

Converting Colors

YUV(118.0270, 63.0907,
17.5163)

Have a look what the booklet for
YUV(118.0270, 63.0907, 17.5163)
contains.

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Color

**YUV(118.0270, 63.0907,
17.5163)**

Conversions

Conversions Part 1

Format	Color
Hex	8A53F6
RGB	138, 83, 246
RGB Percent	54%, 33%, 96%
CMY	0.4588, 0.6745, 0.0353
CMYK	0.44, 0.66, 0.00, 0.04
HSL	260°, 90%, 65%
HSV	260°, 66%, 96%
XYZ	30.2090, 18.2436, 89.1180
YIQ	118.0270, -19.5430, 62.3530

Conversions

Conversions Part 2

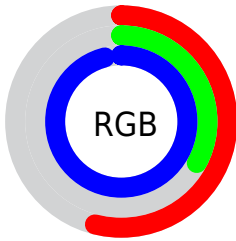
Format	Color
R _Y B	138, 83, 246
Decimal	9065462
CIE Lab	49.79, 57.64, -73.65
CIE LCh	50, 93.526, 308.049
Yxy	18.2436, 0.2196, 0.1326
Android (android.graphics.Color)	4287255542 (0xFF8A53F6)
YUV	118.0270, 63.0907, 17.5163
Hunter-Lab	42.7125, 51.4997, -93.8074

Details

The YUV color **118.0270, 63.0907, 17.5163** 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 **210.9730, -63.0907, -17.5163**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1040, 42.8397, 26.2188**, and **61.7660, 62.2334, 12.4832** is the 20% darker color. If you saturate the color by 10%, you get **98.5680, 72.6840, 20.5499**, and if you desaturate by 10%, it is **137.4860, 53.4974, 14.4828**.

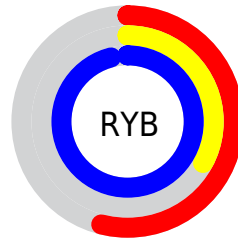
Distribution



Red (54%)

Green (33%)

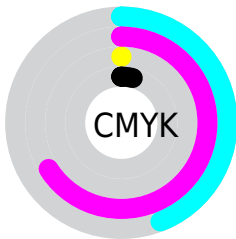
Blue (96%)



Red (54%)

Yellow (33%)

Blue (96%)

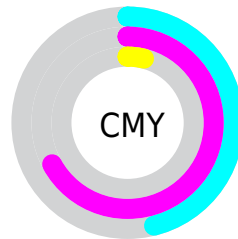


Cyan (44%)

Magenta (66%)

Yellow (0%)

Black (4%)



Cyan (46%)

Magenta (67%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.0270, 63.0907, 17.5163 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 118.0270, 63.0907, 17.5163 by changing the saturation by 10% instead.

■ 118.0270, 63.0907,
17.5163

■ 118.0270, 63.0907,
17.5163

■ 255.0000, 0.0000,
0.0000

■ 90.4890, 62.3699,
15.3571

■ 168.1040, 42.8397,
26.2188

■ 61.7660, 62.2334,
12.4832

■ 192.9230, 30.6040,
30.7625

■ 30.3140, 64.4282,
8.4946

■ 217.4320, 18.5210,
32.9471

■ 15.2760, 58.5309,
-13.3971

■ 233.8680, 10.4181,
18.5328

■ 12.3120, 47.1742,
-10.7976

■ 250.8910, 2.0257,
3.6036

■ 9.3480, 35.8174,
-8.1982

■ 9.5470, 23.8873,

-8.3727

■ 5.1640, 14.7091,
-4.5288

■ 1.2540, 4.8048,
-1.0998

■ 118.0270, 63.0907,
17.5163

■ 118.0270, 63.0907,
17.5163

■ 98.5680, 72.6840,
20.5499

■ 137.4860, 53.4974,
14.4828

■ 79.3970, 82.1353,
22.4538

■ 156.6570, 44.0461,
12.5788

■ 59.9380, 91.7286,
25.4874

■ 176.1160, 34.4528,
9.5453

■ 52.8610, 95.2175,
26.4319

■ 194.9880, 25.1489,
7.0265

214.4470, 15.5556,
3.9930

234.2050, 5.8149,
1.5742

253.0770, -3.4890,
-0.9445

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.



