

Converting Colors

YUV(176.0570, 13.7759,
14.8590)

Have a look what the booklet for
YUV(176.0570, 13.7759, 14.8590)
contains.

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Color

**YUV(176.0570, 13.7759,
14.8590)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A2CC
RGB	193, 162, 204
RGB Percent	76%, 64%, 80%
CMY	0.2431, 0.3647, 0.2000
CMYK	0.05, 0.21, 0.00, 0.20
HSL	284°, 29%, 72%
HSV	284°, 21%, 80%
XYZ	45.8117, 41.5378, 62.7298
YIQ	176.0570, 4.9940, 19.6340

Conversions

Conversions Part 2

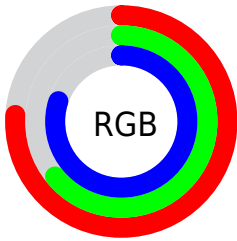
Format	Color
R_{YB}	193, 162, 204
Decimal	12690124
CIE _{Lab}	70.55, 18.96, -17.19
CIE _{LCh}	71, 25.596, 317.803
Yxy	41.5378, 0.3053, 0.2768
Android (android.graphics.Color)	4290880204 (0xFFC1A2CC)
YUV	176.0570, 13.7759, 14.8590
Hunter-Lab	64.4498, 14.0930, -12.5929

Details

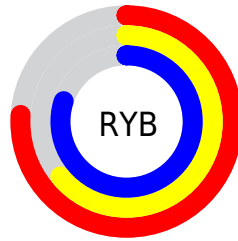
The YUV color **176.0570, 13.7759, 14.8590** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **189.9430, -13.7759, -14.8590**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.1990, 11.7339, 16.4885**, and **123.2310, 13.1971, 13.8294** is the 20% darker color. If you saturate the color by 10%, you get **162.8220, 20.3008, 22.0811**, and if you desaturate by 10%, it is **189.2920, 7.2510, 7.6369**.

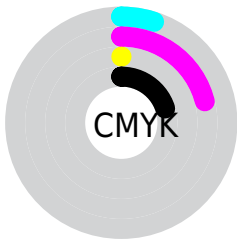
Distribution



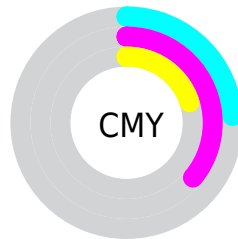
- Red (76%)
- Green (64%)
- Blue (80%)



- Red (76%)
- Yellow (64%)
- Blue (80%)



- Cyan (5%)
- Magenta (21%)
- Yellow (0%)
- Black (20%)





- Cyan (24%)
- Magenta (36%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 176.0570, 13.7759, 14.8590 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 176.0570, 13.7759, 14.8590 by changing the saturation by 10% instead.


 176.0570, 13.7759,
14.8590


 176.0570, 13.7759,
14.8590


255.0000, 0.0000,
0.0000


 149.6440, 13.4865,
14.3442


 231.1990, 11.7339,
16.4885


 123.2310, 13.1971,
13.8294

 249.7170, 2.6045,
4.6332

 98.4050, 12.6183,
12.7998

 74.2910, 12.1815,
12.8998

 51.4650, 11.6028,
11.8702

 29.6390, 11.0240,
10.8406

 11.0090, 9.8556,

12.2701

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 176.0570, 13.7759,
14.8590

■ 176.0570, 13.7759,
14.8590

■ 162.8220, 20.3008,
22.0811

■ 189.2920, 7.2510,
7.6369

■ 148.7010, 27.2624,
29.2032

■ 203.4130, 0.2894,
0.5148

■ 135.4660, 33.7873,
36.4253

■ 216.6480, -6.2355,
-6.7073

■ 121.6440, 40.6015,
44.1622

■ 230.4700,
-13.0497, -14.4442

108.1100, 47.2738,
50.7695

238.7210,
-17.1175, -16.4183

94.8750, 53.7986,
57.9916

240.2160,
-17.8545, -13.3444

81.0530, 60.6129,
65.7285

241.7110,
-18.5915, -10.2705

68.4050, 66.8483,
72.4358

243.5050,
-19.4760, -6.5819

245.0000,
-20.2130, -3.5080

Harmonies

Analogous

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



173.2650, 21.5614, -9.0024



176.0570, 13.7759, 14.8590



176.7080, 3.1020, 31.8281

Triad

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



176.0570, 13.7759, 14.8590



172.2960, -22.3309, 22.5424



162.0800, 11.7926, -49.1822

Complementary

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



176.0570, 13.7759, 14.8590



189.9430, -13.7759, -14.8590

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.



