

Converting Colors

YUV(174.6430, 18.4170,
19.6071)

Have a look what the booklet for
YUV(174.6430, 18.4170, 19.6071)
contains.

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Color

**YUV(174.6430, 18.4170,
19.6071)**

Conversions

Conversions Part 1

Format	Color
Hex	C59CD4
RGB	197, 156, 212
RGB Percent	77%, 61%, 83%
CMY	0.2275, 0.3882, 0.1686
CMYK	0.07, 0.26, 0.00, 0.17
HSL	284°, 39%, 72%
HSV	284°, 26%, 83%
XYZ	46.7981, 40.4007, 67.6189
YIQ	174.6430, 6.4600, 26.1080

Conversions

Conversions Part 2

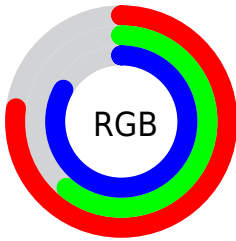
Format	Color
R_{YB}	197, 156, 212
Decimal	12950740
CIE _{Lab}	69.75, 25.19, -22.78
CIE _{LCh}	70, 33.965, 317.875
Yxy	40.4007, 0.3023, 0.2610
Android (android.graphics.Color)	4291140820 (0xFFC59CD4)
YUV	174.6430, 18.4170, 19.6071
Hunter-Lab	63.5616, 20.1904, -18.5816

Details

The YUV color **174.6430, 18.4170, 19.6071** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **193.3570, -18.4170, -19.6071**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.8730, 12.8806, 22.0364**, and **121.7030, 17.4014, 18.6775** is the 20% darker color. If you saturate the color by 10%, you get **160.5220, 25.3787, 26.7292**, and if you desaturate by 10%, it is **188.7640, 11.4553, 12.4850**.

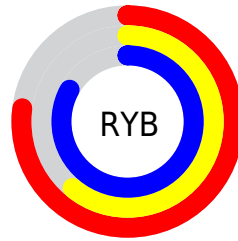
Distribution



Red (77%)

Green (61%)

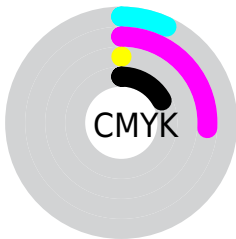
Blue (83%)



Red (77%)

Yellow (61%)

Blue (83%)

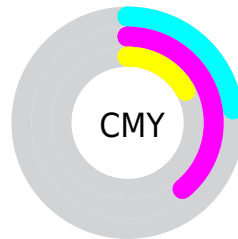


Cyan (7%)

Magenta (26%)

Yellow (0%)

Black (17%)



Cyan (23%)

Magenta (39%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.6430, 18.4170, 19.6071 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 174.6430, 18.4170, 19.6071 by changing the saturation by 10% instead.

