

Converting Colors

YUV(176.4730, 16.0358,
-10.0618)

Have a look what the booklet for
YUV(176.4730, 16.0358, -10.0618)
contains.

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Color

**YUV(176.4730, 16.0358,
-10.0618)**

Conversions

Conversions Part 1

Format	Color
Hex	A5B0D1
RGB	165, 176, 209
RGB Percent	65%, 69%, 82%
CMY	0.3529, 0.3098, 0.1804
CMYK	0.21, 0.16, 0.00, 0.18
HSL	225°, 32%, 73%
HSV	225°, 21%, 82%
XYZ	42.5510, 43.6535, 66.5049
YIQ	176.4730, -17.1490, 7.9310

Conversions

Conversions Part 2

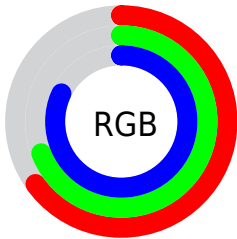
Format	Color
RYB	165, 174, 209
Decimal	10858705
CIELab	72.00, 3.20, -17.97
CIELCh	72, 18.257, 280.101
Yxy	43.6535, 0.2786, 0.2859
Android (android.graphics.Color)	4289048785 (0xFFA5B0D1)
YUV	176.4730, 16.0358, -10.0618
Hunter-Lab	66.0708, -0.6659, -13.4300

Details

The YUV color **176.4730, 16.0358, -10.0618** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **197.5270, -16.0358, 10.0618**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.0340, 11.8152, -9.6768**, and **123.9460, 15.3096, -10.4766** is the 20% darker color. If you saturate the color by 10%, you get **160.8020, 23.7616, -14.7354**, and if you desaturate by 10%, it is **192.1440, 8.3100, -5.3883**.

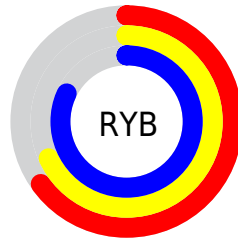
Distribution



Red (65%)

Green (69%)

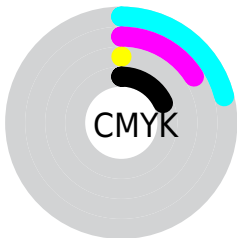
Blue (82%)



Red (65%)

Yellow (68%)

Blue (82%)

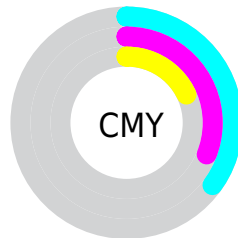


Cyan (21%)

Magenta (16%)

Yellow (0%)

Black (18%)



Cyan (35%)

Magenta (31%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.4730, 16.0358, -10.0618 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 176.4730, 16.0358, -10.0618 by changing the saturation by 10% instead.

■ 176.4730, 16.0358,
-10.0618

■ 176.4730, 16.0358,
-10.0618

255.0000, 0.0000,
0.0000

■ 149.3590, 15.5990,
-9.9618

■ 231.0340, 11.8152,
-9.6768

■ 123.9460, 15.3096,
-10.4766

■ 253.2060, 0.8844,
-3.6887

■ 98.7180, 14.4360,
-10.2767

■ 74.6040, 13.9992,
-10.1767

■ 51.4900, 13.5624,
-10.0767

■ 29.6640, 12.9836,
-11.1063

■ 8.0990, 13.2622,

-7.1028

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 176.4730, 16.0358,
-10.0618

■ 176.4730, 16.0358,
-10.0618

■ 160.8020, 23.7616,
-14.7354

■ 192.1440, 8.3100,
-5.3883

■ 145.7180, 31.1980,
-19.9237

■ 207.2280, 0.8736,
-0.2000

■ 130.0470, 38.9238,
-24.5972

■ 222.8990, -6.8522,
4.4736

■ 114.3760, 46.6496,
-29.2708

■ 238.5700,
-14.5780, 9.1471

■ 99.5910, 53.9386,
-33.8443

■ 249.1690,
-19.8033, 5.1138

■ 83.9200, 61.6644,
-38.5178

■ 249.7560,
-20.0927, 4.5990

■ 68.2490, 69.3902,
-43.1914

■ 54.3500, 76.2425,
-47.6649

Harmonies

Analogous

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



173.2000, 16.6634, -24.7314



176.4730, 16.0358, -10.0618



178.4320, 11.6190, 6.6371

Triad

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



176.4730, 16.0358, -10.0618



178.6030, -11.1433, 27.5352



171.3580, -3.1345, -21.3620

Complementary

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



176.4730, 16.0358, -10.0618



197.5270, -16.0358, 10.0618

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.



