

Converting Colors

YUV(118.5870, 67.2516,
36.3192)

Have a look what the booklet for
YUV(118.5870, 67.2516, 36.3192)
contains.

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Color

**YUV(118.5870, 67.2516,
36.3192)**

Conversions

Conversions Part 1

Format	Color
Hex	A047FF
RGB	160, 71, 255
RGB Percent	63%, 28%, 100%
CMY	0.3725, 0.7216, 0.0000
CMYK	0.37, 0.72, 0.00, 0.00
HSL	269°, 100%, 64%
HSV	269°, 72%, 100%
XYZ	34.8004, 19.2001, 96.4795
YIQ	118.5870, -6.0200, 76.0920

Conversions

Conversions Part 2

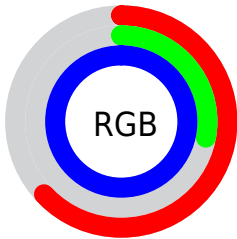
Format	Color
RYB	160, 71, 255
Decimal	10504191
CIELab	50.92, 69.25, -76.72
CIELCh	51, 103.349, 312.071
Yxy	19.2001, 0.2313, 0.1276
Android (android.graphics.Color)	4288694271 (0xFFA047FF)
YUV	118.5870, 67.2516, 36.3192
Hunter-Lab	43.8179, 65.0846, -99.8740

Details

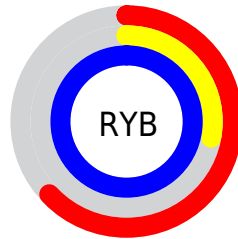
The YUV color **118.5870, 67.2516, 36.3192** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **207.4130, -67.2516, -36.3192**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.3990, 42.2013, 44.3771**, and **52.0590, 71.4559, 41.1673** is the 20% darker color. If you saturate the color by 10%, you get **100.0250, 76.4027, 41.1971**, and if you desaturate by 10%, it is **137.7360, 57.8112, 30.9265**.

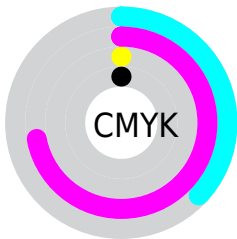
Distribution



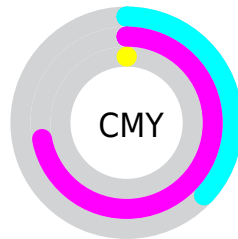
- Red (63%)
- Green (28%)
- Blue (100%)



- Red (63%)
- Yellow (28%)
- Blue (100%)



- Cyan (37%)
- Magenta (72%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (72%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.5870, 67.2516, 36.3192 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 118.5870, 67.2516, 36.3192 by changing the saturation by 10% instead.

118.5870, 67.2516,
36.3192

118.5870, 67.2516,
36.3192

255.0000, 0.0000,
0.0000

88.7010, 67.6884,
36.2192

169.3990, 42.2013,
44.3771

52.0590, 71.4559,
41.1673

194.5170, 29.8181,
49.5356

39.2990, 63.9426,
24.2938

212.7360, 20.8362,
37.0655

24.2610, 58.0453,
2.4021

229.7590, 12.4438,
22.1364

13.1100, 50.2318,
-11.4975

246.7820, 4.0515,
7.2072

10.1460, 38.8750,
-8.8980

11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 118.5870, 67.2516,
36.3192

■ 118.5870, 67.2516,
36.3192

■ 100.0250, 76.4027,
41.1971

■ 137.7360, 57.8112,
30.9265

■ 80.8760, 85.8431,
46.5897

■ 156.2980, 48.6601,
26.0487

■ 65.8470, 93.2524,
50.1232

■ 174.8600, 39.5090,
21.1708

■ 194.3080, 29.9212,
16.3929

213.4570, 20.4807,
11.0002

232.0190, 11.3296,
6.1223

251.1680, 1.8892,
0.7297

255.0000, 0.0000,
0.0000

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



118.5870, 67.2516, 36.3192



93.5470, 41.6353, 132.8243

Triad

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



118.5870, 67.2516, 36.3192



113.1620, -55.7889, 67.3869



108.7690, 23.2849, -95.3904

Complementary

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



118.5870, 67.2516, 36.3192



207.4130, -67.2516, -36.3192

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.



