

Converting Colors

YUV(123.0570, 61.1039,
48.1850)

Have a look what the booklet for
YUV(123.0570, 61.1039, 48.1850)
contains.

YUV(123.0570, 61.1039, 48.1850)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(123.0570, 61.1039,
48.1850)**

Conversions

Conversions Part 1

Format	Color
Hex	B247F7
RGB	178, 71, 247
RGB Percent	70%, 28%, 97%
CMY	0.3020, 0.7216, 0.0314
CMYK	0.28, 0.71, 0.00, 0.03
HSL	276°, 92%, 62%
HSV	276°, 71%, 97%
XYZ	37.4018, 20.6869, 90.0174
YIQ	123.0570, 7.2760, 77.4200

Conversions

Conversions Part 2

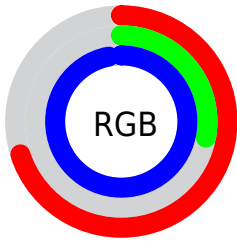
Format	Color
RYB	178, 71, 247
Decimal	11683831
CIELab	52.61, 70.69, -69.42
CIELCh	53, 99.079, 315.517
Yxy	20.6869, 0.2525, 0.1397
Android (android.graphics.Color)	4289873911 (0xFFB247F7)
YUV	123.0570, 61.1039, 48.1850
Hunter-Lab	45.4828, 67.1909, -85.5059

Details

The YUV color **123.0570, 61.1039, 48.1850** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed purple. A complement of this color would be **194.9430, -61.1039, -48.1850**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.3680, 39.2586, 54.9283**, and **57.1270, 65.0134, 54.2626** is the 20% darker color. If you saturate the color by 10%, you get **105.3920, 69.8127, 54.9072**, and if you desaturate by 10%, it is **140.7220, 52.3951, 41.4628**.

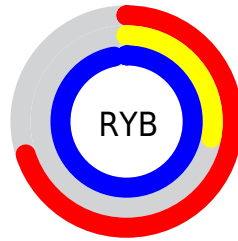
Distribution



Red (70%)

Green (28%)

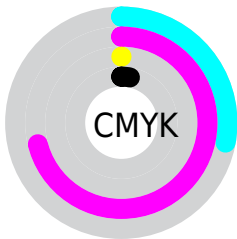
Blue (97%)



Red (70%)

Yellow (28%)

Blue (97%)

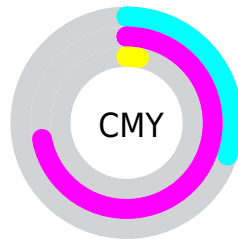


Cyan (28%)

Magenta (71%)

Yellow (0%)

Black (3%)



Cyan (30%)


Magenta (72%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YUV color 123.0570, 61.1039, 48.1850 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 123.0570, 61.1039, 48.1850 by changing the saturation by 10% instead.


 123.0570, 61.1039,
48.1850


 123.0570, 61.1039,
48.1850


255.0000, 0.0000,
0.0000


 92.5840, 61.8301,
48.5998


 175.3680, 39.2586,
54.9283


 57.1270, 65.0134,
54.2626


 196.8870, 28.6497,
50.9651


 45.3780, 57.4946,
39.1335


 213.9100, 20.2574,
36.0359

 33.0310, 50.2707,
22.7748

 230.9330, 11.8650,
21.1068

 19.4880, 43.6364,
3.9570

 247.9560, 3.4727,
6.1776

 9.4620, 36.2542,
-8.2982

 10.2480, 24.0347,

-8.9875

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 123.0570, 61.1039,
48.1850

■ 123.0570, 61.1039,
48.1850

■ 105.3920, 69.8127,
54.9072

■ 140.7220, 52.3951,
41.4628

■ 88.6130, 78.0848,
61.7294

■ 157.5010, 44.1230,
34.6406

■ 73.0080, 85.7781,
67.5220

■ 175.1660, 35.4142,
27.9184

■ 192.8310, 26.7053,
21.1962

210.1970, 18.1439,
13.8592

227.2750, 9.7244,
7.6518

244.9400, 1.0156,
0.9296

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.