163.8400, -0.9071, -35.8167



176.0570, 13.7759, 14.8590



169.6420, -20.5295, 4.6990

Square

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



176.0570, 13.7759, 14.8590



174.0510, -17.2801, 35.9123



167.4590, -13.0443, -16.1885



163.1970, 21.1019, -48.4078

Rectangle

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



176.0570, 13.7759, 14.8590



176.0910, -4.4819, 37.6312



167.4590, -13.0443, -16.1885



162.3640, 7.7085, -45.9232

Sweetspot

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



176.0570, 13.7759, 14.8590



244.9990, 4.9305, 5.2629



173.2450, 15.1622, -9.8619



121.8200, 3.0467, 2.7889



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.



176.0570, 13.7759, 14.8590



212.3490, 21.0269, 22.4959



178.2060, 7.7864, 22.6213



95.2330, 3.3361, 3.3037



55.4020, 54.5248, 58.4064



12.7040, 12.4709, 13.4146

Inverse Universe

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



175.8120, -1.3863, 24.7209



212.0740, -2.0085, 37.6461



187.7940, -7.7864, -22.6213



95.2180, -0.6005, 5.9478



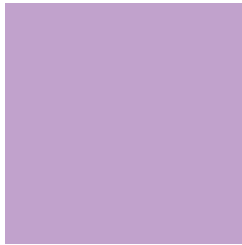
54.5360, -5.6872, 97.7539



12.5020, -1.2335, 22.3617

Previews

White Background



This preview shows how the YUV color 176.0570, 13.7759, 14.8590 looks on a white background.

Color Contrast Check

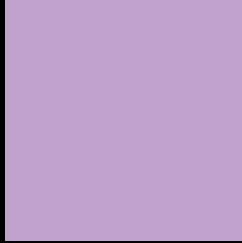
Large Text (above 18pt) WCAG AA × Fail

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 176.0570, 13.7759, 14.8590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

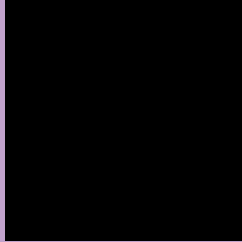
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.0570, 13.7759, 14.8590 Background



This preview shows how black text looks on a background with the YUV color 176.0570, 13.7759, 14.8590.



This preview shows how white text looks on a background with the YUV color 176.0570, 13.7759,

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

176.0570, 13.7759, 14.8590

Protanopia

173.3530, 18.0670, -8.2026

Deuteranopia

174.6700, 13.9667, 0.2894



Tritanopia

174.3590, 2.2880, 12.8402

Trichromacy



Original Color

176.0570, 13.7759, 14.8590

Protanomaly

174.6530, 16.4401, 0.3043

Deuteranomaly

175.0020, 13.8030, 6.1372

Tritanomaly

175.0970, 6.3612, 13.0699

Monochromacy



Original Color

176.0570, 13.7759, 14.8590

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.9990, 4.9305, 5.2629

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.0570, 13.7759, 14.8590 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(193, 162, 204)` looks like.

```
.text, #text, p{  
    color:rgb(193, 162, 204)  
}
```

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(193, 162, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 162, 204) }
```

Border

The CSS property to change the border of an element to YUV 176.0570, 13.7759, 14.8590 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(193, 162, 204) }
```


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

```
.border{ border-color:rgb(193, 162, 204) }
```

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

Here you see how a box with a 4 pixel rgb(193, 162, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 162, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 162, 204);  
box-shadow:4px 4px 4px 4px rgb(193, 162,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 176.0570, 13.7759, 14.8590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 162, 204) }
```

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

```
.background{ background-color: rgb(193,  
162, 204) }
```

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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