

Converting Colors

YUV(123.2130, 30.9540,
58.5722)

Have a look what the booklet for
YUV(123.2130, 30.9540, 58.5722)
contains.

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Color

**YUV(123.2130, 30.9540,
58.5722)**

Conversions

Conversions Part 1

Format	Color
Hex	BE4DBA
RGB	190, 77, 186
RGB Percent	75%, 30%, 73%
CMY	0.2549, 0.6980, 0.2706
CMYK	0.00, 0.59, 0.02, 0.25
HSL	302°, 47%, 52%
HSV	302°, 59%, 75%
XYZ	32.7520, 19.8001, 48.5499
YIQ	123.2130, 32.3590, 57.8550

Conversions

Conversions Part 2

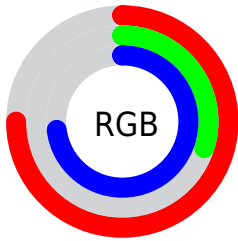
Format	Color
R_{YB}	190, 77, 186
Decimal	12471738
CIE _{Lab}	51.61, 59.11, -36.22
CIE _{LCh}	52, 69.331, 328.501
Yxy	19.8001, 0.3240, 0.1958
Android (android.graphics.Color)	4290661818 (0xFFBE4DBA)
YUV	123.2130, 30.9540, 58.5722
Hunter-Lab	44.4973, 53.5138, -33.5419

Details

The YUV color **123.2130, 30.9540, 58.5722** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **143.7870, -30.9540, -58.5722**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.6370, 31.2380, 60.8314**, and **60.6850, 35.1583, 63.4203** is the 20% darker color. If you saturate the color by 10%, you get **111.9460, 36.0156, 68.4534**, and if you desaturate by 10%, it is **134.4800, 25.8924, 48.6910**.

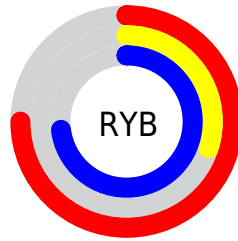
Distribution



Red (75%)

Green (30%)

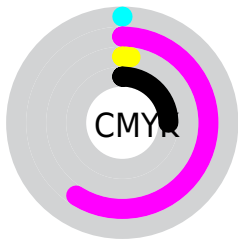
Blue (73%)



Red (75%)

Yellow (30%)

Blue (73%)

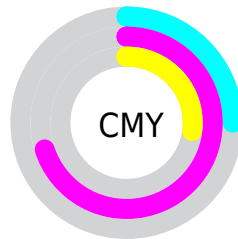


Cyan (0%)

Magenta (59%)

Yellow (2%)

Black (25%)



Cyan (25%)

Magenta (70%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.2130, 30.9540, 58.5722 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 123.2130, 30.9540, 58.5722 by changing the saturation by 10% instead.

