

Converting Colors

YUV(120.9420, 8.4096, 56.1789)

Have a look what the booklet for
YUV(120.9420, 8.4096, 56.1789)
contains.

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Color

**YUV(120.9420, 8.4096,
56.1789)**

Conversions

Conversions Part 1

Format	Color
Hex	B9558A
RGB	185, 85, 138
RGB Percent	73%, 33%, 54%
CMY	0.2745, 0.6667, 0.4588
CMYK	0.00, 0.54, 0.25, 0.27
HSL	328°, 42%, 53%
HSV	328°, 54%, 73%
XYZ	27.8435, 18.6463, 26.1763
YIQ	120.9420, 42.5870, 37.6830

Conversions

Conversions Part 2

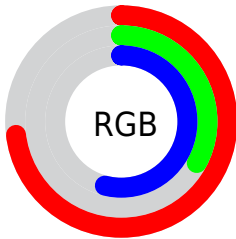
Format	Color
R _Y B	185, 85, 138
Decimal	12146058
CIE Lab	50.27, 46.42, -10.10
CIE LCh	50, 47.508, 347.726
Yxy	18.6463, 0.3832, 0.2566
Android (android.graphics.Color)	4290336138 (0xFFB9558A)
YUV	120.9420, 8.4096, 56.1789
Hunter-Lab	43.1813, 39.5304, -5.7144

Details

The YUV color **120.9420, 8.4096, 56.1789** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **149.0580, -8.4096, -56.1789**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.4370, 7.6726, 59.2528**, and **66.8000, 10.4516, 54.5494** is the 20% darker color. If you saturate the color by 10%, you get **108.7630, 9.9768, 66.8598**, and if you desaturate by 10%, it is **133.1210, 6.8423, 45.4979**.

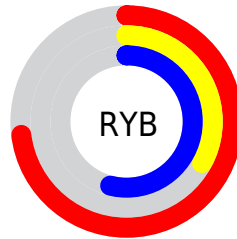
Distribution



Red (73%)

Green (33%)

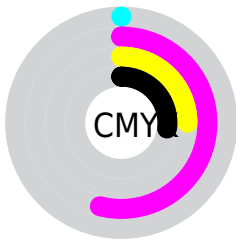
Blue (54%)



Red (73%)

Yellow (33%)

Blue (54%)

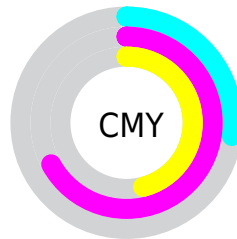


Cyan (0%)

Magenta (54%)

Yellow (25%)

Black (27%)



Cyan (27%)

Magenta (67%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.9420, 8.4096, 56.1789 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 120.9420, 8.4096, 56.1789 by changing the saturation by 10% instead.


