

Converting Colors

YUV(119.8930, 46.3948,
52.7138)

Have a look what the booklet for
YUV(119.8930, 46.3948, 52.7138)
contains.

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Color

**YUV(119.8930, 46.3948,
52.7138)**

Conversions

Conversions Part 1

Format	Color
Hex	B447D6
RGB	180, 71, 214
RGB Percent	71%, 28%, 84%
CMY	0.2941, 0.7216, 0.1608
CMYK	0.16, 0.67, 0.00, 0.16
HSL	286°, 64%, 56%
HSV	286°, 67%, 84%
XYZ	33.2132, 19.0648, 65.5477
YIQ	119.8930, 19.0610, 67.5810

Conversions

Conversions Part 2

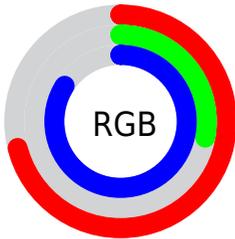
Format	Color
RYB	180, 71, 214
Decimal	11814870
CIELab	50.76, 64.41, -53.77
CIElCh	51, 83.897, 320.145
Yxy	19.0648, 0.2819, 0.1618
Android (android.graphics.Color)	4290004950 (0xFFB447D6)
YUV	119.8930, 46.3948, 52.7138
Hunter-Lab	43.6633, 59.3684, -58.4424

Details

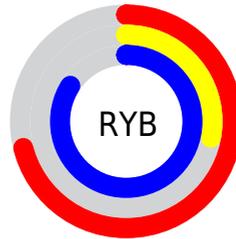
The YUV color **119.8930, 46.3948, 52.7138** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **165.1070, -46.3948, -52.7138**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.0800, 39.4006, 56.0578**, and **54.7890, 50.8830, 59.8210** is the 20% darker color. If you saturate the color by 10%, you get **106.0710, 53.2090, 60.4507**, and if you desaturate by 10%, it is **133.7150, 39.5805, 44.9769**.

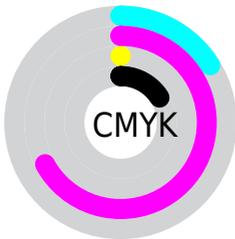
Distribution



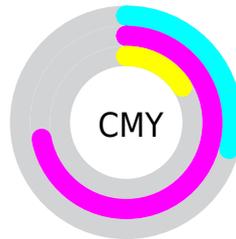
- Red (71%)
- Green (28%)
- Blue (84%)



- Red (71%)
- Yellow (28%)
- Blue (84%)



- Cyan (16%)
- Magenta (67%)
- Yellow (0%)
- Black (16%)



- Cyan (29%)
- Magenta (72%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.8930, 46.3948, 52.7138 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 119.8930, 46.3948, 52.7138 by changing the saturation by 10% instead.

■ 119.8930, 46.3948,
52.7138

■ 119.8930, 46.3948,
52.7138

■ 255.0000, 0.0000,
0.0000

■ 90.4200, 47.1209,
53.1287

■ 175.0800, 39.4006,
56.0578

■ 54.7890, 50.8830,
59.8210

■ 196.3000, 28.9391,
51.4799

■ 43.4530, 43.6537,
45.2067

■ 212.7360, 20.8362,
37.0655

■ 32.1170, 36.4243,
30.5924

■ 229.7590, 12.4438,
22.1364

■ 21.7920, 29.1895,
17.7224

■ 246.7820, 4.0515,
7.2072

■ 6.7970, 24.7501,
-5.0840

■ 5.0500, 14.2723,

-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 119.8930, 46.3948,
52.7138

■ 119.8930, 46.3948,
52.7138

■ 106.0710, 53.2090,
60.4507

■ 133.7150, 39.5805,
44.9769

■ 91.6620, 60.3126,
68.7024

■ 148.1240, 32.4769,
36.7253

■ 77.8400, 67.1269,
76.4393

■ 161.9460, 25.6626,
28.9884

■ 73.1330, 69.4474,
78.8134

■ 176.3550, 18.5590,
20.7367

190.1770, 11.7447,
12.9998

204.2980, 4.7831,
5.8777

218.7070, -2.3206,
-2.3740

232.5290, -9.1348,
-10.1109

241.6550,
-13.6339, -13.7294

Harmonies

Analogous

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



95.4010, 78.6823, -83.6667



119.8930, 46.3948, 52.7138



86.5390, 30.3003, 128.4463

Triad

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



119.8930, 46.3948, 52.7138



114.5030, -56.4500, 46.0399



107.3160, 30.4102, -94.1161

Complementary

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



119.8930, 46.3948, 52.7138



165.1070, -46.3948, -52.7138

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.