96.2920, -16.9060, -84.4481



118.5870, 67.2516, 36.3192



110.1080, -54.2832, 4.2903

Square

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



118.5870, 67.2516, 36.3192



76.1790, -37.5562, 146.3020



85.1150, -41.9617, -74.6459



118.3450, 59.9759, -103.7886

Rectangle

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



118.5870, 67.2516, 36.3192



89.9250, 14.8270, 144.7708



85.1150, -41.9617, -74.6459



104.6480, 10.0335, -91.7763

Sweetspot

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



118.5870, 67.2516, 36.3192



213.4570, 20.4807, 11.0002



147.7410, 52.8787, -67.3019



102.6600, 12.4926, 6.4372



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.



118.5870, 67.2516, 36.3192



90.3010, 81.1966, 43.5860



146.0950, 53.6902, 92.8787



118.2760, 4.7939, 2.3889



49.5810, 69.7196, 38.0785



16.5650, 23.3855, 12.6595

Inverse Universe

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



136.8460, 14.3729, 103.6211



112.4880, 17.5074, 124.9830



179.9050, -53.6902, -92.8787



119.5710, 0.7045, 7.3922



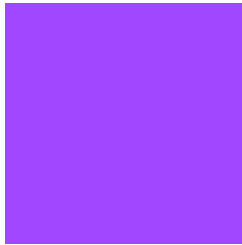
68.3950, 15.0883, 107.5246



22.8980, 4.9803, 36.0465

Previews

White Background



This preview shows how the YUV color 118.5870, 67.2516, 36.3192 looks on a white background.

Color Contrast Check

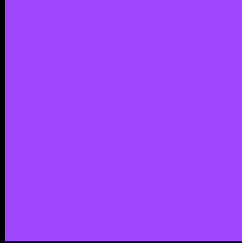
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.5870, 67.2516, 36.3192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

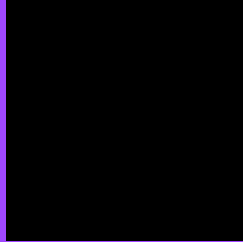
Any Text WCAG AA ✓ Pass

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 118.5870, 67.2516, 36.3192 Background



This preview shows how black text looks on a background with the YUV color 118.5870, 67.2516, 36.3192.



This preview shows how white text looks on a background with the YUV color 118.5870, 67.2516,

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

118.5870, 67.2516, 36.3192

Protanopia

96.8370, 74.0304, -84.9260

Deuteranopia

97.1840, 57.5903, -85.2304



Tritanopia

122.1090, 1.4253, 9.5514

Trichromacy



Original Color

118.5870, 67.2516, 36.3192



Protanomaly

104.5420, 71.7108, -40.8173



Deuteranomaly

105.0830, 61.0911, -41.2918



Tritanomaly

121.0650, 25.1110, 19.2370

Monochromacy



Original Color

118.5870, 67.2516, 36.3192



Achromatopsia

119.0000, 0.0000, 0.0000



Achromatomaly

119.0920, 24.1116, 13.0743

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.5870, 67.2516, 36.3192 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(160, 71, 255)` looks like.

```
.text, #text, p{  
    color:rgb(160, 71, 255)  
}
```

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(160, 71, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 71, 255) }
```

Border

The CSS property to change the border of an element to YUV 118.5870, 67.2516, 36.3192 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(160, 71, 255) }
```


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

```
.border{ border-color:rgb(160, 71, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 71, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 71, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 71, 255);  
box-shadow:4px 4px 4px 4px rgb(160, 71,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 118.5870, 67.2516, 36.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 71, 255) }
```

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

```
.background{ background-color: rgb(160, 71,  
255) }
```

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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