

Converting Colors

YUV(118.1190, 63.5383,
13.9276)

Have a look what the booklet for
YUV(118.1190, 63.5383, 13.9276)
contains.

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Color

**YUV(118.1190, 63.5383,
13.9276)**

Conversions

Conversions Part 1

Format	Color
Hex	8655F7
RGB	134, 85, 247
RGB Percent	53%, 33%, 97%
CMY	0.4745, 0.6667, 0.0314
CMYK	0.46, 0.66, 0.00, 0.03
HSL	258°, 91%, 65%
HSV	258°, 66%, 97%
XYZ	29.8685, 18.2807, 89.9500
YIQ	118.1190, -22.7980, 60.7700

Conversions

Conversions Part 2

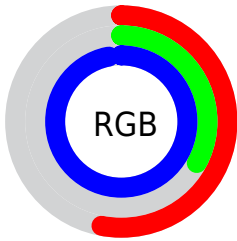
Format	Color
R_{YB}	134, 85, 247
Decimal	8803831
CIE _{Lab}	49.83, 56.16, -74.15
CIE _{LCh}	50, 93.022, 307.140
Yxy	18.2807, 0.2163, 0.1324
Android (android.graphics.Color)	4286993911 (0xFF8655F7)
YUV	118.1190, 63.5383, 13.9276
Hunter-Lab	42.7560, 49.8738, -94.8051

Details

The YUV color **118.1190, 63.5383, 13.9276** 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 **213.8810, -63.5383, -13.9276**, 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 **62.7330, 62.2496, 7.2502** is the 20% darker color. If you saturate the color by 10%, you get **98.3610, 73.2790, 16.3464**, and if you desaturate by 10%, it is **137.8770, 53.7976, 11.5089**.

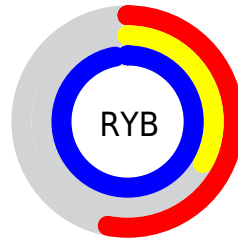
Distribution



Red (53%)

Green (33%)

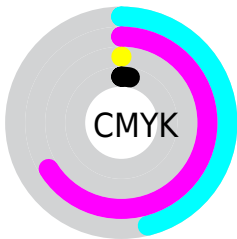
Blue (97%)



Red (53%)

Yellow (33%)

Blue (97%)

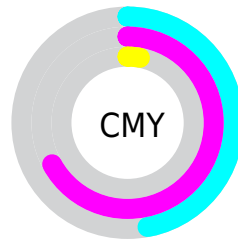


Cyan (46%)

Magenta (66%)

Yellow (0%)

Black (3%)



Cyan (47%)

Magenta (67%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.1190, 63.5383, 13.9276 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 118.1190, 63.5383, 13.9276 by changing the saturation by 10% instead.

■ 118.1190, 63.5383,
13.9276

■ 118.1190, 63.5383,
13.9276

255.0000, 0.0000,
0.0000

■ 91.1680, 62.5282,
11.2537

■ 167.4950, 43.1400,
23.2449

■ 62.7330, 62.2496,
7.2502

■ 192.9010, 30.6148,
27.2738

■ 29.2100, 65.4655,
2.4468

■ 218.0190, 18.2316,
32.4323

■ 15.2760, 58.5309,
-13.3971

■ 235.0420, 9.8393,
17.5032

■ 12.3120, 47.1742,
-10.7976

■ 252.0650, 1.4470,
2.5740

■ 10.0490, 35.9648,
-8.8130

■ 10.2480, 24.0347,

-8.9875

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 118.1190, 63.5383,
13.9276

■ 118.1190, 63.5383,
13.9276

■ 98.3610, 73.2790,
16.3464

■ 137.8770, 53.7976,
11.5089

■ 79.1900, 82.7303,
18.2504

■ 157.0480, 44.3463,
9.6049

■ 59.1330, 92.6184,
20.0544

■ 177.1050, 34.4582,
7.8009

■ 50.5830, 96.8336,
21.4137

■ 196.8630, 24.7175,
5.3821

■ 216.6210, 14.9768,
2.9634

■ 235.7920, 5.5255,
1.0594

■ 254.0880, -3.4944,
0.7998

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



118.1190, 63.5383, 13.9276



87.4250, 46.6255, 118.8993

Triad

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



118.1190, 63.5383, 13.9276



110.2380, -54.3473, 71.7053



102.9670, 16.2853, -90.3021

Complementary

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



118.1190, 63.5383, 13.9276



213.8810, -63.5383, -13.9276

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.



