

Converting Colors

YUV(178.6970, 12.9674,
-5.8733)

Have a look what the booklet for
YUV(178.6970, 12.9674, -5.8733)
contains.

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Color

**YUV(178.6970, 12.9674,
-5.8733)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB1CD
RGB	172, 177, 205
RGB Percent	67%, 69%, 80%
CMY	0.3255, 0.3059, 0.1961
CMYK	0.16, 0.14, 0.00, 0.20
HSL	231°, 25%, 74%
HSV	231°, 16%, 80%
XYZ	43.7548, 44.6227, 64.0645
YIQ	178.6970, -11.9680, 7.6480

Conversions

Conversions Part 2

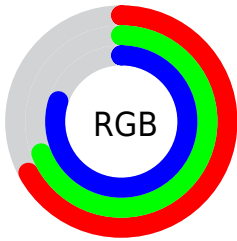
Format	Color
R _{YB}	172, 176, 205
Decimal	11317709
CIE Lab	72.64, 3.99, -14.76
CIE LCh	73, 15.288, 285.125
Yxy	44.6227, 0.2870, 0.2927
Android (android.graphics.Color)	4289507789 (0xFFACB1CD)
YUV	178.6970, 12.9674, -5.8733
Hunter-Lab	66.8002, 0.0189, -10.1017

Details

The YUV color **178.6970, 12.9674, -5.8733** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **198.3030, -12.9674, 5.8733**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.0130, 10.3466, -5.2734**, and **126.1700, 12.2412, -6.2881** is the 20% darker color. If you saturate the color by 10%, you get **162.7380, 20.8352, -9.4172**, and if you desaturate by 10%, it is **194.9550, 4.9522, -1.7145**.

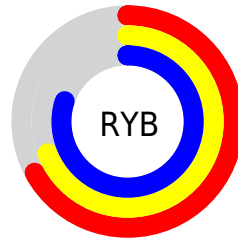
Distribution



Red (67%)

Green (69%)

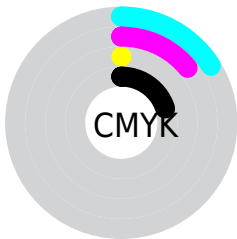
Blue (80%)



Red (67%)

Yellow (69%)

Blue (80%)

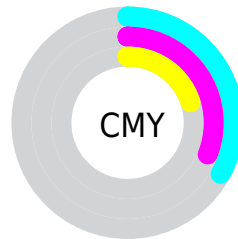


Cyan (16%)

Magenta (14%)

Yellow (0%)

Black (20%)



Cyan (33%)

Magenta (31%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.6970, 12.9674, -5.8733 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 178.6970, 12.9674, -5.8733 by changing the saturation by 10% instead.

■ 178.6970, 12.9674,
-5.8733

■ 178.6970, 12.9674,
-5.8733

255.0000, 0.0000,
0.0000

■ 151.6970, 12.9674,
-5.8733

■ 234.0130, 10.3466,
-5.2734

■ 126.1700, 12.2412,
-6.2881

■ 101.0560, 11.8044,
-6.1881

■ 76.9420, 11.3676,
-6.0881

■ 53.8280, 10.9308,
-5.9882

■ 32.3010, 10.2046,
-6.4030

■ 8.9420, 11.3676,

-6.0881

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 178.6970, 12.9674,
-5.8733

■ 178.6970, 12.9674,
-5.8733

■ 162.7380, 20.8352,
-9.4172

■ 194.9550, 4.9522,
-1.7145

■ 145.8930, 29.1398,
-13.0612

■ 211.5010, -3.2050,
1.3146

■ 129.9340, 37.0075,
-16.6051

■ 227.7590,
-11.2202, 5.4734

■ 113.0890, 45.3121,
-20.2491

■ 244.3050,
-19.3774, 8.5025

■ 97.1300, 53.1799,
-23.7930

■ 249.3000,
-21.8399, 4.9989

■ 80.8720, 61.1951,
-27.9517

■ 64.3260, 69.3523,
-30.9809

■ 48.0680, 77.3675,
-35.1396

■ 41.5670, 80.5725,
-36.4543

Harmonies

Analogous

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



176.5490, 14.0263, -18.8985



178.6970, 12.9674, -5.8733



180.0470, 8.8508, 7.8518

Triad

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



178.6970, 12.9674, -5.8733



180.0970, -10.4008, 22.7169



173.8250, -1.3927, -20.0175

Complementary

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



178.6970, 12.9674, -5.8733



198.3030, -12.9674, 5.8733

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.



