

Converting Colors

YUV(131.2120, 32.4335,
50.6801)

Have a look what the booklet for
YUV(131.2120, 32.4335, 50.6801)
contains.

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Color

**YUV(131.2120, 32.4335,
50.6801)**

Conversions

Conversions Part 1

Format	Color
Hex	BD59C5
RGB	189, 89, 197
RGB Percent	74%, 35%, 77%
CMY	0.2588, 0.6510, 0.2275
CMYK	0.04, 0.55, 0.00, 0.23
HSL	296°, 48%, 56%
HSV	296°, 55%, 77%
XYZ	34.6367, 21.9948, 55.2432
YIQ	131.2120, 24.9320, 54.7880

Conversions

Conversions Part 2

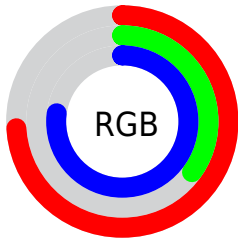
Format	Color
R _Y B	189, 89, 197
Decimal	12409285
CIE Lab	54.02, 55.32, -38.79
CIE LCh	54, 67.565, 324.964
Yxy	21.9948, 0.3096, 0.1966
Android (android.graphics.Color)	4290599365 (0xFFBD59C5)
YUV	131.2120, 32.4335, 50.6801
Hunter-Lab	46.8986, 49.7576, -37.0103

Details

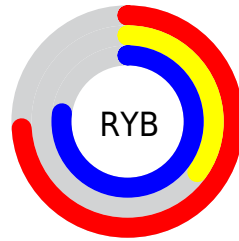
The YUV color **131.2120, 32.4335, 50.6801** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **154.7880, -32.4335, -50.6801**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.7500, 33.1543, 52.8393**, and **75.4400, 33.3071, 50.4801** is the 20% darker color. If you saturate the color by 10%, you get **119.1730, 38.3687, 60.3613**, and if you desaturate by 10%, it is **143.2510, 26.4983, 40.9989**.

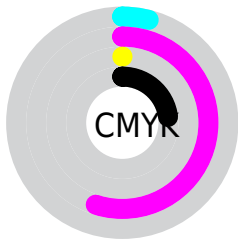
Distribution



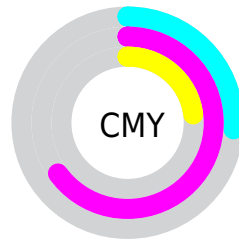
- Red (74%)
- Green (35%)
- Blue (77%)



- Red (74%)
- Yellow (35%)
- Blue (77%)



- Cyan (4%)
- Magenta (55%)
- Yellow (0%)
- Black (23%)





- Cyan (26%)
- Magenta (65%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YUV color 131.2120, 32.4335, 50.6801 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 131.2120, 32.4335, 50.6801 by changing the saturation by 10% instead.


 131.2120, 32.4335,
50.6801


 131.2120, 32.4335,
50.6801


255.0000, 0.0000,
0.0000


 103.7990, 32.1441,
50.1653


 186.7500, 33.1543,
52.8393


 75.4400, 33.3071,
50.4801


 205.6920, 24.3088,
43.2431


 45.0320, 35.4802,
53.4689

 222.1280, 16.2059,
28.8287

 34.1090, 28.5403,
39.3694

 239.1510, 7.8136,
13.8996

 23.8980, 21.7423,
26.3995

 13.5020, 15.5285,
12.7147

 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 131.2120, 32.4335,
50.6801

■ 131.2120, 32.4335,
50.6801

■ 119.1730, 38.3687,
60.3613

■ 143.2510, 26.4983,
40.9989

■ 107.4220, 44.1620,
68.9129

■ 155.0020, 20.7050,
32.4472

■ 95.3830, 50.0972,
78.5941

■ 167.0410, 14.7698,
22.7660

■ 83.0450, 56.1798,
87.6605

■ 179.3790, 8.6872,
13.6996

■ 76.8760, 59.2211,
92.1937

■ 191.4180, 2.7519,
4.0184

■ 203.1690, -3.0413,
-4.5332

■ 215.2080, -8.9765,
-14.2144

■ 227.5460,
-15.0592, -23.2808

■ 232.5410,
-17.5217, -26.7845

Harmonies

Analogous

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



127.5650, 53.4585, -19.7895



131.2120, 32.4335, 50.6801



121.9170, 9.9009, 91.2808

Triad

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



131.2120, 32.4335, 50.6801



121.2370, -59.7698, 37.5032



111.1630, 32.4576, -97.4900

Complementary

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



131.2120, 32.4335, 50.6801



154.7880, -32.4335, -50.6801

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.



