

Converting Colors

YUV(175.8860, 16.3252,
-9.5470)

Have a look what the booklet for
YUV(175.8860, 16.3252, -9.5470)
contains.

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Color

**YUV(175.8860, 16.3252,
-9.5470)**

Conversions

Conversions Part 1

Format	Color
Hex	A5AFD1
RGB	165, 175, 209
RGB Percent	65%, 69%, 82%
CMY	0.3529, 0.3137, 0.1804
CMYK	0.21, 0.16, 0.00, 0.18
HSL	226°, 32%, 73%
HSV	226°, 21%, 82%
XYZ	42.3556, 43.2627, 66.4398
YIQ	175.8860, -16.8740, 8.4540

Conversions

Conversions Part 2

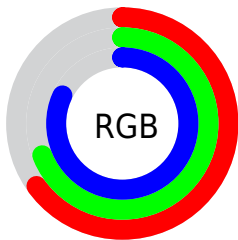
Format	Color
RYB	165, 173, 209
Decimal	10858449
CIELab	71.73, 3.75, -18.37
CIElCh	72, 18.752, 281.538
Yxy	43.2627, 0.2785, 0.2845
Android (android.graphics.Color)	4289048529 (0xFFA5AFD1)
YUV	175.8860, 16.3252, -9.5470
Hunter-Lab	65.7744, -0.1596, -13.8477

Details

The YUV color $175.8860, 16.3252, -9.5470$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $198.1140, -16.3252, 9.5470$, and the grayscale version is $176.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $229.8600, 12.3940, -8.6472$, and $123.3590, 15.5990, -9.9618$ is the 20% darker color. If you saturate the color by 10%, you get $160.2150, 24.0510, -14.2206$, and if you desaturate by 10%, it is $191.5570, 8.5994, -4.8735$.

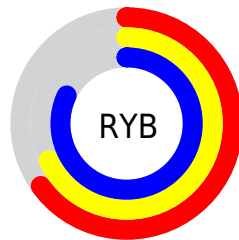
Distribution



Red (65%)

Green (69%)

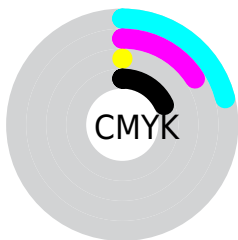
Blue (82%)



Red (65%)

Yellow (68%)

Blue (82%)

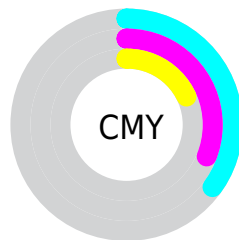


Cyan (21%)

Magenta (16%)

Yellow (0%)

Black (18%)



Cyan (35%)

Magenta (31%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.8860, 16.3252, -9.5470 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 175.8860, 16.3252, -9.5470 by changing the saturation by 10% instead.

■ 175.8860, 16.3252,
-9.5470

■ 175.8860, 16.3252,
-9.5470

■ 255.0000, 0.0000,
0.0000

■ 148.7720, 15.8884,
-9.4470

■ 229.8600, 12.3940,
-8.6472

■ 123.3590, 15.5990,
-9.9618

■ 253.2060, 0.8844,
-3.6887

■ 98.1310, 14.7254,
-9.7619

■ 74.0170, 14.2886,
-9.6619

■ 51.4900, 13.5624,
-10.0767

■ 29.6640, 12.9836,
-11.1063

■ 6.9250, 13.8410,

-6.0732

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 175.8860, 16.3252,
-9.5470

■ 175.8860, 16.3252,
-9.5470

■ 160.2150, 24.0510,
-14.2206

■ 191.5570, 8.5994,
-4.8735

■ 144.5440, 31.7768,
-18.8941

■ 207.2280, 0.8736,
-0.2000

■ 128.8730, 39.5026,
-23.5676

■ 222.8990, -6.8522,
4.4736

■ 112.6150, 47.5178,
-27.7264

■ 239.1570,
-14.8674, 8.6323

■ 97.2430, 55.0962,
-31.7851

■ 249.7560,
-20.0927, 4.5990

■ 81.5720, 62.8220,
-36.4586

■ 65.9010, 70.5478,
-41.1322

■ 52.0020, 77.4000,
-45.6058

Harmonies

Analogous

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



172.4280, 17.5370, -24.9314



175.8860, 16.3252, -9.5470



178.0300, 11.3242, 7.8667

Triad

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



175.8860, 16.3252, -9.5470



177.4890, -11.5801, 27.6351



170.3470, -3.1291, -23.1063

Complementary

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



175.8860, 16.3252, -9.5470



198.1140, -16.3252, 9.5470

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.



