

Converting Colors

YUV(177.9680, 15.2988,
-6.9879)

Have a look what the booklet for
YUV(177.9680, 15.2988, -6.9879)
contains.

YUV(177.9680, 15.2988, -6.9879)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(177.9680, 15.2988,
-6.9879)**

Conversions

Conversions Part 1

Format	Color
Hex	AAB0D1
RGB	170, 176, 209
RGB Percent	67%, 69%, 82%
CMY	0.3333, 0.3098, 0.1804
CMYK	0.19, 0.16, 0.00, 0.18
HSL	231°, 30%, 74%
HSV	231°, 19%, 82%
XYZ	43.6115, 44.2002, 66.5545
YIQ	177.9680, -14.1690, 8.9910

Conversions

Conversions Part 2

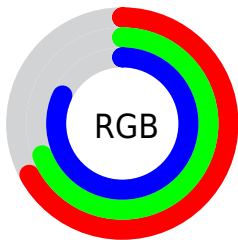
Format	Color
RYB	170, 175, 209
Decimal	11186385
CIELab	72.36, 4.78, -17.39
CIELCh	72, 18.030, 285.363
Yxy	44.2002, 0.2825, 0.2863
Android (android.graphics.Color)	4289376465 (0xFFAAB0D1)
YUV	177.9680, 15.2988, -6.9879
Hunter-Lab	66.4832, 0.7465, -12.8153

Details

The YUV color **177.9680, 15.2988, -6.9879** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **201.0320, -15.2988, 6.9879**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.8280, 10.9308, -5.9882**, and **125.4410, 14.5726, -7.4028** is the 20% darker color. If you saturate the color by 10%, you get **161.1230, 23.6034, -10.6319**, and if you desaturate by 10%, it is **194.8130, 6.9942, -3.3440**.

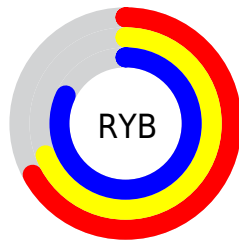
Distribution



Red (67%)

Green (69%)

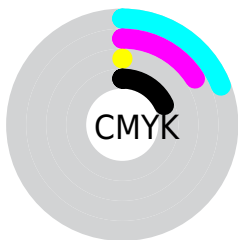
Blue (82%)



Red (67%)

Yellow (69%)

Blue (82%)

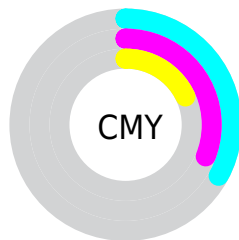


Cyan (19%)

Magenta (16%)

Yellow (0%)

Black (18%)



Cyan (33%)

Magenta (31%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.9680, 15.2988, -6.9879 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 177.9680, 15.2988, -6.9879 by changing the saturation by 10% instead.

