

Converting Colors

YUV(119.3270, 31.3908,
58.4722)

Have a look what the booklet for
YUV(119.3270, 31.3908, 58.4722)
contains.

YUV(119.3270, 31.3908, 58.4722)	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(119.3270, 31.3908,
58.4722)**

Conversions

Conversions Part 1

Format	Color
Hex	BA49B7
RGB	186, 73, 183
RGB Percent	73%, 29%, 72%
CMY	0.2706, 0.7137, 0.2824
CMYK	0.00, 0.61, 0.02, 0.27
HSL	302°, 45%, 51%
HSV	302°, 61%, 73%
XYZ	31.1795, 18.6231, 46.7510
YIQ	119.3270, 32.0380, 58.1660

Conversions

Conversions Part 2

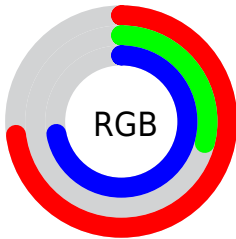
Format	Color
R_{YB}	186, 73, 183
Decimal	12208567
CIE Lab	50.24, 59.31, -36.67
CIE LCh	50, 69.727, 328.270
Yxy	18.6231, 0.3229, 0.1929
Android (android.graphics.Color)	4290398647 (0xFFBA49B7)
YUV	119.3270, 31.3908, 58.4722
Hunter-Lab	43.1545, 53.4475, -34.0232

Details

The YUV color **119.3270, 31.3908, 58.4722** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **139.6730, -31.3908, -58.4722**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.6370, 31.2380, 60.8314**, and **54.1630, 36.8946, 66.5090** is the 20% darker color. If you saturate the color by 10%, you get **108.1740, 36.8892, 68.2534**, and if you desaturate by 10%, it is **130.4800, 25.8924, 48.6910**.

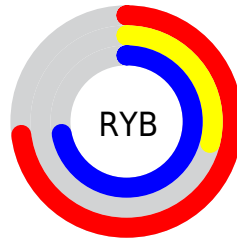
Distribution



Red (73%)

Green (29%)

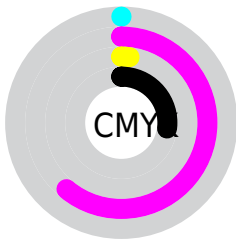
Blue (72%)



Red (73%)

Yellow (29%)

Blue (72%)

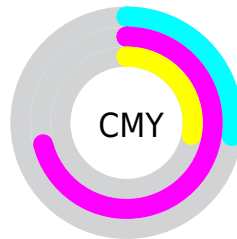


Cyan (0%)

Magenta (61%)

Yellow (2%)

Black (27%)



Cyan (27%)

Magenta (71%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.3270, 31.3908, 58.4722 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 119.3270, 31.3908, 58.4722 by changing the saturation by 10% instead.