101.2710, 75.7884, -88.8147



118.0270, 63.0907, 17.5163



87.7950, 45.4571, 120.3288

Triad

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



118.0270, 63.0907, 17.5163



110.2270, -54.3419, 69.9609



103.3090, 17.5957, -90.6020

Complementary

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



118.0270, 63.0907, 17.5163



210.9730, -63.0907, -17.5163

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.



91.7440, -19.1008, -80.4595



118.0270, 63.0907, 17.5163



109.8750, -54.1684, 14.1416

Square

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



118.0270, 63.0907, 17.5163



84.8720, -31.9819, 131.6623



81.5930, -40.2253, -71.5571



112.0870, 51.2291, -98.3003

Rectangle

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



118.0270, 63.0907, 17.5163



88.3310, 19.0638, 139.1527



81.5930, -40.2253, -71.5571



100.1170, 5.3653, -87.8026

Sweetspot

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



118.0270, 63.0907, 17.5163



214.8970, 19.7708, 5.3523



165.5650, 39.6545, -72.4095



103.5240, 12.0667, 3.0485



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.



118.0270, 63.0907, 17.5163



94.8870, 78.9357, 22.0241



142.2460, 51.1507, 67.3133



112.5640, 4.6519, 1.2594



40.0410, 71.9578, 20.1350



12.7060, 22.8229, 6.3968

Inverse Universe

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



144.0490, 23.1468, 89.4110



127.3860, 28.8967, 111.9175



186.7540, -51.1507, -67.3133



114.5000, 1.7255, 6.5775



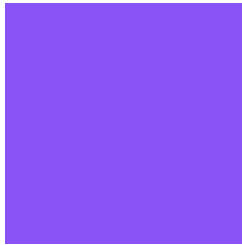
69.6360, 26.3085, 102.0512



22.0870, 8.3381, 32.3727

Previews

White Background



This preview shows how the YUV color 118.0270, 63.0907, 17.5163 looks on a white background.

Color Contrast Check

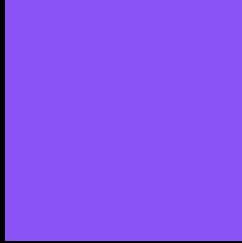
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.0270, 63.0907, 17.5163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

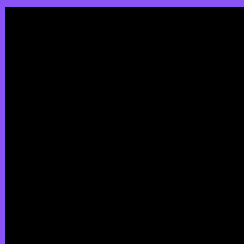
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.0270, 63.0907, 17.5163

Background



This preview shows how black text looks on a background with the YUV color 118.0270, 63.0907, 17.5163.



This preview shows how white text looks on a background with the YUV color 118.0270, 63.0907, 17.5163.

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

118.0270, 63.0907, 17.5163

Protanopia

94.3920, 72.2777, -82.7818

Deuteranopia

94.8530, 56.2745, -83.1861



Tritanopia

117.1500, 5.8421, -7.1475

Trichromacy



Original Color

118.0270, 63.0907, 17.5163



Protanomaly

103.1130, 68.9643, -46.5801



Deuteranomaly

103.0670, 58.6340, -46.5398



Tritanomaly

117.7100, 26.7650, 2.0083

Monochromacy



Original Color

118.0270, 63.0907, 17.5163



Achromatopsia

118.0000, 0.0000, 0.0000



Achromatomaly

117.8200, 23.2597, 6.2969

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.0270, 63.0907, 17.5163 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(138, 83, 246)` looks like.

```
.text, #text, p{  
    color:rgb(138, 83, 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(138, 83, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 83, 246) }
```

Border

The CSS property to change the border of an element to YUV 118.0270, 63.0907, 17.5163 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(138, 83, 246) }
```


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

```
.border{ border-color:rgb(138, 83, 246) }
```

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

Here you see how a box with a 4 pixel rgb(138, 83, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 83, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 83, 246);  
box-shadow:4px 4px 4px 4px rgb(138, 83,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 118.0270, 63.0907, 17.5163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 83, 246) }
```

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

```
.background{ background-color: rgb(138, 83,  
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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