

Converting Colors

YUV(121.0720, 48.2785,
55.1879)

Have a look what the booklet for
YUV(121.0720, 48.2785, 55.1879)
contains.

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Color

**YUV(121.0720, 48.2785,
55.1879)**

Conversions

Conversions Part 1

Format	Color
Hex	B846DB
RGB	184, 70, 219
RGB Percent	72%, 27%, 86%
CMY	0.2784, 0.7255, 0.1412
CMYK	0.16, 0.68, 0.00, 0.14
HSL	286°, 67%, 57%
HSV	286°, 68%, 86%
XYZ	34.7435, 19.6851, 68.9863
YIQ	121.0720, 20.1150, 70.5070

Conversions

Conversions Part 2

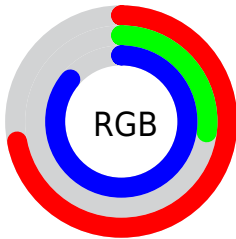
Format	Color
RYB	184, 70, 219
Decimal	12076763
CIELab	51.48, 66.65, -55.43
CIELCh	51, 86.686, 320.248
Yxy	19.6851, 0.2815, 0.1595
Android (android.graphics.Color)	4290266843 (0xFFB846DB)
YUV	121.0720, 48.2785, 55.1879
Hunter-Lab	44.3679, 62.1353, -61.1305

Details

The YUV color **121.0720, 48.2785, 55.1879** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **167.9280, -48.2785, -55.1879**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.2760, 38.8109, 58.5169**, and **56.5550, 52.4774, 61.7803** is the 20% darker color. If you saturate the color by 10%, you get **106.6630, 55.3821, 63.4395**, and if you desaturate by 10%, it is **135.4810, 41.1749, 46.9362**.

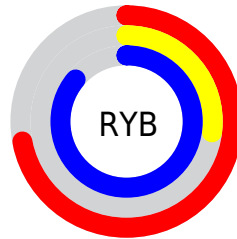
Distribution



Red (72%)

Green (27%)

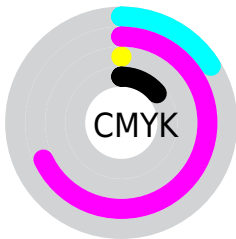
Blue (86%)



Red (72%)

Yellow (27%)

Blue (86%)

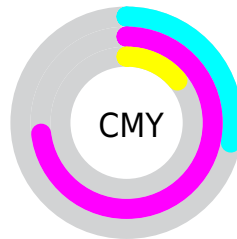


Cyan (16%)

Magenta (68%)

Yellow (0%)

Black (14%)



Cyan (28%)

Magenta (73%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.0720, 48.2785, 55.1879 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 121.0720, 48.2785, 55.1879 by changing the saturation by 10% instead.

121.0720, 48.2785,
55.1879

121.0720, 48.2785,
55.1879

255.0000, 0.0000,
0.0000

91.0120, 49.2941,
56.1175

176.2760, 38.8109,
58.5169

56.5550, 52.4774,
61.7803

196.3000, 28.9391,
51.4799

45.1050, 44.8112,
47.2659

212.7360, 20.8362,
37.0655

33.4700, 37.7293,
32.0368

229.7590, 12.4438,
22.1364

22.8460, 30.6419,
18.5521

247.3690, 3.7621,
6.6924

9.0470, 25.6128,
-1.7952

5.5060, 16.0195,

-4.8288

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 121.0720, 48.2785,
55.1879

■ 121.0720, 48.2785,
55.1879

■ 106.6630, 55.3821,
63.4395

■ 135.4810, 41.1749,
46.9362

■ 92.2540, 62.4858,
71.6912

■ 149.8900, 34.0712,
38.6845

■ 77.8450, 69.5894,
79.9429

■ 164.2990, 26.9676,
30.4328

■ 75.1980, 70.8944,
81.3874

■ 179.0070, 19.7165,
22.7959

193.4160, 12.6129,
14.5442

207.2380, 5.7987,
6.8073

221.6470, -1.3050,
-1.4444

236.0560, -8.4086,
-9.6961

243.4210,
-12.0396, -11.7702

Harmonies

Analogous

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



95.9880, 78.3929, -84.1815



121.0720, 48.2785, 55.1879



88.2620, 30.4368, 131.3202

Triad

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



121.0720, 48.2785, 55.1879



115.6880, -57.0342, 46.7546



109.4190, 30.8524, -95.9605

Complementary

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



121.0720, 48.2785, 55.1879



167.9280, -48.2785, -55.1879

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.