173.3830, -11.0348, -7.3519



176.4730, 16.0358, -10.0618



177.4080, -15.4841, 19.8132

Square

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



176.4730, 16.0358, -10.0618



179.4380, -4.1599, 27.6799



175.3310, -15.4462, 7.6027



169.9960, 5.9180, -31.5685

Rectangle

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



176.4730, 16.0358, -10.0618



179.2330, 6.7871, 16.4587



175.3310, -15.4462, 7.6027



171.5820, -6.2029, -17.1734

Sweetspot

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



176.4730, 16.0358, -10.0618



244.0580, 5.3944, -3.5589



194.5900, 1.6811, -25.9504



121.2000, 3.3524, -1.9294



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.



176.4730, 16.0358, -10.0618



207.6880, 23.3248, -14.6354



173.3050, 17.5976, 2.3635



97.0150, 3.9366, -2.6442



43.8060, 61.2276, -38.4179



10.5440, 15.0148, -9.2471

Inverse Universe

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



179.4100, -1.6811, 25.9504



211.9600, -2.4453, 37.7461



200.6950, -17.5976, -2.3635



97.6310, -0.3111, 6.4626



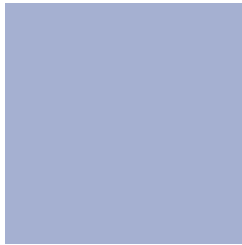
55.0200, -6.4189, 99.0835



13.3990, -1.6757, 24.2061

Previews

White Background



This preview shows how the YUV color 176.4730, 16.0358, -10.0618 looks on a white background.

Color Contrast Check

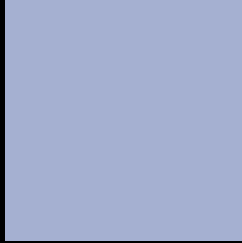
Large Text (above 18pt) WCAG AA × Fail

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 176.4730, 16.0358, -10.0618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

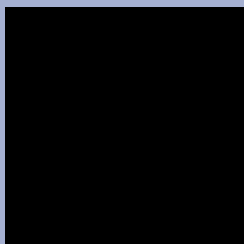
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.4730, 16.0358, -10.0618

Background



This preview shows how black text looks on a background with the YUV color 176.4730, 16.0358, -10.0618.



This preview shows how white text looks on a background with the YUV color 176.4730, 16.0358, -10.0618.

-10.0618.

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

176.4730, 16.0358, -10.0618

Protanopia

177.2670, 15.1514, -6.3732

Deuteranopia

177.8270, 15.8613, -0.7253



Tritanopia

175.5130, 8.6211, -11.8509

Trichromacy



Original Color

176.4730, 16.0358, -10.0618

Protanomaly

176.6690, 15.4462, -7.6027

Deuteranomaly

177.2180, 16.1615, -3.6992

Tritanomaly

175.9090, 11.3839, -11.3212

Monochromacy



Original Color

176.4730, 16.0358, -10.0618

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.1720, 5.8312, -3.6588

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.4730, 16.0358, -10.0618 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(165, 176, 209)` looks like.

```
.text, #text, p{  
    color:rgb(165, 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(165, 176, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 176, 209) }
```

Border

The CSS property to change the border of an element to YUV 176.4730, 16.0358, -10.0618 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(165, 176, 209) }
```


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

```
.border{ border-color:rgb(165, 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(165, 176, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 176, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 176, 209);  
box-shadow:4px 4px 4px 4px rgb(165, 176,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 176.4730, 16.0358, -10.0618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 176, 209) }
```

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

```
.background{ background-color: rgb(165,  
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](#).

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