■ 174.6430, 18.4170,
19.6071

■ 174.6430, 18.4170,
19.6071

255.0000, 0.0000,
0.0000

■ 147.8170, 17.8382,
18.5775

■ 228.8730, 12.8806,
22.0364

■ 121.7030, 17.4014,
18.6775

■ 245.6080, 4.6303,
8.2368

■ 96.8770, 16.8226,
17.6479

■ 72.1650, 16.6807,
16.5183

■ 49.2250, 15.6651,
15.5887

■ 26.8120, 15.3757,
15.0739

■ 11.9920, 12.3289,

12.2850

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 174.6430, 18.4170,
19.6071

■ 174.6430, 18.4170,
19.6071

■ 160.5220, 25.3787,
26.7292

■ 188.7640, 11.4553,
12.4850

■ 146.7000, 32.1929,
34.4661

■ 202.5860, 4.6411,
4.7481

■ 131.9920, 39.4439,
42.1030

■ 217.2940, -2.6099,
-2.8888

■ 117.8710, 46.4056,
49.2251

■ 231.4150, -9.5716,
-10.0110

104.0490, 53.2198,
56.9620

241.1280,
-14.3601, -14.1443

89.9280, 60.1815,
64.0841

242.9220,
-15.2445, -10.4556

75.8070, 67.1431,
71.2063

244.7160,
-16.1290, -6.7669

70.5130, 69.7531,
74.0951

246.2110,
-16.8660, -3.6930

248.0050,
-17.7505, -0.0044

Harmonies

Analogous

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



170.7790, 28.7030, -12.9612



174.6430, 18.4170, 19.6071



174.5290, 4.6692, 42.5091

Triad

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



174.6430, 18.4170, 19.6071



169.5050, -29.3360, 29.3751



151.2340, 18.1256, -73.8732

Complementary

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



174.6430, 18.4170, 19.6071



193.3570, -18.4170, -19.6071

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.



156.8660, -0.4269, -49.8715



174.6430, 18.4170, 19.6071



166.5190, -27.3709, 5.6838

Square

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



174.6430, 18.4170, 19.6071



171.7380, -22.5488, 45.8338



162.6880, -17.1012, -21.6514



152.5510, 30.7874, -75.0282

Rectangle

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



174.6430, 18.4170, 19.6071



173.9400, -5.3934, 50.0416



162.6880, -17.1012, -21.6514



152.7850, 12.4310, -67.3404

Sweetspot

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



174.6430, 18.4170, 19.6071



241.7650, 6.5249, 7.2221



171.7760, 19.8304, -13.8356



119.1730, 4.3517, 4.2333



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.



174.6430, 18.4170, 19.6071



200.2880, 26.9730, 28.6884



177.7600, 10.9643, 30.0285



99.6460, 3.6255, 3.8185



56.8690, 56.2666, 59.7509



14.4700, 14.0653, 15.3738

Inverse Universe

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



174.4540, -1.7028, 32.9278



200.0260, -2.4778, 48.2122



190.2400, -10.9643, -30.0285



99.6310, -0.3111, 6.4626



56.3730, -5.1139, 100.5279



14.2250, -1.0969, 25.2357

Previews

White Background



This preview shows how the YUV color 174.6430, 18.4170, 19.6071 looks on a white background.

Color Contrast Check

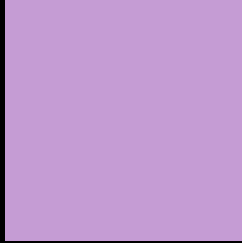
Large Text (above 18pt) WCAG AA × Fail

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 174.6430, 18.4170, 19.6071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

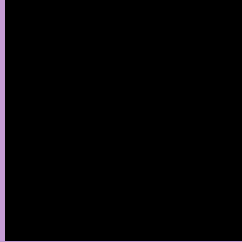
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.6430, 18.4170, 19.6071

Background



This preview shows how black text looks on a background with the YUV color 174.6430, 18.4170, 19.6071.



This preview shows how white text looks on a background with the YUV color 174.6430, 18.4170,

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

174.6430, 18.4170, 19.6071

Protanopia

171.3400, 24.4824, -12.5762

Deuteranopia

171.9020, 18.7823, -4.2991



Tritanopia

173.1530, 1.4036, 16.5288

Trichromacy



Original Color

174.6430, 18.4170, 19.6071

Protanomaly

172.5480, 22.4078, -0.4806

Deuteranomaly

172.9570, 18.7552, 4.4227

Tritanomaly

173.4720, 7.6553, 18.0031

Monochromacy



Original Color

174.6430, 18.4170, 19.6071

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

174.7650, 6.5249, 7.2221

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.6430, 18.4170, 19.6071 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(197, 156, 212)` looks like.

```
.text, #text, p{  
    color:rgb(197, 156, 212)  
}
```

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(197, 156, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 156, 212) }
```

Border

The CSS property to change the border of an element to YUV 174.6430, 18.4170, 19.6071 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(197, 156, 212) }
```


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

```
.border{ border-color:rgb(197, 156, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 156, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 156, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 156, 212);  
box-shadow:4px 4px 4px 4px rgb(197, 156,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 174.6430, 18.4170, 19.6071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 156, 212) }
```

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

```
.background{ background-color: rgb(197,  
156, 212) }
```

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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