172.6710, -11.1768, -8.4815



175.8860, 16.3252, -9.5470



176.2940, -15.9209, 19.9132

Square

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



175.8860, 16.3252, -9.5470



178.7370, -4.3073, 28.2947



174.5050, -16.0250, 6.5731



169.3980, 6.2128, -32.7980

Rectangle

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



175.8860, 16.3252, -9.5470



178.8310, 6.4923, 17.6882



174.5050, -16.0250, 6.5731



170.9840, -5.9081, -18.4030

Sweetspot

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



175.8860, 16.3252, -9.5470



243.4710, 5.6838, -3.0441



194.7040, 2.1179, -26.0504



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.



175.8860, 16.3252, -9.5470



207.1010, 23.6142, -14.1206



173.6040, 17.4502, 2.9783



96.4280, 4.2260, -2.1294



41.4580, 62.3852, -36.3587



9.9570, 15.3042, -8.7323

Inverse Universe

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



179.2960, -2.1179, 26.0504



211.8460, -2.8821, 37.8461



200.3960, -17.4502, -2.9783



97.5170, -0.7479, 6.5626



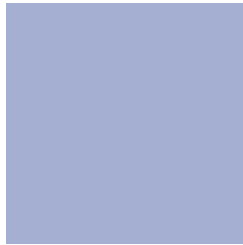
54.5640, -8.1661, 99.4834



13.2850, -2.1125, 24.3061

Previews

White Background



This preview shows how the YUV color 175.8860, 16.3252, -9.5470 looks on a white background.

Color Contrast Check

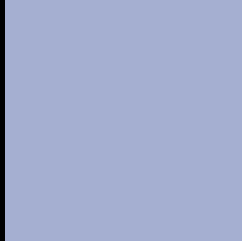
Large Text (above 18pt) WCAG AA × Fail

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 175.8860, 16.3252, -9.5470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

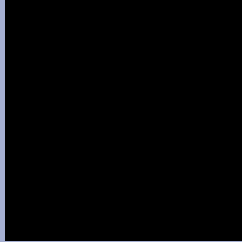
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.8860, 16.3252, -9.5470

Background



This preview shows how black text looks on a background with the YUV color 175.8860, 16.3252, -9.5470.



This preview shows how white text looks on a background with the YUV color 175.8860, 16.3252, -9.5470.

-9.5470.

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

175.8860, 16.3252, -9.5470

Protanopia

176.3810, 15.5882, -6.4731

Deuteranopia

177.5280, 16.0087, -1.3401



Tritanopia

174.8120, 8.4737, -11.2361

Trichromacy



Original Color

175.8860, 16.3252, -9.5470

Protanomaly

176.0820, 15.7356, -7.0879

Deuteranomaly

176.9190, 16.3089, -4.3140

Tritanomaly

175.2080, 11.2365, -10.7064

Monochromacy



Original Color

175.8860, 16.3252, -9.5470

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 175.8860, 16.3252, -9.5470 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, 175, 209)` looks like.

```
.text, #text, p{  
    color:rgb(165, 175, 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, 175, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 175, 209) }
```

Border

The CSS property to change the border of an element to YUV 175.8860, 16.3252, -9.5470 is called "border". The border property can be set on classes, ids or directly on the HTML element.

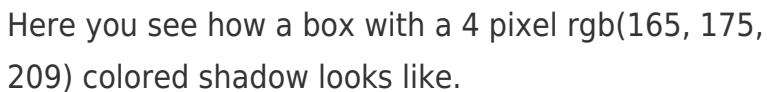
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 175, 209) }
```


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

```
.border{ border-color:rgb(165, 175, 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, 175, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 175, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 175, 209);  
box-shadow:4px 4px 4px 4px rgb(165, 175,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 175.8860, 16.3252, -9.5470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 175, 209) }
```

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

```
.background{ background-color: rgb(165,  
175, 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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