

Converting Colors

YUV(118.9930, 58.1775,
53.5031)

Have a look what the booklet for
YUV(118.9930, 58.1775, 53.5031)
contains.

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Color

**YUV(118.9930, 58.1775,
53.5031)**

Conversions

Conversions Part 1

Format	Color
Hex	B441ED
RGB	180, 65, 237
RGB Percent	71%, 25%, 93%
CMY	0.2941, 0.7451, 0.0706
CMYK	0.24, 0.73, 0.00, 0.07
HSL	280°, 83%, 59%
HSV	280°, 73%, 93%
XYZ	35.9987, 19.5983, 82.0063
YIQ	118.9930, 13.3280, 77.8720

Conversions

Conversions Part 2

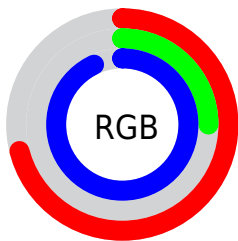
Format	Color
RYB	180, 65, 237
Decimal	11813357
CIELab	51.38, 71.33, -65.79
CIElCh	51, 97.039, 317.311
Yxy	19.5983, 0.2616, 0.1424
Android (android.graphics.Color)	4290003437 (0xFFB441ED)
YUV	118.9930, 58.1775, 53.5031
Hunter-Lab	44.2700, 67.6773, -78.8405

Details

The YUV color **118.9930, 58.1775, 53.5031** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **183.0070, -58.1775, -53.5031**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.0310, 40.4107, 58.7318**, and **56.9980, 60.6400, 57.0068** is the 20% darker color. If you saturate the color by 10%, you get **102.5130, 66.3021, 60.9401**, and if you desaturate by 10%, it is **135.4730, 50.0528, 46.0662**.

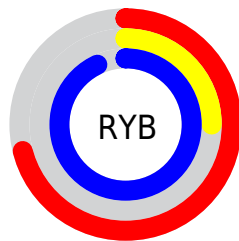
Distribution



Red (71%)

Green (25%)

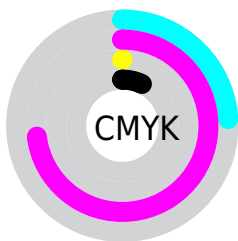
Blue (93%)



Red (71%)

Yellow (25%)

Blue (93%)

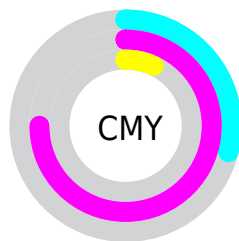


Cyan (24%)

Magenta (73%)

Yellow (0%)

Black (7%)



Cyan (29%)


Magenta (75%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 118.9930, 58.1775, 53.5031 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 118.9930, 58.1775, 53.5031 by changing the saturation by 10% instead.


 118.9930, 58.1775,
53.5031


 118.9930, 58.1775,
53.5031


255.0000, 0.0000,
0.0000

 87.0580, 59.6244,
56.0771

 173.0310, 40.4107,
58.7318


 56.9980, 60.6400,
57.0068


 193.9520, 30.0967,
53.5391


 44.9500, 53.2687,
41.2629


 210.9750, 21.7043,
38.6099

 33.2010, 45.7499,
26.1337

 227.9980, 13.3120,
23.6808

 21.2670, 38.8154,
10.2898

 245.0210, 4.9196,
8.7516

 8.5500, 32.7599,
-7.4984

 8.1620, 21.1191,

-7.1581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 118.9930, 58.1775,
53.5031

■ 118.9930, 58.1775,
53.5031

■ 102.5130, 66.3021,
60.9401

■ 135.4730, 50.0528,
46.0662

■ 86.6200, 74.1373,
67.8623

■ 151.3660, 42.2176,
39.1440

■ 74.2600, 80.2308,
73.4400

■ 167.8460, 34.0929,
31.7071

■ 184.0270, 26.1157,
23.6553

199.9200, 18.2804,
16.7332

216.4000, 10.1558,
9.2962

232.8800, 2.0312,
1.8592

249.3600, -6.0935,
-5.5777

251.7520, -7.2727,
-0.6595

Harmonies

Analogous

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



97.7490, 77.5247, -85.7259



118.9930, 58.1775, 53.5031



92.2070, 33.9149, 135.7535

Triad

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



118.9930, 58.1775, 53.5031



115.4440, -56.9139, 54.8616



110.3650, 29.4001, -96.7901

Complementary

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



118.9930, 58.1775, 53.5031



183.0070, -58.1775, -53.5031

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.