91.5160, -19.9744, -80.2595



118.1190, 63.5383, 13.9276



109.8860, -54.1738, 15.8860

Square

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



118.1190, 63.5383, 13.9276



83.8660, -29.5139, 133.4215



86.6760, -42.7313, -61.1059



111.8590, 50.3555, -98.1003

Rectangle

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



118.1190, 63.5383, 13.9276



88.3740, 20.5216, 138.2380



86.6760, -42.7313, -61.1059



99.7750, 4.0549, -87.5027

Sweetspot

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



118.1190, 63.5383, 13.9276



214.2990, 20.0656, 4.1228



169.7990, 38.0601, -74.3687



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.



118.1190, 63.5383, 13.9276



94.8540, 78.9520, 16.7910



142.3380, 51.5984, 63.7246



112.5640, 4.6519, 1.2594



37.9480, 72.9896, 15.8316



12.1080, 23.1178, 5.1673

Inverse Universe

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



146.3200, 25.4782, 88.2964



130.0590, 31.5229, 109.5733



189.6620, -51.5984, -63.7246



114.6140, 2.1623, 6.4775



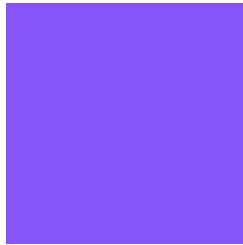
70.4340, 29.3660, 101.3514



22.3150, 9.2117, 32.1727

Previews

White Background



This preview shows how the YUV color 118.1190, 63.5383, 13.9276 looks on a white background.

Color Contrast Check

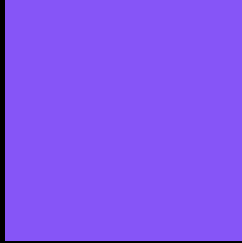
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.1190, 63.5383, 13.9276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

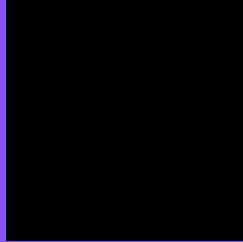
Any Text WCAG AA ✓ Pass

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 118.1190, 63.5383, 13.9276 Background



This preview shows how black text looks on a background with the YUV color 118.1190, 63.5383, 13.9276.



This preview shows how white text looks on a background with the YUV color 118.1190, 63.5383,

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

118.1190, 63.5383, 13.9276

Protanopia

94.3920, 72.2777, -82.7818

Deuteranopia

94.8530, 56.2745, -83.1861



Tritanopia

116.9430, 6.4371, -11.3510

Trichromacy



Original Color

118.1190, 63.5383, 13.9276



Protanomaly

102.8140, 69.1117, -47.1949



Deuteranomaly

103.4690, 58.9288, -47.7693



Tritanomaly

117.5030, 27.3600, -2.1951

Monochromacy



Original Color

118.1190, 63.5383, 13.9276



Achromatopsia

118.0000, 0.0000, 0.0000



Achromatomaly

118.1080, 23.1178, 5.1673

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.1190, 63.5383, 13.9276 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, 85, 247)` looks like.

```
.text, #text, p{  
    color:rgb(134, 85, 247)  
}
```

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, 85, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 85, 247) }
```

Border

The CSS property to change the border of an element to YUV 118.1190, 63.5383, 13.9276 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, 85, 247) }
```


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

```
.border{ border-color:rgb(134, 85, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 85, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 85, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 85, 247);  
box-shadow:4px 4px 4px 4px rgb(134, 85,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 118.1190, 63.5383, 13.9276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 85, 247) }
```

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

```
.background{ background-color: rgb(134, 85,  
247) }
```

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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