

Converting Colors

YUV(154.5860, 45.0671,
11.7641)

Have a look what the booklet for
YUV(154.5860, 45.0671, 11.7641)
contains.

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Color

**YUV(154.5860, 45.0671,
11.7641)**

Conversions

Conversions Part 1

Format	Color
Hex	A882F6
RGB	168, 130, 246
RGB Percent	66%, 51%, 96%
CMY	0.3412, 0.4902, 0.0353
CMYK	0.32, 0.47, 0.00, 0.04
HSL	260°, 87%, 74%
HSV	260°, 47%, 96%
XYZ	40.7656, 30.9439, 91.0130
YIQ	154.5860, -14.5880, 44.1320

Conversions

Conversions Part 2

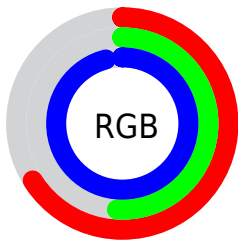
Format	Color
R _Y B	168, 130, 246
Decimal	11043574
CIE _{Lab}	62.46, 38.88, -53.12
CIE _{LCh}	62, 65.830, 306.200
Y _{xy}	30.9439, 0.2505, 0.1902
Android (android.graphics.Color)	4289233654 (0xFFA882F6)
YUV	154.5860, 45.0671, 11.7641
Hunter-Lab	55.6273, 33.4635, -58.0666

Details

The YUV color **154.5860, 45.0671, 11.7641** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **221.4140, -45.0671, -11.7641**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.6520, 24.8216, 18.7222**, and **101.9940, 42.8940, 8.7753** is the 20% darker color. If you saturate the color by 10%, you get **134.8280, 54.8078, 14.1828**, and if you desaturate by 10%, it is **174.3440, 35.3264, 9.3453**.

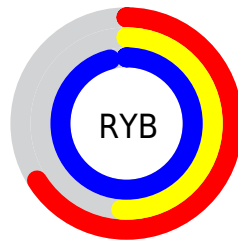
Distribution



Red (66%)

Green (51%)

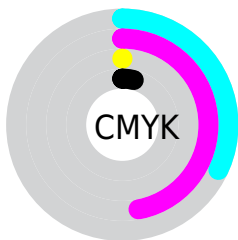
Blue (96%)



Red (66%)

Yellow (51%)

Blue (96%)

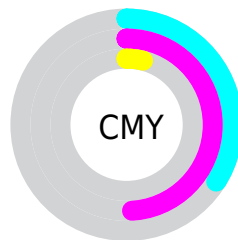


Cyan (32%)

Magenta (47%)

Yellow (0%)

Black (4%)



Cyan (34%)

Magenta (49%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.5860, 45.0671, 11.7641 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 154.5860, 45.0671, 11.7641 by changing the saturation by 10% instead.

154.5860, 45.0671,
11.7641

154.5860, 45.0671,
11.7641

255.0000, 0.0000,
0.0000

127.6460, 44.0515,
10.8345

204.6520, 24.8216,
18.7222

101.9940, 42.8940,
8.7753

229.1720, 12.7332,
22.6512

76.4560, 42.1732,
6.6161

246.1950, 4.3409,
7.7220

51.5050, 41.1630,
3.9421

24.5860, 41.6161,
-1.3909

9.5760, 36.6910,
-8.3982

7.4270, 25.9185,

-6.5135

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 154.5860, 45.0671,
11.7641

■ 154.5860, 45.0671,
11.7641

■ 134.8280, 54.8078,
14.1828

■ 174.3440, 35.3264,
9.3453

■ 115.9560, 64.1117,
16.7016

■ 193.2160, 26.0225,
6.8266

■ 96.1980, 73.8524,
19.1204

■ 212.9740, 16.2818,
4.4078

■ 77.3260, 83.1563,
21.6391

■ 231.8460, 6.9779,
1.8891

■ 57.5680, 92.8970,
24.0579

■ 251.6040, -2.7628,
-0.5297

■ 52.2630, 95.5123,
25.2023

■ 253.9740, -3.9312,
0.8998

Harmonies

Analogous

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



119.4680, 66.8173, -104.7734



154.5860, 45.0671, 11.7641



152.5040, 22.9225, 67.9640

Triad

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



154.5860, 45.0671, 11.7641



145.9980, -53.7360, 62.2688



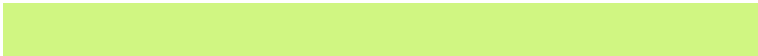
122.9540, 19.2497, -107.8307

Complementary

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



154.5860, 45.0671, 11.7641



221.4140, -45.0671, -11.7641

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.