123.2130, 30.9540,
58.5722

123.2130, 30.9540,
58.5722

255.0000, 0.0000,
0.0000

94.4410, 31.8276,
58.3722

179.6370, 31.2380,
60.8314

60.6850, 35.1583,
63.4203

199.2350, 27.4921,
48.9059

43.8920, 31.1122,
54.4687

215.6710, 19.3892,
34.4915

32.9690, 24.1723,
40.3692

232.6940, 10.9969,
19.5624

23.1710, 17.6637,
27.9140

250.3040, 2.3151,
4.1184

11.5790, 12.0396,
11.7702

1.2540, 4.8048,

-1.0998

■ 0.0000, 0.0000,
0.0000

■ 123.2130, 30.9540,
58.5722

■ 123.2130, 30.9540,
58.5722

■ 111.9460, 36.0156,
68.4534

■ 134.4800, 25.8924,
48.6910

■ 100.7930, 41.5141,
78.2345

■ 145.6330, 20.3939,
38.9099

■ 89.5260, 46.5757,
88.1157

■ 156.9000, 15.3323,
29.0287

■ 78.2590, 51.6373,
97.9969

■ 168.1670, 10.2707,
19.1475

■ 77.6720, 51.9267,
98.5117

■ 179.3200, 4.7722,
9.3664

■ 190.5870, -0.2894,
-0.5148

■ 201.8540, -5.3510,
-10.3960

■ 213.0070,
-10.8495, -20.1771

■ 224.2740,
-15.9111, -30.0583

Harmonies

Analogous

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



122.5770, 51.9735, -10.1530



123.2130, 30.9540, 58.5722



111.9070, 8.4268, 97.4286

Triad

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



123.2130, 30.9540, 58.5722



115.5890, -56.9854, 31.0554



107.7550, 34.6308, -94.5011

Complementary

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



123.2130, 30.9540, 58.5722



143.7870, -30.9540, -58.5722

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.



100.9150, 8.4229, -88.5025



123.2130, 30.9540, 58.5722



107.6390, -53.0660, -12.8384

Square

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



123.2130, 30.9540, 58.5722



115.0530, -53.7631, 70.9905



91.4990, -17.5010, -80.2446



110.0640, 56.1704, -96.5261

Rectangle

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



123.2130, 30.9540, 58.5722



111.1790, -10.9342, 100.6980



91.4990, -17.5010, -80.2446



105.5890, 26.3316, -92.6016

Sweetspot

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



123.2130, 30.9540, 58.5722



221.0580, 12.2964, 22.7511



91.0780, 48.7685, -8.8384



108.4500, 7.6662, 14.5144



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



123.2130, 30.9540, 58.5722



143.5910, 48.0226, 90.6897



116.8290, 6.4933, 64.1710



88.7170, 2.6045, 4.6332



64.6840, 43.5398, 81.8381



12.6890, 8.5343, 16.0587

Inverse Universe

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



123.2130, 30.9540, 58.5722



143.5910, 48.0226, 90.6897



150.1710, -6.4933, -64.1710



88.7170, 2.6045, 4.6332



64.6840, 43.5398, 81.8381



12.6890, 8.5343, 16.0587

Previews

White Background



This preview shows how the YUV color 123.2130, 30.9540, 58.5722 looks on a white background.

Color Contrast Check

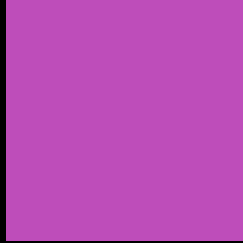
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.2130, 30.9540, 58.5722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

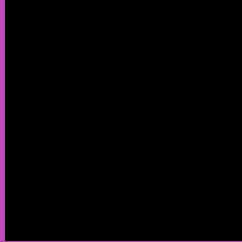
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.2130, 30.9540, 58.5722

Background



This preview shows how black text looks on a background with the YUV color 123.2130, 30.9540, 58.5722.



This preview shows how white text looks on a background with the YUV color 123.2130, 30.9540,

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

123.2130, 30.9540, 58.5722

Protanopia

117.5040, 52.5025, -39.9070

Deuteranopia

122.4040, 27.4088, -17.8943



Tritanopia

124.3160, -9.0298, 49.7119

Trichromacy



Original Color

123.2130, 30.9540, 58.5722



Protanomaly

119.3730, 44.6791, -3.8351



Deuteranomaly

122.9220, 28.6325, 9.7154



Tritanomaly

123.8230, 5.5103, 52.7752

Monochromacy



Original Color

123.2130, 30.9540, 58.5722



Achromatopsia

123.0000, 0.0000, 0.0000



Achromatomaly

122.8190, 11.4282, 21.2067

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.2130, 30.9540, 58.5722 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(190, 77, 186)` looks like.

```
.text, #text, p{  
    color:rgb(190, 77, 186)  
}
```

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(190, 77, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 77, 186) }
```

Border

The CSS property to change the border of an element to YUV 123.2130, 30.9540, 58.5722 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(190, 77, 186) }
```


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

```
.border{ border-color:rgb(190, 77, 186) }
```

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

Here you see how a box with a 4 pixel rgb(190, 77, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 77, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 77, 186);  
box-shadow:4px 4px 4px 4px rgb(190, 77,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 123.2130, 30.9540, 58.5722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 77, 186) }
```

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

```
.background{ background-color: rgb(190, 77,  
186) }
```

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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