99.4670, -2.2022, -87.2326



121.0720, 48.2785, 55.1879



109.1560, -53.8139, -6.2758

Square

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



121.0720, 48.2785, 55.1879



108.0440, -53.2657, 98.1854



85.7020, -42.2511, -75.1607



115.6550, 59.8231, -101.4294

Rectangle

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



121.0720, 48.2785, 55.1879



85.6660, 7.5597, 142.3669



85.7020, -42.2511, -75.1607



106.5690, 19.9325, -93.4610

Sweetspot

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



121.0720, 48.2785, 55.1879



221.4750, 16.5278, 18.8774



108.7050, 54.3754, -33.9443



107.4110, 10.1504, 11.0406



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.



121.0720, 48.2785, 55.1879



117.6660, 67.7057, 77.4689



127.3190, 26.9577, 80.4042



102.6460, 3.6255, 3.8185



59.4890, 55.9609, 64.4691



15.7090, 14.9335, 16.9182

Inverse Universe

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



118.5410, -6.6757, 88.1025



114.0770, -9.4050, 123.5895



161.6810, -26.9577, -80.4042



102.5170, -0.7479, 6.5626



56.4010, -7.5927, 102.2573



15.0080, -1.9759, 27.1800

Previews

White Background



This preview shows how the YUV color 121.0720, 48.2785, 55.1879 looks on a white background.

Color Contrast Check

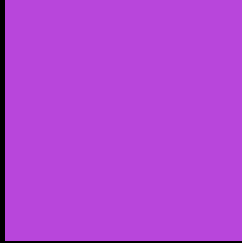
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.0720, 48.2785, 55.1879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

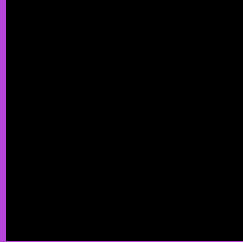
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.0720, 48.2785, 55.1879

Background



This preview shows how black text looks on a background with the YUV color 121.0720, 48.2785, 55.1879.



This preview shows how white text looks on a background with the YUV color 121.0720, 48.2785,

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

121.0720, 48.2785, 55.1879

Protanopia

98.5810, 75.6356, -86.4555

Deuteranopia

114.5540, 46.5619, -47.8439



Tritanopia

124.3470, -6.0871, 39.1607

Trichromacy



Original Color

121.0720, 48.2785, 55.1879



Protanomaly

106.6800, 65.7268, -34.7994



Deuteranomaly

116.7250, 47.4636, -10.2828



Tritanomaly

123.2440, 13.6837, 44.5130

Monochromacy



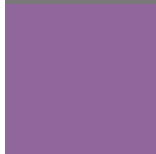
Original Color

121.0720, 48.2785, 55.1879



Achromatopsia

121.0000, 0.0000, 0.0000



Achromatomaly

120.8280, 17.8328, 20.3218

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.0720, 48.2785, 55.1879 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(184, 70, 219)` looks like.

```
.text, #text, p{  
    color:rgb(184, 70, 219)  
}
```

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(184, 70, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 70, 219) }
```

Border

The CSS property to change the border of an element to YUV 121.0720, 48.2785, 55.1879 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(184, 70, 219) }
```


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

```
.border{ border-color:rgb(184, 70, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 70, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 70, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 70, 219);  
box-shadow:4px 4px 4px 4px rgb(184, 70,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 121.0720, 48.2785, 55.1879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 70, 219) }
```

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

```
.background{ background-color: rgb(184, 70,  
219) }
```

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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