

Converting Colors

YUV(176.8910, 18.7877,
-6.0434)

Have a look what the booklet for
YUV(176.8910, 18.7877, -6.0434)
contains.

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Color

**YUV(176.8910, 18.7877,
-6.0434)**

Conversions

Conversions Part 1

Format	Color
Hex	AAADD7
RGB	170, 173, 215
RGB Percent	67%, 68%, 84%
CMY	0.3333, 0.3216, 0.1569
CMYK	0.21, 0.20, 0.00, 0.16
HSL	236°, 36%, 75%
HSV	236°, 21%, 84%
XYZ	43.7869, 43.3395, 70.3475
YIQ	176.8910, -15.2700, 12.4260

Conversions

Conversions Part 2

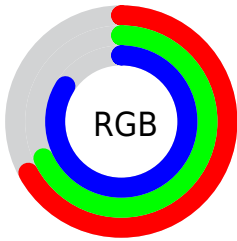
Format	Color
RYB	170, 173, 215
Decimal	11185623
CIELab	71.78, 7.78, -21.55
CIELCh	72, 22.908, 289.857
Yxy	43.3395, 0.2781, 0.2752
Android (android.graphics.Color)	4289375703 (0xFFAAADD7)
YUV	176.8910, 18.7877, -6.0434
Hunter-Lab	65.8327, 3.5172, -17.2732

Details

The YUV color $176.8910, 18.7877, -6.0434$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $208.1090, -18.7877, 6.0434$, and the grayscale version is $177.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $230.4800, 12.0884, -3.9290$, and $124.2500, 17.6247, -6.3582$ is the 20% darker color. If you saturate the color by 10%, you get $158.8720, 27.6711, -8.6577$, and if you desaturate by 10%, it is $195.2090, 9.7570, -2.8143$.

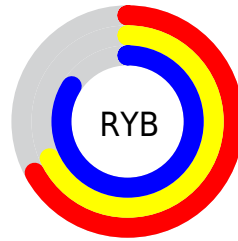
Distribution



Red (67%)

Green (68%)

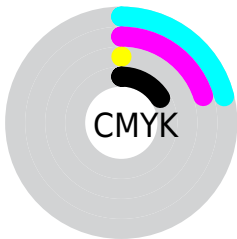
Blue (84%)



Red (67%)

Yellow (68%)

Blue (84%)

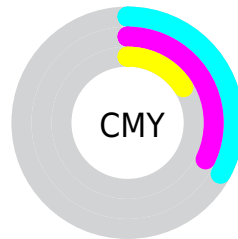


Cyan (21%)

Magenta (20%)

Yellow (0%)

Black (16%)



Cyan (33%)

Magenta (32%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.8910, 18.7877, -6.0434 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 176.8910, 18.7877, -6.0434 by changing the saturation by 10% instead.

■ 176.8910, 18.7877,
-6.0434

■ 176.8910, 18.7877,
-6.0434

255.0000, 0.0000,
0.0000

■ 149.7770, 18.3509,
-5.9434

■ 230.4800, 12.0884,
-3.9290

■ 124.2500, 17.6247,
-6.3582

■ 99.1360, 17.1880,
-6.2583

■ 74.9080, 16.3144,
-6.0583

■ 52.0820, 15.7356,
-7.0879

■ 30.2560, 15.1568,
-8.1175

■ 6.2070, 16.1669,

-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 176.8910, 18.7877,
-6.0434

■ 176.8910, 18.7877,
-6.0434

■ 158.8720, 27.6711,
-8.6577

■ 195.2090, 9.7570,
-2.8143

■ 140.5540, 36.7019,
-11.8869

■ 213.2280, 0.8736,
-0.2000

■ 122.5350, 45.5852,
-14.5012

■ 231.5460, -8.1572,
3.0292

■ 104.2170, 54.6160,
-17.7303

■ 249.2660,
-16.8931, 5.0287

■ 85.8990, 63.6468,
-20.9594

■ 250.4400,
-17.4719, 3.9991

■ 67.8800, 72.5302,
-23.5738

■ 49.8610, 81.4135,
-26.1881

■ 32.7280, 89.8601,
-28.7025

Harmonies

Analogous

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



172.8560, 21.7630, -27.0607



176.8910, 18.7877, -6.0434



179.1880, 11.7393, 14.7441

Triad

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



176.8910, 18.7877, -6.0434



177.6590, -16.1009, 30.9941



168.0900, -0.0444, -32.5279

Complementary

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



176.8910, 18.7877, -6.0434



208.1090, -18.7877, 6.0434

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.



