

Converting Colors

YUV(118.3900, 65.8697,
12.8130)

Have a look what the booklet for
YUV(118.3900, 65.8697, 12.8130)
contains.

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Color

**YUV(118.3900, 65.8697,
12.8130)**

Conversions

Conversions Part 1

Format	Color
Hex	8555FC
RGB	133, 85, 252
RGB Percent	52%, 33%, 99%
CMY	0.4784, 0.6667, 0.0118
CMYK	0.47, 0.66, 0.00, 0.01
HSL	257°, 97%, 66%
HSV	257°, 66%, 99%
XYZ	30.4921, 18.5118, 94.0615
YIQ	118.3900, -24.9990, 62.1130

Conversions

Conversions Part 2

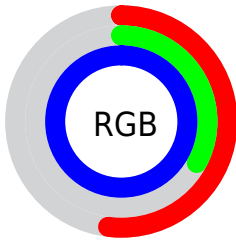
Format	Color
R_{YB}	133, 85, 252
Decimal	8738300
CIE _{Lab}	50.11, 57.32, -76.49
CIE _{LCh}	50, 95.589, 306.846
Yxy	18.5118, 0.2131, 0.1294
Android (android.graphics.Color)	4286928380 (0xFF8555FC)
YUV	118.3900, 65.8697, 12.8130
Hunter-Lab	43.0254, 51.2085, -99.5013

Details

The YUV color **118.3900, 65.8697, 12.8130** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **218.6100, -65.8697, -12.8130**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.4950, 43.1400, 23.2449**, and **62.1180, 65.0178, 6.0355** is the 20% darker color. If you saturate the color by 10%, you get **98.3330, 75.7578, 14.6170**, and if you desaturate by 10%, it is **138.4470, 55.9816, 11.0090**.

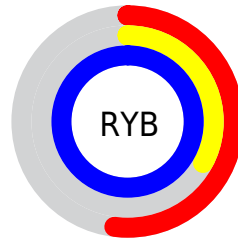
Distribution



Red (52%)

Green (33%)

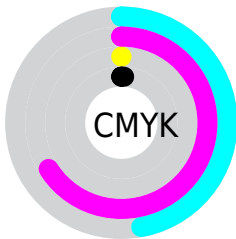
Blue (99%)



Red (52%)

Yellow (33%)

Blue (99%)

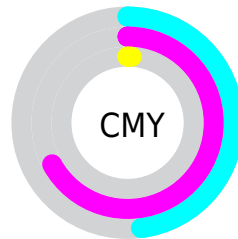


Cyan (47%)

Magenta (66%)

Yellow (0%)

Black (1%)



Cyan (48%)

Magenta (67%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.3900, 65.8697, 12.8130 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 118.3900, 65.8697, 12.8130 by changing the saturation by 10% instead.

■ 118.3900, 65.8697,
12.8130

■ 118.3900, 65.8697,
12.8130

■ 255.0000, 0.0000,
0.0000

■ 90.5530, 65.2964,
10.0390

■ 167.4950, 43.1400,
23.2449

■ 62.1180, 65.0178,
6.0355

■ 192.9010, 30.6148,
27.2738

■ 27.8720, 68.0971,
-1.6417

■ 218.0190, 18.2316,
32.4323

■ 15.8460, 60.7149,
-13.8969

■ 235.0420, 9.8393,
17.5032

■ 12.8820, 49.3582,
-11.2975

■ 252.0650, 1.4470,
2.5740

■ 10.5050, 37.7120,
-9.2129

■ 10.5900, 25.3451,

-9.2874

■ 6.3210, 16.6037,
-5.5435

■ 2.5250, 7.1362,
-2.2144

■ 118.3900, 65.8697,
12.8130

■ 118.3900, 65.8697,
12.8130

■ 98.3330, 75.7578,
14.6170

■ 138.4470, 55.9816,
11.0090

■ 78.2760, 85.6459,
16.4209

■ 158.5040, 46.0935,
9.2050

■ 57.6320, 95.8234,
18.7397

■ 179.1480, 35.9160,
6.8862

■ 50.2560, 99.4598,
19.0695

■ 199.2050, 26.0279,
5.0822

■ 219.2620, 16.1398,
3.2782

■ 239.3190, 6.2517,
1.4742

254.6580, -1.3104,
0.2999

Harmonies

Analogous

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



103.0320, 74.9202, -90.3591



118.3900, 65.8697, 12.8130



88.3650, 47.6411, 119.8289

Triad

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



118.3900, 65.8697, 12.8130



110.2490, -54.3528, 73.4496



104.2550, 16.1433, -91.4316

Complementary

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



118.3900, 65.8697, 12.8130



218.6100, -65.8697, -12.8130

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.



