

Converting Colors

YUV(185.7650, 19.8359,
-15.5799)

Have a look what the booklet for
YUV(185.7650, 19.8359, -15.5799)
contains.

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Color

**YUV(185.7650, 19.8359,
-15.5799)**

Conversions

Conversions Part 1

Format	Color
Hex	A8BBE2
RGB	168, 187, 226
RGB Percent	66%, 73%, 89%
CMY	0.3412, 0.2667, 0.1137
CMYK	0.26, 0.17, 0.00, 0.11
HSL	220°, 50%, 77%
HSV	220°, 26%, 89%
XYZ	47.6462, 49.3565, 78.9670
YIQ	185.7650, -23.8430, 8.1010

Conversions

Conversions Part 2

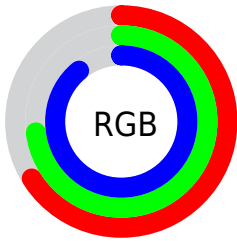
Format	Color
R _Y B	168, 182, 226
Decimal	11058146
CIE Lab	75.67, 2.05, -21.63
CIE LCh	76, 21.731, 275.416
Yxy	49.3565, 0.2708, 0.2805
Android (android.graphics.Color)	4289248226 (0xFFA8BBE2)
YUV	185.7650, 19.8359, -15.5799
Hunter-Lab	70.2542, -1.8864, -17.4652

Details

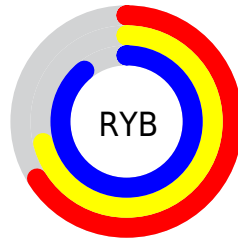
The YUV color **185.7650, 19.8359, -15.5799** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **208.2350, -19.8359, 15.5799**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.6870, 8.0423, -12.8805**, and **132.5370, 18.9623, -15.3799** is the 20% darker color. If you saturate the color by 10%, you get **170.0830, 27.5671, -21.9978**, and if you desaturate by 10%, it is **201.4470, 12.1046, -9.1620**.

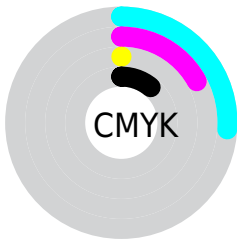
Distribution



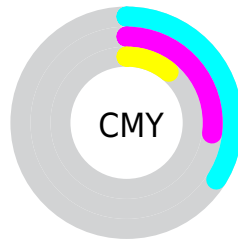
- Red (66%)
- Green (73%)
- Blue (89%)



- Red (66%)
- Yellow (71%)
- Blue (89%)



- Cyan (26%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)



- Cyan (34%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.7650, 19.8359, -15.5799 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 185.7650, 19.8359, -15.5799 by changing the saturation by 10% instead.

■ 185.7650, 19.8359,
-15.5799

■ 185.7650, 19.8359,
-15.5799

255.0000, 0.0000,
0.0000

■ 158.6510, 19.3991,
-15.4799

■ 238.6870, 8.0423,
-12.8805

■ 132.5370, 18.9623,
-15.3799

■ 254.4020, 0.2948,
-1.2296

■ 107.0100, 18.2361,
-15.7948

■ 82.4830, 17.5099,
-16.2096

■ 58.3690, 17.0731,
-16.1096

■ 35.3470, 17.0839,
-19.5983

■ 16.5110, 15.0311,

-14.4801

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 185.7650, 19.8359,
-15.5799

■ 185.7650, 19.8359,
-15.5799

■ 170.0830, 27.5671,
-21.9978

■ 201.4470, 12.1046,
-9.1620

■ 154.7000, 35.1509,
-27.8009

■ 216.8300, 4.5208,
-3.3589

■ 138.4310, 43.1715,
-33.7040

■ 233.0990, -3.4998,
2.5442

■ 123.0480, 50.7553,
-39.5071

■ 247.5850,
-10.6414, 6.5030

■ 107.3660, 58.4866,
-45.9250

■ 251.6940,
-12.6671, 2.8994

■ 91.6840, 66.2178,
-52.3429

■ 76.3010, 73.8016,
-58.1460

■ 69.2020, 77.3014,
-60.6902

Harmonies

Analogous

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



181.6550, 19.8901, -33.0234



185.7650, 19.8359, -15.5799



188.9310, 14.8240, 5.3225

Triad

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



185.7650, 19.8359, -15.5799



188.7070, -12.1806, 33.5830



180.0650, -5.4550, -23.7360

Complementary

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



185.7650, 19.8359, -15.5799



208.2350, -19.8359, 15.5799

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.



