

Converting Colors

YUV(120.3510, 8.2080, 74.2372)

Have a look what the booklet for
YUV(120.3510, 8.2080, 74.2372)
contains.

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Color

**YUV(120.3510, 8.2080,
74.2372)**

Conversions

Conversions Part 1

Format	Color
Hex	CD4A89
RGB	205, 74, 137
RGB Percent	80%, 29%, 54%
CMY	0.1961, 0.7098, 0.4627
CMYK	0.00, 0.64, 0.33, 0.20
HSL	331°, 57%, 55%
HSV	331°, 64%, 80%
XYZ	32.1410, 19.6828, 25.7721
YIQ	120.3510, 57.8530, 47.3650

Conversions

Conversions Part 2

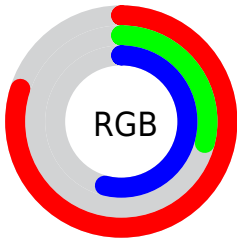
Format	Color
R_{YB}	205, 74, 137
Decimal	13453961
CIE _{Lab}	51.48, 57.50, -7.38
CIE _{LCh}	51, 57.969, 352.689
Yxy	19.6828, 0.4142, 0.2537
Android (android.graphics.Color)	4291644041 (0xFFCD4A89)
YUV	120.3510, 8.2080, 74.2372
Hunter-Lab	44.3653, 51.6770, -3.3861

Details

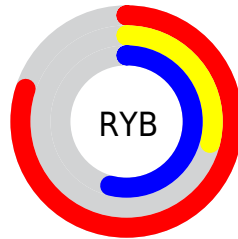
The YUV color **120.3510, 8.2080, 74.2372** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **158.6490, -8.2080, -74.2372**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.2150, 7.7820, 70.8484**, and **53.8710, 16.3326, 81.6741** is the 20% darker color. If you saturate the color by 10%, you get **107.3570, 9.1910, 85.6329**, and if you desaturate by 10%, it is **133.9320, 6.9355, 62.3266**.

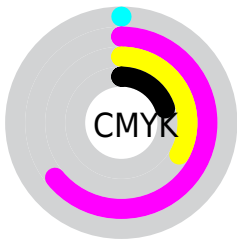
Distribution



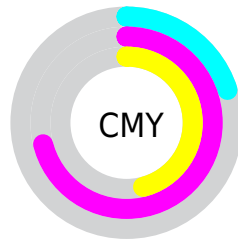
- Red (80%)
- Green (29%)
- Blue (54%)



- Red (80%)
- Yellow (29%)
- Blue (54%)



- Cyan (0%)
- Magenta (64%)
- Yellow (33%)
- Black (20%)





- Cyan (20%)
- Magenta (71%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.3510, 8.2080, 74.2372 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 120.3510, 8.2080, 74.2372 by changing the saturation by 10% instead.


 120.3510, 8.2080,
74.2372


 120.3510, 8.2080,
74.2372


255.0000, 0.0000,
0.0000


 91.2200, 10.2445,
74.3521


 174.2150, 7.7820,
70.8484


 53.8710, 16.3326,
81.6741

 193.8430, 11.9094,
53.6347

 42.5780, 10.5610,
66.1451


 213.5850, 16.4736,
36.3210

 31.6980, 5.0789,
51.1309

 231.5200, 11.5756,
20.5920

 21.6440, 0.1755,
37.1462

 248.5430, 3.1833,
5.6628

 10.5790, -4.7224,
21.4172

 0.0000, 0.0000,

0.0000

■ 120.3510, 8.2080,
74.2372

■ 120.3510, 8.2080,
74.2372

■ 107.3570, 9.1910,
85.6329

■ 133.9320, 6.9355,
62.3266

■ 93.8900, 10.9002,
97.4435

■ 146.8120, 5.5157,
51.0309

■ 80.8960, 11.8833,
108.8392

■ 160.3930, 4.2433,
39.1203

■ 72.5810, 13.0246,
116.1315

■ 173.3870, 3.2602,
27.7246

■ 186.8540, 1.5510,
15.9140

■ 199.8480, 0.5679,
4.5183

■ 213.3150, -1.1413,
-7.2923

■ 226.3090, -2.1243,
-18.6880

■ 237.5420, -2.2392,
-28.5393

Harmonies

Analogous

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



125.6960, 28.2509, 38.8546



120.3510, 8.2080, 74.2372



117.4340, -14.5110, 81.1804

Triad

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



120.3510, 8.2080, 74.2372



111.4540, -49.0308, -0.3982



106.2680, 46.7029, -93.1970

Complementary

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



120.3510, 8.2080, 74.2372



158.6490, -8.2080, -74.2372

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.