98.1790, -2.0602, -86.1030



119.8930, 46.3948, 52.7138



107.6830, -53.0877, -5.8610

Square

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



119.8930, 46.3948, 52.7138



106.5490, -52.5287, 95.1115



84.5280, -41.6723, -74.1311



113.2100, 58.0705, -99.2852

Rectangle

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



119.8930, 46.3948, 52.7138



83.7580, 8.0073, 138.7782



84.5280, -41.6723, -74.1311



104.4660, 19.4903, -91.6167

Sweetspot

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



119.8930, 46.3948, 52.7138



221.4750, 16.5278, 18.8774



108.4340, 52.0440, -32.8296



107.4110, 10.1504, 11.0406



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.



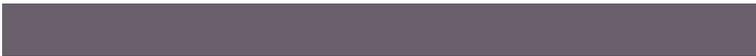
119.8930, 46.3948, 52.7138



120.6010, 66.2587, 74.8949



125.9550, 25.6582, 77.2155



99.9450, 3.4781, 4.4332



58.3640, 55.5295, 62.8248



14.7690, 13.9179, 15.9886

Inverse Universe

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



117.6330, -6.2281, 84.5139



117.5820, -8.6679, 120.5156



159.0450, -25.6582, -77.2155



99.6310, -0.3111, 6.4626



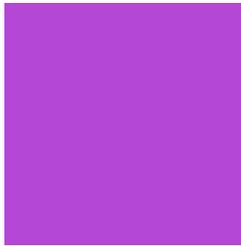
55.8030, -7.2979, 101.0278



13.9970, -1.9705, 25.4356

Previews

White Background



This preview shows how the YUV color 119.8930, 46.3948, 52.7138 looks on a white background.

Color Contrast Check

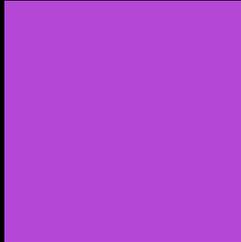
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.8930, 46.3948, 52.7138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

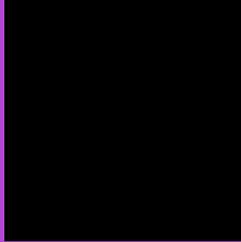
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.8930, 46.3948, 52.7138

Background



This preview shows how black text looks on a background with the YUV color 119.8930, 46.3948, 52.7138.



This preview shows how white text looks on a background with the YUV color 119.8930, 46.3948, 52.7138.

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

119.8930, 46.3948, 52.7138

Protanopia

96.9510, 74.4672, -85.0260

Deuteranopia

113.5220, 45.0987, -45.1848



Tritanopia

122.4500, -5.6448, 37.3164

Trichromacy



Original Color

119.8930, 46.3948, 52.7138



Protanomaly

105.0390, 64.5638, -35.1142



Deuteranomaly

115.5680, 45.5690, -9.2681



Tritanomaly

121.1190, 13.2523, 42.8686

Monochromacy



Original Color

119.8930, 46.3948, 52.7138



Achromatopsia

120.0000, 0.0000, 0.0000



Achromatomaly

119.8880, 16.8172, 19.3922

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.8930, 46.3948, 52.7138 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, 71, 214)` looks like.

```
.text, #text, p{  
    color:rgb(180, 71, 214)  
}
```

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, 71, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 71, 214) }
```

Border

The CSS property to change the border of an element to YUV 119.8930, 46.3948, 52.7138 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, 71, 214) }
```

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

```
.border{ border-color:rgb(180, 71, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 71, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 71, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 71, 214);  
box-shadow:4px 4px 4px 4px rgb(180, 71,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 119.8930, 46.3948, 52.7138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 71, 214) }
```

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

```
.background{ background-color: rgb(180, 71,  
214) }
```

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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