91.7610, -21.5742, -80.4744



118.3900, 65.8697, 12.8130



110.7720, -54.6106, 15.9860

Square

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



118.3900, 65.8697, 12.8130



74.6700, -25.4733, 144.1174



84.8710, -41.8414, -66.5389



113.2610, 50.6503, -99.3299

Rectangle

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



118.3900, 65.8697, 12.8130



89.7980, 20.8056, 140.4972



84.8710, -41.8414, -66.5389



100.3620, 3.7655, -88.0175

Sweetspot

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



118.3900, 65.8697, 12.8130



214.2990, 20.0656, 4.1228



174.4780, 38.2183, -78.4722



103.2250, 12.2141, 2.4337



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.



118.3900, 65.8697, 12.8130



91.8970, 80.4098, 15.8763



143.2070, 53.6349, 63.8395



114.6780, 5.0887, 1.1594



37.6920, 74.5948, 14.3021



12.3360, 23.9914, 4.9673

Inverse Universe

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



148.4990, 27.3620, 90.7704



128.5260, 33.2647, 110.9177



193.7930, -53.6349, -63.8395



116.9130, 2.0149, 7.0923



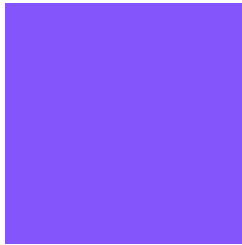
71.7870, 30.6710, 102.7958



23.2550, 10.2273, 33.1024

Previews

White Background



This preview shows how the YUV color 118.3900, 65.8697, 12.8130 looks on a white background.

Color Contrast Check

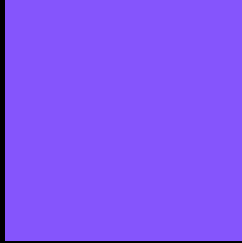
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.3900, 65.8697, 12.8130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

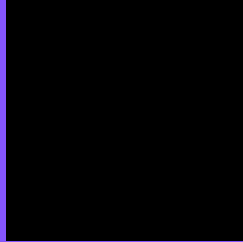
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.3900, 65.8697, 12.8130

Background



This preview shows how black text looks on a background with the YUV color 118.3900, 65.8697, 12.8130.



This preview shows how white text looks on a background with the YUV color 118.3900, 65.8697, 12.8130.

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

118.3900, 65.8697, 12.8130

Protanopia

95.2070, 72.8619, -83.4965

Deuteranopia

95.5540, 56.4219, -83.8009



Tritanopia

116.8610, 7.4635, -13.9101

Trichromacy



Original Color

118.3900, 65.8697, 12.8130

Protanomaly

103.4440, 70.2801, -48.6244

Deuteranomaly

103.9850, 59.6604, -49.0988

Tritanomaly

117.8340, 28.6758, -4.2394

Monochromacy



Original Color

118.3900, 65.8697, 12.8130

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.0370, 24.1388, 4.3526

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.3900, 65.8697, 12.8130 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(133, 85, 252)` looks like.

```
.text, #text, p{  
    color:rgb(133, 85, 252)  
}
```

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(133, 85, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 85, 252) }
```

Border

The CSS property to change the border of an element to YUV 118.3900, 65.8697, 12.8130 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(133, 85, 252) }
```


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

```
.border{ border-color:rgb(133, 85, 252) }
```

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

Here you see how a box with a 4 pixel rgb(133, 85, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 85, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 85, 252);  
box-shadow:4px 4px 4px 4px rgb(133, 85,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 118.3900, 65.8697, 12.8130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 85, 252) }
```

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

```
.background{ background-color: rgb(133, 85,  
252) }
```

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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