104.3230, 6.2498, -91.4913



131.2120, 32.4335, 50.6801



114.4720, -56.4347, -5.6759

Square

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



131.2120, 32.4335, 50.6801



122.4260, -46.0590, 73.2944



94.5480, -18.5112, -82.9186



114.1730, 54.1447, -100.1297

Rectangle

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



131.2120, 32.4335, 50.6801



119.8520, -8.3080, 98.3538



94.5480, -18.5112, -82.9186



108.9970, 24.1585, -95.5904

Sweetspot

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



131.2120, 32.4335, 50.6801



230.0360, 12.3073, 19.2624



106.5950, 44.5697, -15.4308



112.7270, 7.5296, 11.6404



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.



131.2120, 32.4335, 50.6801



152.7960, 50.3866, 79.1089



128.4740, 11.5983, 60.0973



93.7170, 2.6045, 4.6332



63.7310, 48.9396, 76.5349



13.9710, 10.8603, 16.6884

Inverse Universe

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



122.2040, -12.4256, 65.5961



138.6000, -19.5228, 102.0828



157.5260, -11.5983, -60.0973



92.6910, -1.3267, 5.5330



50.1050, -18.7858, 99.0089



11.1060, -3.9963, 21.8320

Previews

White Background



This preview shows how the YUV color 131.2120, 32.4335, 50.6801 looks on a white background.

Color Contrast Check

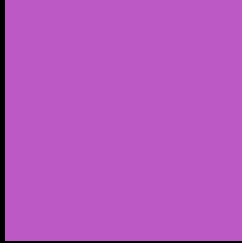
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.2120, 32.4335, 50.6801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

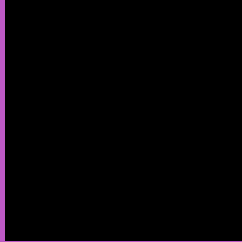
Any Text WCAG AA ✓ Pass

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 131.2120, 32.4335, 50.6801 Background



This preview shows how black text looks on a background with the YUV color 131.2120, 32.4335, 50.6801.



This preview shows how white text looks on a background with the YUV color 131.2120, 32.4335,

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

131.2120, 32.4335, 50.6801

Protanopia

124.4010, 52.0603, -38.0627

Deuteranopia

128.4790, 30.3299, -21.4681



Tritanopia

131.5430, -6.6767, 41.6198

Trichromacy



Original Color

131.2120, 32.4335, 50.6801



Protanomaly

127.0630, 44.8319, -6.1943



Deuteranomaly

129.2850, 31.4115, 5.0121



Tritanomaly

131.3490, 7.7159, 45.2979

Monochromacy



Original Color

131.2120, 32.4335, 50.6801



Achromatopsia

131.0000, 0.0000, 0.0000



Achromatomaly

131.2100, 11.7285, 18.2328

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.2120, 32.4335, 50.6801 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(189, 89, 197)` looks like.

```
.text, #text, p{  
    color:rgb(189, 89, 197)  
}
```

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(189, 89, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 89, 197) }
```

Border

The CSS property to change the border of an element to YUV 131.2120, 32.4335, 50.6801 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(189, 89, 197) }
```


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

```
.border{ border-color:rgb(189, 89, 197) }
```

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

Here you see how a box with a 4 pixel rgb(189, 89, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 89, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 89, 197);  
box-shadow:4px 4px 4px 4px rgb(189, 89,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 131.2120, 32.4335, 50.6801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 89, 197) }
```

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

```
.background{ background-color: rgb(189, 89,  
197) }
```

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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