103.9420, 27.6366, -91.1571



120.3510, 8.2080, 74.2372



101.1650, -20.7873, -52.7647

Square

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



120.3510, 8.2080, 74.2372



115.1490, -56.2755, 36.7033



97.4270, 5.2125, -85.4435



102.6780, 58.3327, -90.0486

Rectangle

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



120.3510, 8.2080, 74.2372



117.9540, -30.0503, 71.9543



97.4270, 5.2125, -85.4435



106.0740, 40.8825, -93.0269

Sweetspot

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



120.3510, 8.2080, 74.2372



223.9740, 2.9708, 27.2098



109.2660, 47.1969, 28.7077



108.5660, 1.6930, 17.0436



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.



120.3510, 8.2080, 74.2372



128.3200, 12.1672, 111.0984



114.3430, -19.8891, 79.5062



95.5600, 0.7099, 5.6479



58.7540, 10.4743, 94.0547



13.4140, 2.2609, 21.5619

Inverse Universe

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



120.3510, 8.2080, 74.2372



128.3200, 12.1672, 111.0984



164.6570, 19.8891, -79.5062



95.5600, 0.7099, 5.6479



58.7540, 10.4743, 94.0547



13.4140, 2.2609, 21.5619

Previews

White Background



This preview shows how the YUV color 120.3510, 8.2080, 74.2372 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 120.3510, 8.2080, 74.2372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

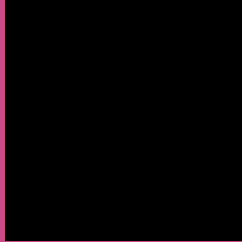
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.3510, 8.2080, 74.2372

Background



This preview shows how black text looks on a background with the YUV color 120.3510, 8.2080, 74.2372.



This preview shows how white text looks on a background with the YUV color 120.3510, 8.2080,

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

120.3510, 8.2080, 74.2372

Protanopia

123.4710, 22.4458, -12.6911

Deuteranopia

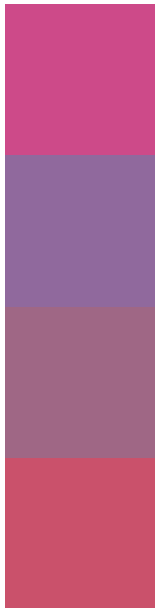
124.7280, 2.5991, 6.3775



Tritanopia

120.2540, -14.9152, 70.8142

Trichromacy



Original Color

120.3510, 8.2080, 74.2372

Protanomaly

122.5890, 16.9646, 18.7774

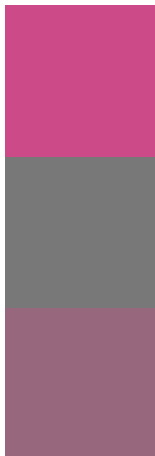
Deuteranomaly

123.1640, 4.8491, 31.4282

Tritanomaly

120.1430, -6.4795, 71.7886

Monochromacy



Original Color

120.3510, 8.2080, 74.2372

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9740, 2.9708, 27.2098

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.3510, 8.2080, 74.2372 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(205, 74, 137)` looks like.

```
.text, #text, p{  
    color:rgb(205, 74, 137)  
}
```

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(205, 74, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 74, 137) }
```

Border

The CSS property to change the border of an element to YUV 120.3510, 8.2080, 74.2372 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(205, 74, 137) }
```


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

```
.border{ border-color:rgb(205, 74, 137) }
```

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

Here you see how a box with a 4 pixel rgb(205, 74, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 74, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 74, 137);  
box-shadow:4px 4px 4px 4px rgb(205, 74,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 120.3510, 8.2080, 74.2372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 74, 137) }
```

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

```
.background{ background-color: rgb(205, 74,  
137) }
```

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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