114.2390, -6.5268, -100.1876



154.5860, 45.0671, 11.7641



140.2110, -67.1520, 25.2480

Square

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



154.5860, 45.0671, 11.7641



146.0640, -30.1046, 89.3979



135.3800, -43.5713, -24.8893



128.8650, 44.4366, -113.0146

Rectangle

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



154.5860, 45.0671, 11.7641



147.9940, 6.4120, 90.3363



135.3800, -43.5713, -24.8893



120.5600, 10.0769, -105.7311

Sweetspot

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



154.5860, 45.0671, 11.7641



226.6920, 13.9558, 3.7781



189.5970, 27.8067, -52.2666



110.6010, 8.5777, 2.1039



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.



154.5860, 45.0671, 11.7641



140.5830, 56.4076, 14.3977



171.6290, 36.6649, 46.8064



112.5640, 4.6519, 1.2594



39.4430, 72.2526, 18.9055



12.4070, 22.9703, 5.7821

Inverse Universe

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



173.5760, 16.9710, 63.5158



164.4130, 20.9954, 79.4448



204.3710, -36.6649, -46.8064



114.5000, 1.7255, 6.5775



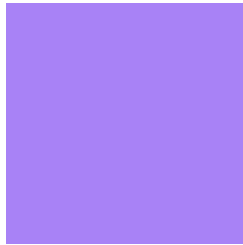
69.8640, 27.1820, 101.8513



22.0870, 8.3381, 32.3727

Previews

White Background



This preview shows how the YUV color 154.5860, 45.0671, 11.7641 looks on a white background.

Color Contrast Check

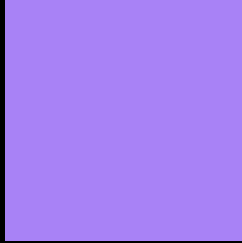
Large Text (above 18pt) WCAG AA × Fail

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 154.5860, 45.0671, 11.7641 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 ✓ Pass

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

YUV 154.5860, 45.0671, 11.7641 Background



This preview shows how black text looks on a background with the YUV color 154.5860, 45.0671, 11.7641.



This preview shows how white text looks on a background with the YUV color 154.5860, 45.0671,

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

154.5860, 45.0671, 11.7641

Protanopia

147.3410, 53.0759, -37.1331

Deuteranopia

145.7120, 46.9770, -40.9664



Tritanopia

151.5530, 4.6574, -0.4850

Trichromacy



Original Color

154.5860, 45.0671, 11.7641

Protanomaly

149.7670, 50.4009, -19.0897

Deuteranomaly

148.7190, 46.4805, -21.6786

Tritanomaly

152.7720, 19.3394, 3.7080

Monochromacy



Original Color

154.5860, 45.0671, 11.7641

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.9740, 16.2818, 4.4078

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.5860, 45.0671, 11.7641 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(168, 130, 246)` looks like.

```
.text, #text, p{  
    color:rgb(168, 130, 246)  
}
```

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(168, 130, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 130, 246) }
```

Border

The CSS property to change the border of an element to YUV 154.5860, 45.0671, 11.7641 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(168, 130, 246) }
```


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

```
.border{ border-color:rgb(168, 130, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 130, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 130, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 130, 246);  
box-shadow:4px 4px 4px 4px rgb(168, 130,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 154.5860, 45.0671, 11.7641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 130, 246) }
```

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

```
.background{ background-color: rgb(168,  
130, 246) }
```

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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