■ 177.9680, 15.2988,
-6.9879

■ 177.9680, 15.2988,
-6.9879

255.0000, 0.0000,
0.0000

■ 150.8540, 14.8620,
-6.8880

■ 232.8280, 10.9308,
-5.9882

■ 125.4410, 14.5726,
-7.4028

254.7010, 0.1474,
-0.6148

■ 100.2130, 13.6990,
-7.2028

■ 76.0990, 13.2622,
-7.1028

■ 52.9850, 12.8254,
-7.0028

■ 31.1590, 12.2466,
-8.0324

■ 8.0990, 13.2622,

-7.1028

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 177.9680, 15.2988,
-6.9879

■ 177.9680, 15.2988,
-6.9879

■ 161.1230, 23.6034,
-10.6319

■ 194.8130, 6.9942,
-3.3440

■ 144.8650, 31.6186,
-14.7906

■ 211.0710, -1.0210,
0.8147

■ 128.0200, 39.9231,
-18.4345

■ 227.9160, -9.3256,
4.4587

■ 111.1750, 48.2277,
-22.0785

■ 244.7610,
-17.6302, 8.1026

■ 94.9170, 56.2429,
-26.2372

■ 249.7560,
-20.0927, 4.5990

■ 78.3710, 64.4001,
-29.2664

■ 61.5260, 72.7047,
-32.9103

■ 45.2680, 80.7199,
-37.0690

■ 42.6100, 82.0303,
-37.3690

Harmonies

Analogous

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



174.6240, 16.9474, -22.4722



177.9680, 15.2988, -6.9879



180.4000, 10.1558, 9.2962

Triad

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



177.9680, 15.2988, -6.9879



179.3640, -12.0115, 25.9908



171.8030, -1.3819, -23.5062

Complementary

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



177.9680, 15.2988, -6.9879



201.0320, -15.2988, 6.9879

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.



174.3010, -10.0084, -9.9110



177.9680, 15.2988, -6.9879



177.9840, -15.7681, 17.5540

Square

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



177.9680, 15.2988, -6.9879



180.0960, -5.4703, 27.9798



175.8360, -14.7091, 4.5288



171.3380, 7.2284, -31.8684

Rectangle

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



177.9680, 15.2988, -6.9879



180.9020, 5.4713, 18.5029



175.8360, -14.7091, 4.5288



172.9130, -4.8871, -19.2177

Sweetspot

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



177.9680, 15.2988, -6.9879



242.8840, 5.9732, -2.5293



196.5410, 2.6913, -23.2765



120.6130, 3.6418, -1.4146



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.



177.9680, 15.2988, -6.9879



210.6670, 21.8562, -10.2320



178.3330, 15.1188, 4.0930



96.4280, 4.2260, -2.1294



34.4140, 65.8579, -30.1811



8.1960, 16.1724, -7.1879

Inverse Universe

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



182.3450, -3.1281, 23.3764



216.7700, -4.3236, 33.5277



200.6670, -15.1188, -4.0930



97.5170, -0.7479, 6.5626



53.1960, -13.4076, 100.6831



12.9430, -3.4229, 24.6060

Previews

White Background



This preview shows how the YUV color 177.9680, 15.2988, -6.9879 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 177.9680, 15.2988, -6.9879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

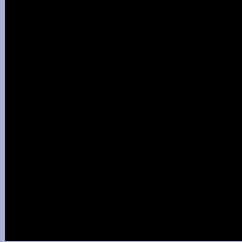
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 177.9680, 15.2988, -6.9879

Background



This preview shows how black text looks on a background with the YUV color 177.9680, 15.2988, -6.9879.



This preview shows how white text looks on a background with the YUV color 177.9680, 15.2988, -6.9879.

-6.9879.

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

177.9680, 15.2988, -6.9879

Protanopia

178.2670, 15.1514, -6.3732

Deuteranopia

179.0120, 15.2771, -0.0105



Tritanopia

177.0080, 7.8841, -8.7770

Trichromacy



Original Color

177.9680, 15.2988, -6.9879

Protanomaly

178.2670, 15.1514, -6.3732

Deuteranomaly

178.7020, 15.4299, -2.3697

Tritanomaly

177.4040, 10.6468, -8.2473

Monochromacy



Original Color

177.9680, 15.2988, -6.9879

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.7700, 5.5364, -2.4293

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.9680, 15.2988, -6.9879 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(170, 176, 209)` looks like.

```
.text, #text, p{  
    color:rgb(170, 176, 209)  
}
```

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(170, 176, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 176, 209) }
```

Border

The CSS property to change the border of an element to YUV 177.9680, 15.2988, -6.9879 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(170, 176, 209) }
```


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

```
.border{ border-color:rgb(170, 176, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 176, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 176, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 176, 209);  
box-shadow:4px 4px 4px 4px rgb(170, 176,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 177.9680, 15.2988, -6.9879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 176, 209) }
```

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

```
.background{ background-color: rgb(170,  
176, 209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor