

Converting Colors

YUV(157.3900, 45.6567, 9.3050)

Have a look what the booklet for
YUV(157.3900, 45.6567, 9.3050)
contains.

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Color

**YUV(157.3900, 45.6567,
9.3050)**

Conversions

Conversions Part 1

Format	Color
Hex	A886FA
RGB	168, 134, 250
RGB Percent	66%, 53%, 98%
CMY	0.3412, 0.4745, 0.0196
CMYK	0.33, 0.46, 0.00, 0.02
HSL	258°, 92%, 75%
HSV	258°, 46%, 98%
XYZ	41.9289, 32.2772, 94.4627
YIQ	157.3900, -16.9720, 43.2840

Conversions

Conversions Part 2

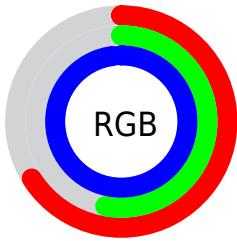
Format	Color
R _Y B	168, 134, 250
Decimal	11044602
CIE Lab	63.57, 37.64, -53.56
CIE LCh	64, 65.463, 305.102
Yxy	32.2772, 0.2486, 0.1914
Android (android.graphics.Color)	4289234682 (0xFFA886FA)
YUV	157.3900, 45.6567, 9.3050
Hunter-Lab	56.8130, 32.3130, -58.8121

Details

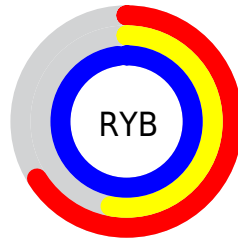
The YUV color $157.3900, 45.6567, 9.3050$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $226.6100, -45.6567, -9.3050$, and the grayscale version is $157.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $207.0000, 23.6640, 16.6630$, and $104.7980, 43.4836, 6.3162$ is the 20% darker color. If you saturate the color by 10%, you get $137.3330, 55.5448, 11.1090$, and if you desaturate by 10%, it is $177.4470, 35.7686, 7.5010$.

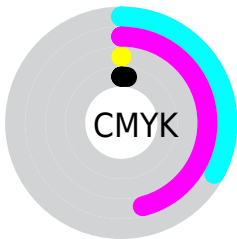
Distribution



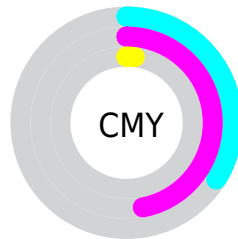
- Red (66%)
- Green (53%)
- Blue (98%)



- Red (66%)
- Yellow (53%)
- Blue (98%)



- Cyan (33%)
- Magenta (46%)
- Yellow (0%)
- Black (2%)




- Cyan (34%)
- Magenta (47%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.3900, 45.6567, 9.3050 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 157.3900, 45.6567, 9.3050 by changing the saturation by 10% instead.