182.7700, -14.6766, -5.9373



185.7650, 19.8359, -15.5799



187.4580, -17.9738, 25.0313

Square

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



185.7650, 19.8359, -15.5799



189.6990, -3.3026, 32.7130



185.1420, -18.8040, 11.2765



178.4360, 5.2081, -37.2164

Rectangle

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



185.7650, 19.8359, -15.5799



189.9280, 9.4025, 17.6031



185.1420, -18.8040, 11.2765



181.1860, -8.9657, -17.7031

Sweetspot

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



185.7650, 19.8359, -15.5799



240.8020, 6.9996, -5.0884



206.4920, 0.2504, -33.7575



118.8300, 4.5208, -3.3589



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.



185.7650, 19.8359, -15.5799



200.2680, 26.9829, -21.2830



177.6020, 23.8602, 0.3490



104.6020, 3.6472, -3.1590



54.1100, 60.0918, -47.4545



14.8640, 16.3360, -13.0357

Inverse Universe

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



187.5080, -0.2504, 33.7575



202.5850, -0.2884, 45.9680



216.3980, -23.8602, -0.3490



104.7450, 0.1257, 6.3626



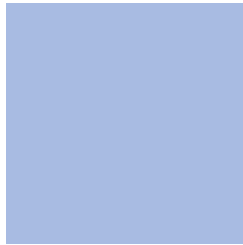
59.2360, -0.6093, 102.4020



16.1760, -0.0868, 27.9096

Previews

White Background



This preview shows how the YUV color 185.7650, 19.8359, -15.5799 looks on a white background.

Color Contrast Check

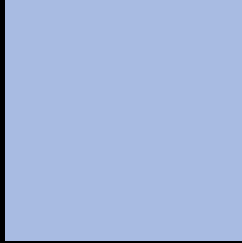
Large Text (above 18pt) WCAG AA × Fail

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 185.7650, 19.8359, -15.5799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

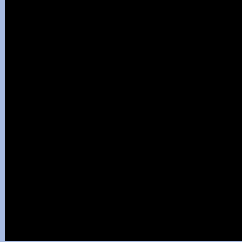
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 185.7650, 19.8359, -15.5799

Background



This preview shows how black text looks on a background with the YUV color 185.7650, 19.8359, -15.5799.



This preview shows how white text looks on a background with the YUV color 185.7650, 19.8359, -15.5799.

-15.5799.

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

185.7650, 19.8359, -15.5799

Protanopia

186.7660, 18.3564, -7.6878

Deuteranopia

187.7280, 19.3611, -3.2695



Tritanopia

184.6370, 10.5320, -18.0986

Trichromacy



Original Color

185.7650, 19.8359, -15.5799

Protanomaly

186.2710, 19.0934, -10.7617

Deuteranomaly

187.1080, 19.6668, -7.9877

Tritanomaly

185.1470, 13.7315, -17.6689

Monochromacy



Original Color

185.7650, 19.8359, -15.5799

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.6170, 7.5838, -5.8031

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.7650, 19.8359, -15.5799 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(168, 187, 226)` looks like.

```
.text, #text, p{  
    color:rgb(168, 187, 226)  
}
```

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(168, 187, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 187, 226) }
```

Border

The CSS property to change the border of an element to YUV 185.7650, 19.8359, -15.5799 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(168, 187, 226) }
```


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

```
.border{ border-color:rgb(168, 187, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 187, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 187, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 187, 226);  
box-shadow:4px 4px 4px 4px rgb(168, 187,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 185.7650, 19.8359, -15.5799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 187, 226) }
```

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

```
.background{ background-color: rgb(168,  
187, 226) }
```

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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