101.2710, 75.7884, -88.8147



123.0570, 61.1039, 48.1850



94.4290, 37.2565, 137.3128

Triad

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



123.0570, 61.1039, 48.1850



117.8360, -58.0931, 59.7798



112.5990, 27.8057, -98.7493

Complementary

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



123.0570, 61.1039, 48.1850



194.9430, -61.1039, -48.1850

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.



100.5780, -10.6380, -88.2069



123.0570, 61.1039, 48.1850



113.3200, -55.8668, -1.1576

Square

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



123.0570, 61.1039, 48.1850



99.9360, -49.2684, 122.8361



88.0500, -43.4087, -77.2198



120.9040, 62.1653, -106.0328

Rectangle

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



123.0570, 61.1039, 48.1850



89.2410, 12.2062, 145.3706



88.0500, -43.4087, -77.2198



108.7060, 15.4279, -95.3352

Sweetspot

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



123.0570, 61.1039, 48.1850



217.0230, 18.7227, 14.8888



132.1540, 56.6191, -53.6321



105.3290, 11.1768, 8.4815



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.



123.0570, 61.1039, 48.1850



100.7330, 76.0536, 59.8702



141.6360, 43.0705, 92.4042



113.7600, 4.0623, 3.7185



54.9910, 64.5874, 50.8739



17.4900, 20.4644, 16.2333

Inverse Universe

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



131.4900, 4.1954, 101.3023



111.2850, 5.2825, 126.0381



176.3640, -43.0705, -92.4042



114.1580, 0.4151, 6.8774



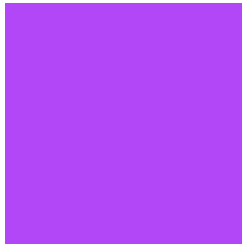
63.9360, 4.4686, 107.0501



20.2630, 1.3493, 33.9723

Previews

White Background



This preview shows how the YUV color 123.0570, 61.1039, 48.1850 looks on a white background.

Color Contrast Check

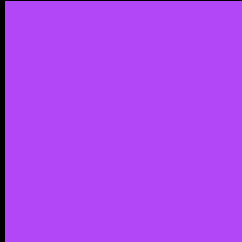
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.0570, 61.1039, 48.1850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

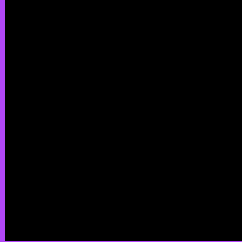
Any Text WCAG AA ✓ Pass

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 123.0570, 61.1039, 48.1850 Background



This preview shows how black text looks on a background with the YUV color 123.0570, 61.1039, 48.1850.



This preview shows how white text looks on a background with the YUV color 123.0570, 61.1039,

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

123.0570, 61.1039, 48.1850

Protanopia

105.4790, 73.7139, -76.7191

Deuteranopia

100.7860, 61.2375, -88.3893



Tritanopia

127.7690, -2.8441, 25.6356

Trichromacy



Original Color

123.0570, 61.1039, 48.1850



Protanomaly

111.9130, 69.0629, -31.4957



Deuteranomaly

108.8060, 61.2276, -38.4179



Tritanomaly

125.8990, 20.2628, 34.2916

Monochromacy



Original Color

123.0570, 61.1039, 48.1850



Achromatopsia

123.0000, 0.0000, 0.0000



Achromatomaly

122.9570, 22.2062, 17.5777

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.0570, 61.1039, 48.1850 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(178, 71, 247)` looks like.

```
.text, #text, p{  
    color:rgb(178, 71, 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(178, 71, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 71, 247) }
```

Border

The CSS property to change the border of an element to YUV 123.0570, 61.1039, 48.1850 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(178, 71, 247) }
```


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

```
.border{ border-color:rgb(178, 71, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 71, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 71, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 71, 247);  
box-shadow:4px 4px 4px 4px rgb(178, 71,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 123.0570, 61.1039, 48.1850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 71, 247) }
```

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

```
.background{ background-color: rgb(178, 71,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor