

Converting Colors

YUV(120.4870, 5.1829, 64.4709)

Have a look what the booklet for
YUV(120.4870, 5.1829, 64.4709)
contains.

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Color

**YUV(120.4870, 5.1829,
64.4709)**

Conversions

Conversions Part 1

Format	Color
Hex	C25183
RGB	194, 81, 131
RGB Percent	76%, 32%, 51%
CMY	0.2392, 0.6824, 0.4863
CMYK	0.00, 0.58, 0.32, 0.24
HSL	333°, 48%, 54%
HSV	333°, 58%, 76%
XYZ	29.2873, 18.9929, 23.5951
YIQ	120.4870, 51.2980, 39.5060

Conversions

Conversions Part 2

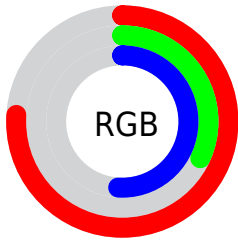
Format	Color
RYB	194, 81, 131
Decimal	12734851
CIELab	50.68, 50.31, -5.17
CIELCh	51, 50.571, 354.137
Yxy	18.9929, 0.4075, 0.2642
Android (android.graphics.Color)	4290924931 (0xFFC25183)
YUV	120.4870, 5.1829, 64.4709
Hunter-Lab	43.5808, 43.6896, -1.5936

Details

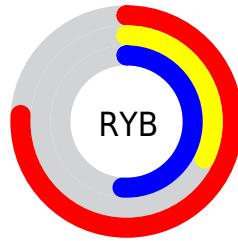
The YUV color **120.4870, 5.1829, 64.4709** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **154.5130, -5.1829, -64.4709**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.8680, 4.0091, 67.6448**, and **63.8120, 8.9667, 64.1859** is the 20% darker color. If you saturate the color by 10%, you get **108.0800, 5.8766, 75.3518**, and if you desaturate by 10%, it is **132.8940, 4.4893, 53.5900**.

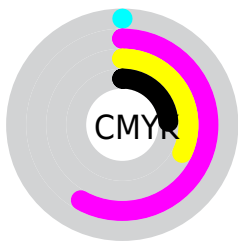
Distribution



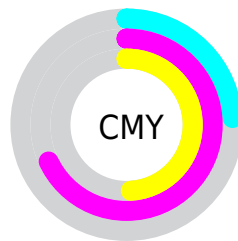
- Red (76%)
- Green (32%)
- Blue (51%)



- Red (76%)
- Yellow (32%)
- Blue (51%)



- Cyan (0%)
- Magenta (58%)
- Yellow (32%)
- Black (24%)




- Cyan (24%)
- Magenta (68%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.4870, 5.1829, 64.4709 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 120.4870, 5.1829, 64.4709 by changing the saturation by 10% instead.


 120.4870, 5.1829,
64.4709


 120.4870, 5.1829,
64.4709


255.0000, 0.0000,
0.0000


 93.1170, 6.3513,
63.0414

 175.8680, 4.0091,
67.6448


 63.8120, 8.9667,
64.1859


 196.0940, 7.8417,
51.6606


 39.3170, 9.7037,
61.1120


 215.7220, 11.9691,
34.4468

 28.7360, 4.0742,
46.7125

 233.8680, 10.4181,
18.5328

 18.8670, -1.4134,
33.4426

 251.4780, 1.7363,
3.0888

 6.5780, -3.2430,
13.5251

 0.0000, 0.0000,

0.0000

■ 120.4870, 5.1829,
64.4709

■ 120.4870, 5.1829,
64.4709

■ 108.0800, 5.8766,
75.3518

■ 132.8940, 4.4893,
53.5900

■ 95.0860, 6.8596,
86.7476

■ 145.8880, 3.5062,
42.1942

■ 82.7930, 7.9901,
97.5285

■ 158.1810, 2.3758,
31.4133

■ 69.7990, 8.9731,
108.9243

■ 171.1750, 1.3927,
20.0175

■ 67.8100, 8.9677,
110.6686

■ 183.5820, 0.6991,
9.1366

■ 195.9890, 0.0054,
-1.7444

■ 208.9830, -0.9776,
-13.1401

■ 221.3900, -1.6713,
-24.0210

■ 233.6830, -2.8017,
-34.8020

Harmonies

Analogous

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



124.1210, 23.6043, 35.8509



120.4870, 5.1829, 64.4709



118.5420, -15.0572, 69.6847

Triad

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



120.4870, 5.1829, 64.4709



112.1900, -38.5477, -2.7976



102.0790, 43.3451, -89.5233

Complementary

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



120.4870, 5.1829, 64.4709



154.5130, -5.1829, -64.4709

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.



100.4370, 26.8996, -88.0832



120.4870, 5.1829, 64.4709



103.7190, -17.6095, -45.3576

Square

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



120.4870, 5.1829, 64.4709



116.0200, -43.8869, 29.8005



95.3070, 7.2436, -83.5842



98.6200, 52.9383, -86.4897

Rectangle

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



120.4870, 5.1829, 64.4709



118.1700, -27.6918, 62.1179



95.3070, 7.2436, -83.5842



102.1130, 38.3983, -89.5531

Sweetspot

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



120.4870, 5.1829, 64.4709



224.7240, 2.1081, 23.9211



112.4200, 40.2189, 26.8187



111.0280, 0.9722, 14.8844



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.



120.4870, 5.1829, 64.4709



137.5160, 8.1266, 100.4025



118.3090, -18.3933, 66.3810



90.4460, 0.2731, 5.7479



56.2330, 7.2801, 91.8807



11.5770, 1.6875, 18.7880

Inverse Universe

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



120.4870, 5.1829, 64.4709



137.5160, 8.1266, 100.4025



156.6910, 18.3933, -66.3810



90.4460, 0.2731, 5.7479



56.2330, 7.2801, 91.8807



11.5770, 1.6875, 18.7880

Previews

White Background



This preview shows how the YUV color 120.4870, 5.1829, 64.4709 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 120.4870, 5.1829, 64.4709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

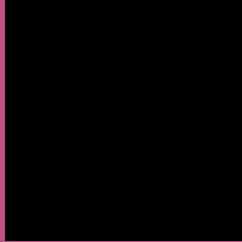
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.4870, 5.1829, 64.4709

Background



This preview shows how black text looks on a background with the YUV color 120.4870, 5.1829, 64.4709.



This preview shows how white text looks on a background with the YUV color 120.4870, 5.1829,

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

120.4870, 5.1829, 64.4709

Protanopia

121.7120, 16.9040, -8.5174

Deuteranopia

122.6850, 1.1413, 7.2923



Tritanopia

120.1820, -12.4147, 62.1074

Trichromacy



Original Color

120.4870, 5.1829, 64.4709

Protanomaly

121.4380, 12.6021, 18.0329

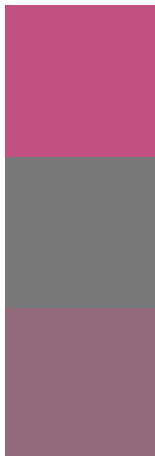
Deuteranomaly

122.1590, 2.3866, 27.9246

Tritanomaly

120.2020, -6.0156, 62.9668

Monochromacy



Original Color

120.4870, 5.1829, 64.4709

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.3110, 1.8187, 23.4063

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.4870, 5.1829, 64.4709 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(194, 81, 131)` looks like.

```
.text, #text, p{  
    color:rgb(194, 81, 131)  
}
```

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(194, 81, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 81, 131) }
```

Border

The CSS property to change the border of an element to YUV 120.4870, 5.1829, 64.4709 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(194, 81, 131) }
```


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

```
.border{ border-color:rgb(194, 81, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 81, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 81, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 81, 131);  
box-shadow:4px 4px 4px 4px rgb(194, 81,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 120.4870, 5.1829, 64.4709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 81, 131) }
```

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

```
.background{ background-color: rgb(194, 81,  
131) }
```

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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