175.0670, -8.4140, -7.9518



178.6970, 12.9674, -5.8733



178.6570, -13.1419, 15.2098

Square

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



178.6970, 12.9674, -5.8733



180.8890, -4.8753, 23.7763



177.2920, -12.9620, 4.1289



173.0290, 5.9017, -26.3354

Rectangle

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



178.6970, 12.9674, -5.8733



180.9510, 4.4612, 15.8290



177.2920, -12.9620, 4.1289



174.1630, -4.0244, -15.9290

Sweetspot

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



178.6970, 12.9674, -5.8733



244.6560, 5.0996, -2.3293



194.5630, 2.6804, -19.7878



121.4990, 3.2050, -1.3146



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.



178.6970, 12.9674, -5.8733



216.5810, 18.9406, -8.4025



179.0510, 12.7929, 3.4633



93.7270, 4.0786, -1.5146



33.5990, 65.2737, -29.4663



7.8540, 14.8620, -6.8880

Inverse Universe

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



182.4370, -2.6804, 19.7878



222.1500, -4.0179, 28.8095



197.9490, -12.7929, -3.4633



95.1040, -1.0373, 6.0478



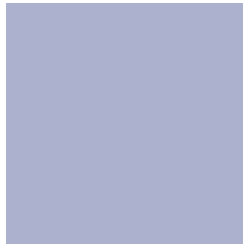
52.4840, -13.5496, 99.5535



12.0460, -2.9807, 22.7617

Previews

White Background



This preview shows how the YUV color 178.6970, 12.9674, -5.8733 looks on a white background.

Color Contrast Check

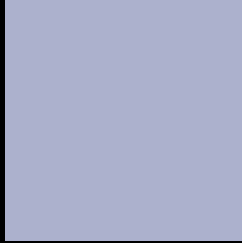
Large Text (above 18pt) WCAG AA × Fail

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 178.6970, 12.9674, -5.8733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

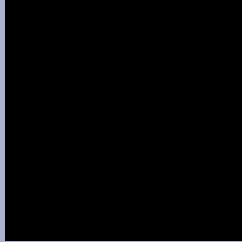
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.6970, 12.9674, -5.8733

Background



This preview shows how black text looks on a background with the YUV color 178.6970, 12.9674, -5.8733.



This preview shows how white text looks on a background with the YUV color 178.6970, 12.9674, -5.8733.

-5.8733.

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

178.6970, 12.9674, -5.8733

Protanopia

178.9960, 12.8200, -5.2585

Deuteranopia

180.0400, 12.7983, 1.7189



Tritanopia

177.9050, 7.4418, -6.9327

Trichromacy



Original Color

178.6970, 12.9674, -5.8733

Protanomaly

178.9960, 12.8200, -5.2585

Deuteranomaly

179.4310, 13.0985, -1.2550

Tritanomaly

178.0730, 9.3310, -6.2030

Monochromacy



Original Color

178.6970, 12.9674, -5.8733

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

178.5420, 4.6628, -2.2293

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.6970, 12.9674, -5.8733 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(172, 177, 205)` looks like.

```
.text, #text, p{  
    color:rgb(172, 177, 205)  
}
```

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(172, 177, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 177, 205) }
```

Border

The CSS property to change the border of an element to YUV 178.6970, 12.9674, -5.8733 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(172, 177, 205) }
```


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

```
.border{ border-color:rgb(172, 177, 205) }
```

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

Here you see how a box with a 4 pixel rgb(172, 177, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 177, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 177, 205);  
box-shadow:4px 4px 4px 4px rgb(172, 177,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 178.6970, 12.9674, -5.8733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 177, 205) }
```

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

```
.background{ background-color: rgb(172,  
177, 205) }
```

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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