 157.3900, 45.6567,
9.3050


 157.3900, 45.6567,
9.3050


255.0000, 0.0000,
0.0000

 130.4500, 44.6412,
8.3754


 207.0000, 23.6640,
16.6630


 104.7980, 43.4836,
6.3162


 232.1070, 11.2862,
20.0772

 79.1460, 42.3260,
4.2570

 248.5430, 3.1833,
5.6628

 53.8960, 41.4633,
0.9682

 27.5640, 41.6269,
-4.8796

 9.9180, 38.0014,
-8.6981

 7.1820, 27.5183,

-6.2986

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 157.3900, 45.6567,
9.3050

■ 157.3900, 45.6567,
9.3050

■ 137.3330, 55.5448,
11.1090

■ 177.4470, 35.7686,
7.5010

■ 117.5750, 65.2855,
13.5277

■ 197.2050, 26.0279,
5.0822

■ 97.5180, 75.1736,
15.3317

■ 217.2620, 16.1398,
3.2782

■ 77.4610, 85.0617,
17.1357

■ 237.3190, 6.2517,
1.4742

■ 57.7030, 94.8024,
19.5545

■ 254.4300, -2.1840,
0.4999

■ 50.3270, 98.4388,
19.8842

Harmonies

Analogous

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



121.8160, 65.6597, -106.8326



157.3900, 45.6567, 9.3050



156.0200, 23.6541, 66.6345

Triad

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



157.3900, 45.6567, 9.3050



148.9380, -52.7204, 63.1984



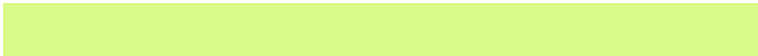
124.8290, 18.8183, -109.4750

Complementary

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



157.3900, 45.6567, 9.3050



226.6100, -45.6567, -9.3050

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.



116.1140, -6.9582, -101.8320



157.3900, 45.6567, 9.3050



143.9060, -64.5367, 26.3924

Square

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



157.3900, 45.6567, 9.3050



149.5910, -29.3784, 89.8127



138.5760, -44.1610, -22.4302



130.7400, 44.0052, -114.6590

Rectangle

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



157.3900, 45.6567, 9.3050



151.5100, 7.1436, 89.0067



138.5760, -44.1610, -22.4302



122.4350, 9.6455, -107.3755

Sweetspot

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



157.3900, 45.6567, 9.3050



226.3930, 14.1033, 3.1633



195.9450, 26.6491, -54.3258



110.3020, 8.7251, 1.4891



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.



157.3900, 45.6567, 9.3050



140.8600, 56.2710, 11.5238



174.4330, 37.2545, 44.3473



114.6780, 5.0887, 1.1594



37.9910, 74.4474, 14.9169



12.3360, 23.9914, 4.9673

Inverse Universe

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



178.0320, 18.7182, 63.1159



166.2710, 23.0374, 77.8153



209.5670, -37.2545, -44.3473



116.9130, 2.0149, 7.0923



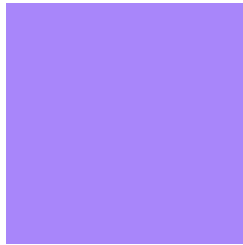
71.6730, 30.2342, 102.8958



23.1410, 9.7905, 33.2023

Previews

White Background



This preview shows how the YUV color 157.3900, 45.6567, 9.3050 looks on a white background.

Color Contrast Check

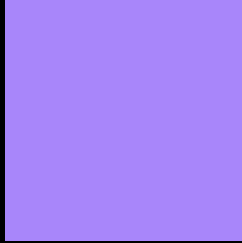
Large Text (above 18pt) WCAG AA × Fail

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 157.3900, 45.6567, 9.3050 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 157.3900, 45.6567, 9.3050

Background



This preview shows how black text looks on a background with the YUV color 157.3900, 45.6567, 9.3050.



This preview shows how white text looks on a background with the YUV color 157.3900, 45.6567,

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

157.3900, 45.6567, 9.3050

Protanopia

150.8960, 51.3233, -34.9888

Deuteranopia

148.6410, 47.9980, -41.7812



Tritanopia

153.8840, 5.9732, -2.5293

Trichromacy



Original Color

157.3900, 45.6567, 9.3050

Protanomaly

153.4250, 49.0905, -18.7897

Deuteranomaly

151.8220, 46.9228, -23.5229

Tritanomaly

155.1030, 20.6552, 1.6637

Monochromacy



Original Color

157.3900, 45.6567, 9.3050

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.3760, 16.5766, 3.1782

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.3900, 45.6567, 9.3050 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, 134, 250)` looks like.

```
.text, #text, p{  
    color:rgb(168, 134, 250)  
}
```

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, 134, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 134, 250) }
```

Border

The CSS property to change the border of an element to YUV 157.3900, 45.6567, 9.3050 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, 134, 250) }
```


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

```
.border{ border-color:rgb(168, 134, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 134, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 134, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 134, 250);  
box-shadow:4px 4px 4px 4px rgb(168, 134,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 157.3900, 45.6567, 9.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 134, 250) }
```

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

```
.background{ background-color: rgb(168,  
134, 250) }
```

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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