

Converting Colors

YUV(122.3930, 27.9073,
55.7833)

Have a look what the booklet for
YUV(122.3930, 27.9073, 55.7833)
contains.

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Color

**YUV(122.3930, 27.9073,
55.7833)**

Conversions

Conversions Part 1

Format	Color
Hex	BA4FB3
RGB	186, 79, 179
RGB Percent	73%, 31%, 70%
CMY	0.2706, 0.6902, 0.2980
CMYK	0.00, 0.58, 0.04, 0.27
HSL	304°, 44%, 52%
HSV	304°, 58%, 73%
XYZ	31.1824, 19.2857, 44.7269
YIQ	122.3930, 31.6720, 53.7840

Conversions

Conversions Part 2

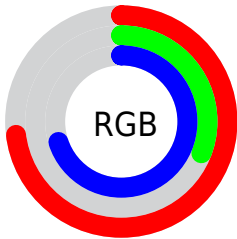
Format	Color
R _Y B	186, 79, 179
Decimal	12210099
CIE Lab	51.02, 55.97, -33.12
CIE LCh	51, 65.035, 329.383
Yxy	19.2857, 0.3276, 0.2026
Android (android.graphics.Color)	4290400179 (0xFFBA4FB3)
YUV	122.3930, 27.9073, 55.7833
Hunter-Lab	43.9155, 49.8923, -29.6445

Details

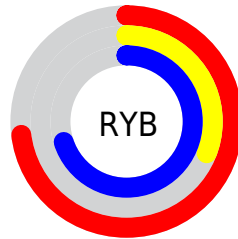
The YUV color **122.3930, 27.9073, 55.7833** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **142.6070, -27.9073, -55.7833**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.4040, 27.9018, 57.5277**, and **63.8000, 30.6646, 58.0574** is the 20% darker color. If you saturate the color by 10%, you get **111.1260, 32.9689, 65.6645**, and if you desaturate by 10%, it is **133.6600, 22.8456, 45.9022**.

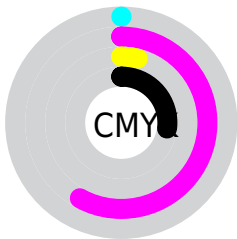
Distribution



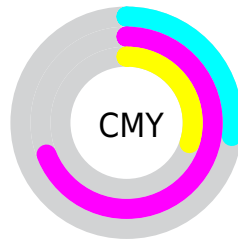
- Red (73%)
- Green (31%)
- Blue (70%)



- Red (73%)
- Yellow (31%)
- Blue (70%)



- Cyan (0%)
- Magenta (58%)
- Yellow (4%)
- Black (27%)



- Cyan (27%)
- Magenta (69%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.3930, 27.9073, 55.7833 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 122.3930, 27.9073, 55.7833 by changing the saturation by 10% instead.