■ 119.3270, 31.3908,
58.4722

■ 119.3270, 31.3908,
58.4722

255.0000, 0.0000,
0.0000

■ 90.8540, 32.1170,
58.8870

■ 175.6370, 31.2380,
60.8314

■ 54.1630, 36.8946,
66.5090

■ 196.8870, 28.6497,
50.9651

■ 42.3540, 30.3915,
52.3095

■ 213.3230, 20.5468,
36.5507

■ 31.4310, 23.4515,
38.2100

■ 230.3460, 12.1544,
21.6216

■ 21.9320, 16.7955,
26.3696

■ 247.3690, 3.7621,
6.6924

■ 9.4430, 11.6136,
8.3815

■ 0.6840, 2.6208,

-0.5999

■ 0.0000, 0.0000,
0.0000

■ 119.3270, 31.3908,
58.4722

■ 119.3270, 31.3908,
58.4722

■ 108.1740, 36.8892,
68.2534

■ 130.4800, 25.8924,
48.6910

■ 97.4940, 41.6615,
77.6198

■ 141.1600, 21.1201,
39.3247

■ 86.3410, 47.1599,
87.4009

■ 152.3130, 15.6217,
29.5435

■ 76.2480, 51.6427,
96.2525

■ 162.9930, 10.8495,
20.1771

■ 174.1460, 5.3510,
10.3960

■ 185.4130, 0.2894,
0.5148

■ 195.9790, -4.9196,
-8.7516

■ 207.2460, -9.9813,
-18.6327

■ 217.8120,
-15.1903, -27.8991

Harmonies

Analogous

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



118.6800, 52.4158, -11.9974



119.3270, 31.3908, 58.4722



107.4340, 9.1530, 97.8434

Triad

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



119.3270, 31.3908, 58.4722



112.3440, -55.3856, 31.2703



104.9510, 34.0412, -92.0420

Complementary

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



119.3270, 31.3908, 58.4722



139.6730, -31.3908, -58.4722

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.



98.1110, 7.8333, -86.0433



119.3270, 31.3908, 58.4722



104.0950, -51.3188, -13.2383

Square

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



119.3270, 31.3908, 58.4722



110.8250, -54.6367, 71.1905



88.6950, -18.0906, -77.7855



107.9610, 55.7282, -94.6818

Rectangle

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



119.3270, 31.3908, 58.4722



106.1190, -9.9187, 101.6276



88.6950, -18.0906, -77.7855



103.3720, 25.4526, -90.6572

Sweetspot

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



119.3270, 31.3908, 58.4722



216.6450, 12.0070, 22.2363



86.4800, 49.0634, -10.0680



106.1510, 7.8136, 13.8996



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



119.3270, 31.3908, 58.4722



137.6450, 49.4750, 91.5193



113.0570, 7.3669, 63.9710



86.7170, 2.6045, 4.6332



63.8580, 42.9610, 80.8085



11.4500, 7.6662, 14.5144

Inverse Universe

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



119.3270, 31.3908, 58.4722



137.6450, 49.4750, 91.5193



145.9430, -7.3669, -63.9710



86.7170, 2.6045, 4.6332



63.8580, 42.9610, 80.8085



11.4500, 7.6662, 14.5144

Previews

White Background



This preview shows how the YUV color 119.3270, 31.3908, 58.4722 looks on a white background.

Color Contrast Check

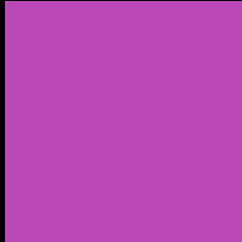
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.3270, 31.3908, 58.4722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

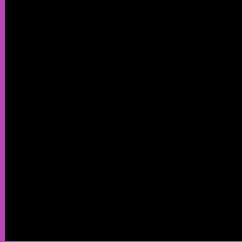
Any Text WCAG AA ✓ Pass

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 119.3270, 31.3908, 58.4722 Background



This preview shows how black text looks on a background with the YUV color 119.3270, 31.3908, 58.4722.



This preview shows how white text looks on a background with the YUV color 119.3270, 31.3908,

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

119.3270, 31.3908, 58.4722

Protanopia

113.7210, 53.3815, -41.8513

Deuteranopia

118.8060, 27.7036, -19.1239



Tritanopia

121.0170, -8.8824, 49.0971

Trichromacy



Original Color

119.3270, 31.3908, 58.4722

Protanomaly

115.8890, 45.4107, -5.1647

Deuteranomaly

118.7370, 29.2167, 9.0007

Tritanomaly

120.5240, 5.6577, 52.1605

Monochromacy



Original Color

119.3270, 31.3908, 58.4722

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.8190, 11.4282, 21.2067

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.3270, 31.3908, 58.4722 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(186, 73, 183)` looks like.

```
.text, #text, p{  
    color:rgb(186, 73, 183)  
}
```

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(186, 73, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 73, 183) }
```

Border

The CSS property to change the border of an element to YUV 119.3270, 31.3908, 58.4722 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(186, 73, 183) }
```


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

```
.border{ border-color:rgb(186, 73, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 73, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 73, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 73, 183);  
box-shadow:4px 4px 4px 4px rgb(186, 73,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 119.3270, 31.3908, 58.4722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 73, 183) }
```

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

```
.background{ background-color: rgb(186, 73,  
183) }
```

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