 120.9420, 8.4096,
56.1789


 120.9420, 8.4096,
56.1789


255.0000, 0.0000,
0.0000


 94.4580, 9.1412,
54.8493


 175.4370, 7.6726,
59.2528


 66.8000, 10.4516,
54.5494


 198.6530, 10.0311,
49.4163

 37.9080, 13.3564,
56.2087


 218.3950, 14.5953,
32.1026

 27.3270, 7.7268,
41.8092

 235.6290, 9.5499,
16.9884

 18.1700, 2.3812,
29.6689

 252.6520, 1.1576,
2.0592

 3.5880, -1.7689,
7.3773

 0.0000, 0.0000,

0.0000

■ 120.9420, 8.4096,
56.1789

■ 120.9420, 8.4096,
56.1789

■ 108.7630, 9.9768,
66.8598

■ 133.1210, 6.8423,
45.4979

■ 97.2850, 11.6915,
76.9261

■ 144.5990, 5.1277,
35.4317

■ 85.1060, 13.2587,
87.6070

■ 156.7780, 3.5604,
24.7507

■ 73.5140, 14.5366,
97.7732

■ 168.3700, 2.2826,
14.5845

■ 66.4870, 15.5359,
103.9359

■ 180.4350, 0.2785,
4.0035

■ 192.0270, -0.9993,
-6.1627

■ 203.6190, -2.2772,
-16.3289

■ 215.7980, -3.8444,
-27.0098

■ 227.8630, -5.8485,
-37.5909

Harmonies

Analogous

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



123.3970, 24.9473, 25.0848



120.9420, 8.4096, 56.1789



118.3720, -10.5364, 66.3258

Triad

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



120.9420, 8.4096, 56.1789



112.7610, -37.8432, 4.5946



100.8250, 38.5403, -88.4235

Complementary

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



120.9420, 8.4096, 56.1789



149.0580, -8.4096, -56.1789

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.



97.8950, 22.2368, -85.8539



120.9420, 8.4096, 56.1789



106.9550, -22.1628, -31.5325

Square

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



120.9420, 8.4096, 56.1789



116.1930, -39.5351, 34.0337



92.5200, 4.1806, -81.1400



98.2950, 49.1546, -86.2047

Rectangle

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



120.9420, 8.4096, 56.1789



117.8370, -22.5976, 61.5330



92.5200, 4.1806, -81.1400



100.1580, 33.4461, -87.8386

Sweetspot

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



120.9420, 8.4096, 56.1789



215.0550, 3.4239, 21.8768



110.4530, 36.7517, 18.8967



105.2450, 1.8512, 12.9401



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



120.9420, 8.4096, 56.1789



139.9920, 12.8219, 87.7070



115.2420, -13.4303, 61.1778



86.1470, 0.4205, 5.1331



55.9920, 12.8219, 87.7070



10.0820, 2.4246, 15.7141

Inverse Universe

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



120.9420, 8.4096, 56.1789



139.9920, 12.8219, 87.7070



154.7580, 13.4303, -61.1778



86.1470, 0.4205, 5.1331



55.9920, 12.8219, 87.7070



10.0820, 2.4246, 15.7141

Previews

White Background



This preview shows how the YUV color 120.9420, 8.4096, 56.1789 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 120.9420, 8.4096, 56.1789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

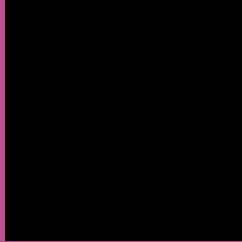
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.9420, 8.4096, 56.1789

Background



This preview shows how black text looks on a background with the YUV color 120.9420, 8.4096, 56.1789.



This preview shows how white text looks on a background with the YUV color 120.9420, 8.4096,

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

120.9420, 8.4096, 56.1789

Protanopia

120.4990, 19.9670, -10.9616

Deuteranopia

121.5150, 5.6621, 3.9333



Tritanopia

120.1100, -9.9142, 53.4005

Trichromacy



Original Color

120.9420, 8.4096, 56.1789

Protanomaly

120.9150, 15.8179, 13.2295

Deuteranomaly

120.9780, 6.9128, 22.8213

Tritanomaly

120.2440, -3.0783, 54.1600

Monochromacy



Original Color

120.9420, 8.4096, 56.1789

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.9300, 2.9925, 20.2324

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.9420, 8.4096, 56.1789 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(185, 85, 138)` looks like.

```
.text, #text, p{  
    color:rgb(185, 85, 138)  
}
```

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(185, 85, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 85, 138) }
```

Border

The CSS property to change the border of an element to YUV 120.9420, 8.4096, 56.1789 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(185, 85, 138) }
```


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

```
.border{ border-color:rgb(185, 85, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 85, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 85, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 85, 138);  
box-shadow:4px 4px 4px 4px rgb(185, 85,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 120.9420, 8.4096, 56.1789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 85, 138) }
```

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

```
.background{ background-color: rgb(185, 85,  
138) }
```

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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