1789 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(134, 95, 213) }
```


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

```
.border{ border-color:rgb(134, 95, 213) }
```

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

Here you see how a box with a 4 pixel rgb(134, 95, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 95, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 95, 213);  
box-shadow:4px 4px 4px 4px rgb(134, 95,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 120.1130, 45.7933, 12.1789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 95, 213) }
```

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

```
.background{ background-color: rgb(134, 95,  
213) }
```

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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