122.3930, 27.9073,
55.7833

122.3930, 27.9073,
55.7833

255.0000, 0.0000,
0.0000

94.5070, 28.3440,
55.6834

178.4040, 27.9018,
57.5277

63.8000, 30.6646,
58.0574

199.8220, 27.2028,
48.3911

42.1970, 28.4969,
53.3242

216.2580, 19.0998,
33.9767

31.3880, 21.9937,
39.1247

233.2810, 10.7075,
19.0476

21.8890, 15.3377,
27.2843

250.3040, 2.3151,
4.1184

9.8130, 10.4452,
9.8110

0.1140, 0.4368,

-0.1000

■ 0.0000, 0.0000,
0.0000

■ 122.3930, 27.9073,
55.7833

■ 122.3930, 27.9073,
55.7833

■ 111.1260, 32.9689,
65.6645

■ 133.6600, 22.8456,
45.9022

■ 100.4460, 37.7411,
75.0309

■ 144.3400, 18.0734,
36.5358

■ 89.0650, 42.3660,
85.0120

■ 155.7210, 13.4485,
26.5547

■ 78.3850, 47.1382,
94.3784

■ 166.4010, 8.6763,
17.1883

■ 75.4500, 48.5851,
96.9523

■ 177.6680, 3.6147,
7.3072

■ 188.9350, -1.4470,
-2.5740

■ 199.7290, -5.7824,
-12.0403

■ 210.9960,
-10.8440, -21.9215

■ 221.6760,
-15.6163, -31.2879

Harmonies

Analogous

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



122.1600, 47.7421, -6.2793



122.3930, 27.9073, 55.7833



113.4670, 5.6858, 89.9214

Triad

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



122.3930, 27.9073, 55.7833



113.8060, -56.1064, 29.1111



105.6520, 34.1886, -92.6568

Complementary

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



122.3930, 27.9073, 55.7833



142.6070, -27.9073, -55.7833

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.



99.2680, 9.7279, -87.0580



122.3930, 27.9073, 55.7833



106.1660, -52.3398, -12.4236

Square

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



122.3930, 27.9073, 55.7833



114.6870, -48.6527, 65.1725



90.3080, -14.4488, -79.2001



107.5050, 53.9810, -94.2819

Rectangle

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



122.3930, 27.9073, 55.7833



112.4940, -12.0755, 93.4058



90.3080, -14.4488, -79.2001



103.6000, 26.3262, -90.8572

Sweetspot

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



122.3930, 27.9073, 55.7833



217.7050, 10.9914, 21.3067



92.6930, 46.0004, -7.6238



107.7980, 6.5086, 12.4552



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.



122.3930, 27.9073, 55.7833



142.7170, 43.5235, 87.0712



116.4650, 5.1938, 60.9822



86.6030, 2.1677, 4.7332



63.1740, 40.3402, 81.4084



11.3360, 7.2294, 14.6143

Inverse Universe

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



122.3930, 27.9073, 55.7833



142.7170, 43.5235, 87.0712



148.5350, -5.1938, -60.9822



86.6030, 2.1677, 4.7332



63.1740, 40.3402, 81.4084



11.3360, 7.2294, 14.6143

Previews

White Background



This preview shows how the YUV color 122.3930, 27.9073, 55.7833 looks on a white background.

Color Contrast Check

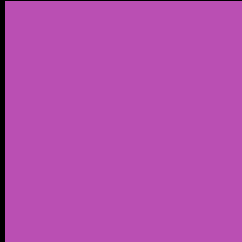
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.3930, 27.9073, 55.7833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

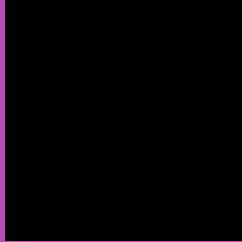
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.3930, 27.9073, 55.7833

Background



This preview shows how black text looks on a background with the YUV color 122.3930, 27.9073, 55.7833.



This preview shows how white text looks on a background with the YUV color 122.3930, 27.9073, 55.7833.

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

122.3930, 27.9073, 55.7833

Protanopia

117.8700, 47.3921, -34.0890

Deuteranopia

121.7310, 24.7826, -15.5501



Tritanopia

122.8320, -8.2982, 48.3823

Trichromacy



Original Color

122.3930, 27.9073, 55.7833



Protanomaly

119.2440, 40.3057, -1.0910



Deuteranomaly

122.2380, 26.0117, 10.3153



Tritanomaly

122.6980, 5.0789, 51.1309

Monochromacy



Original Color

122.3930, 27.9073, 55.7833



Achromatopsia

122.0000, 0.0000, 0.0000



Achromatomaly

121.8790, 10.4127, 20.2771

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.3930, 27.9073, 55.7833 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, 79, 179)` looks like.

```
.text, #text, p{  
    color:rgb(186, 79, 179)  
}
```

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, 79, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 79, 179) }
```

Border

The CSS property to change the border of an element to YUV 122.3930, 27.9073, 55.7833 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, 79, 179) }
```


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

```
.border{ border-color:rgb(186, 79, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 79, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 79, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 79, 179);  
box-shadow:4px 4px 4px 4px rgb(186, 79,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 122.3930, 27.9073, 55.7833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 79, 179) }
```

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

```
.background{ background-color: rgb(186, 79,  
179) }
```

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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