99.2730, -8.0226, -87.0624



118.9930, 58.1775, 53.5031



109.1670, -53.8193, -4.5315

Square

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



118.9930, 58.1775, 53.5031



100.4790, -49.5361, 115.3439



86.2890, -42.5405, -75.6755



118.3280, 62.4493, -103.7737

Rectangle

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



118.9930, 58.1775, 53.5031



88.3290, 8.7118, 146.1705



86.2890, -42.5405, -75.6755



107.1730, 17.1697, -93.9907

Sweetspot

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



118.9930, 58.1775, 53.5031



216.4470, 19.0066, 17.1480



118.0670, 58.6340, -46.5398



104.7530, 11.4608, 10.7406



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.



118.9930, 58.1775, 53.5031



102.5600, 75.1529, 68.7919



132.7300, 37.1081, 91.4448



109.3470, 3.7729, 3.2037



56.8130, 61.2242, 56.2920



16.9200, 18.2804, 16.7332

Inverse Universe

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



122.9260, -0.4565, 100.0429



107.8140, -0.4013, 129.0821



169.2700, -37.1081, -91.4448



109.6310, -0.3111, 6.4626



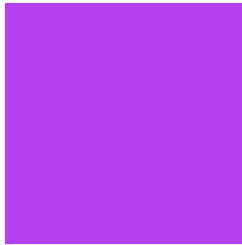
60.9590, -0.4728, 105.2760



18.1980, -0.0976, 31.3984

Previews

White Background



This preview shows how the YUV color 118.9930, 58.1775, 53.5031 looks on a white background.

Color Contrast Check

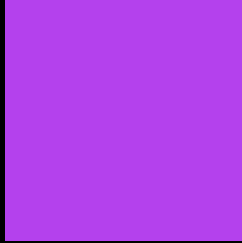
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.9930, 58.1775, 53.5031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

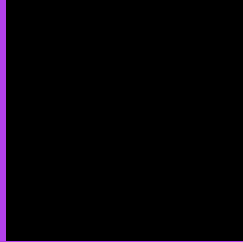
Any Text WCAG AA ✓ Pass

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 118.9930, 58.1775, 53.5031 Background



This preview shows how black text looks on a background with the YUV color 118.9930, 58.1775, 53.5031.



This preview shows how white text looks on a background with the YUV color 118.9930, 58.1775,

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

118.9930, 58.1775, 53.5031

Protanopia

97.7660, 75.0514, -85.7408

Deuteranopia

98.4550, 59.9217, -86.3450



Tritanopia

124.7590, -4.3182, 31.7834

Trichromacy



Original Color

118.9930, 58.1775, 53.5031



Protanomaly

105.4780, 68.7843, -35.4992



Deuteranomaly

105.6600, 59.3276, -35.6588



Tritanomaly

122.4760, 18.4993, 39.9245

Monochromacy



Original Color

118.9930, 58.1775, 53.5031



Achromatopsia

119.0000, 0.0000, 0.0000



Achromatomaly

118.7400, 21.3272, 19.5220

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.9930, 58.1775, 53.5031 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(180, 65, 237)` looks like.

```
.text, #text, p{  
    color:rgb(180, 65, 237)  
}
```

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(180, 65, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 65, 237) }
```

Border

The CSS property to change the border of an element to YUV 118.9930, 58.1775, 53.5031 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(180, 65, 237) }
```


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

```
.border{ border-color:rgb(180, 65, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 65, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 65, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 65, 237);  
box-shadow:4px 4px 4px 4px rgb(180, 65,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 118.9930, 58.1775, 53.5031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 65, 237) }
```

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

```
.background{ background-color: rgb(180, 65,  
237) }
```

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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