170.6270, -11.1551, -15.4589



176.8910, 18.7877, -6.0434



175.5560, -19.9941, 19.6834

Square

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



176.8910, 18.7877, -6.0434



178.5700, -7.6760, 35.4571



173.5000, -18.4875, 3.0695



167.1840, 10.7553, -43.1344

Rectangle

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



176.8910, 18.7877, -6.0434



179.9460, 5.4496, 25.4804



173.5000, -18.4875, 3.0695



169.3850, -4.1338, -27.5246

Sweetspot

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



176.8910, 18.7877, -6.0434



242.2970, 6.2626, -2.0145



201.2030, 5.3229, -27.3650



120.0260, 3.9312, -0.8998



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.



176.8910, 18.7877, -6.0434



200.6440, 26.7975, -8.4578



181.1100, 16.7078, 7.7965



97.8410, 4.5154, -1.6146



25.9510, 71.5092, -22.7590



6.6630, 17.9141, -5.8435

Inverse Universe

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



183.7970, -5.3229, 27.3650



210.7060, -7.2501, 38.8458



204.1890, -16.8552, -7.1818



99.4030, -1.1847, 6.6626



52.3830, -20.4018, 104.0271



13.1990, -5.0281, 26.1355

Previews

White Background



This preview shows how the YUV color 176.8910, 18.7877, -6.0434 looks on a white background.

Color Contrast Check

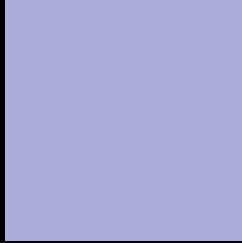
Large Text (above 18pt) WCAG AA × Fail

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 176.8910, 18.7877, -6.0434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

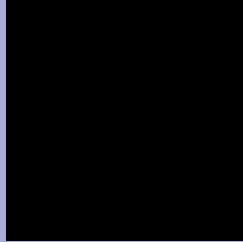
Any Text WCAG AA ✓ Pass

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 176.8910, 18.7877, -6.0434 Background



This preview shows how black text looks on a background with the YUV color 176.8910, 18.7877, -6.0434.



This preview shows how white text looks on a background with the YUV color 176.8910, 18.7877, -6.0434.

-6.0434.

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

176.8910, 18.7877, -6.0434

Protanopia

176.3960, 19.5248, -9.1173

Deuteranopia

177.2010, 18.6349, -3.6843



Tritanopia

175.3070, 7.7366, -8.1622

Trichromacy



Original Color

176.8910, 18.7877, -6.0434

Protanomaly

176.6950, 19.3774, -8.5025

Deuteranomaly

176.9020, 18.7823, -4.2991

Tritanomaly

176.0450, 11.8098, -7.9325

Monochromacy



Original Color

176.8910, 18.7877, -6.0434

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

177.1120, 6.8468, -2.7292

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.8910, 18.7877, -6.0434 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, 173, 215)` looks like.

```
.text, #text, p{  
    color:rgb(170, 173, 215)  
}
```

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, 173, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 173, 215) }
```

Border

The CSS property to change the border of an element to YUV 176.8910, 18.7877, -6.0434 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, 173, 215) }
```


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

```
.border{ border-color:rgb(170, 173, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 173, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 173, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 173, 215);  
box-shadow:4px 4px 4px 4px rgb(170, 173,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 176.8910, 18.7877, -6.0434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 173, 215) }
```

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

```
.background{ background-color: rgb(170,  
173, 215) }
```

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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