

Converting Colors

YUV(158.4950, 19.4760, 6.5819)

Have a look what the booklet for
YUV(158.4950, 19.4760, 6.5819)
contains.

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Color

**YUV(158.4950, 19.4760,
6.5819)**

Conversions

Conversions Part 1

Format	Color
Hex	A693C6
RGB	166, 147, 198
RGB Percent	65%, 58%, 78%
CMY	0.3490, 0.4235, 0.2235
CMYK	0.16, 0.26, 0.00, 0.22
HSL	262°, 31%, 68%
HSV	262°, 26%, 78%
XYZ	36.3526, 33.0516, 57.8897
YIQ	158.4950, -5.0470, 19.8890

Conversions

Conversions Part 2

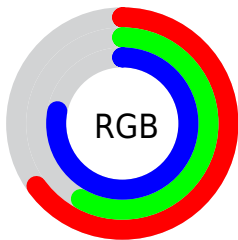
Format	Color
R_{YB}	166, 147, 198
Decimal	10916806
CIE _{Lab}	64.20, 17.24, -23.74
CIE _{LCh}	64, 29.341, 305.983
Yxy	33.0516, 0.2856, 0.2596
Android (android.graphics.Color)	4289106886 (0xFFA693C6)
YUV	158.4950, 19.4760, 6.5819
Hunter-Lab	57.4906, 12.2613, -19.4582

Details

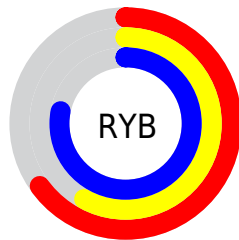
The YUV color **158.4950, 19.4760, 6.5819** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **186.5050, -19.4760, -6.5819**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.4350, 20.4915, 7.5115**, and **106.5550, 18.4604, 5.6523** is the 20% darker color. If you saturate the color by 10%, you get **143.1670, 27.0327, 9.5005**, and if you desaturate by 10%, it is **173.8230, 11.9193, 3.6632**.

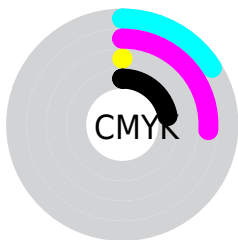
Distribution



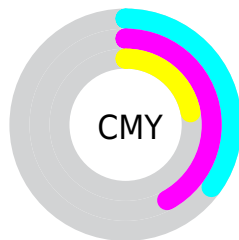
- Red (65%)
- Green (58%)
- Blue (78%)



- Red (65%)
- Yellow (58%)
- Blue (78%)



- Cyan (16%)
- Magenta (26%)
- Yellow (0%)
- Black (22%)



- Cyan (35%)
- Magenta (42%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.4950, 19.4760, 6.5819 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 158.4950, 19.4760, 6.5819 by changing the saturation by 10% instead.

■ 158.4950, 19.4760,
6.5819

■ 158.4950, 19.4760,
6.5819

255.0000, 0.0000,
0.0000

■ 132.0820, 19.1866,
6.0671

■ 213.4350, 20.4915,
7.5115

■ 106.5550, 18.4604,
5.6523

■ 238.2430, 8.2612,
10.3109

■ 82.0280, 17.7342,
5.2374

■ 59.0880, 16.7186,
4.3078

■ 37.2620, 16.1398,
3.2782

■ 14.2730, 16.1344,
5.0226

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 158.4950, 19.4760,
6.5819

■ 158.4950, 19.4760,
6.5819

■ 143.1670, 27.0327,
9.5005

■ 173.8230, 11.9193,
3.6632

■ 127.5400, 34.7368,
11.8044

■ 189.4500, 4.2152,
1.3594

■ 112.7990, 42.0041,
14.2083

■ 204.1910, -3.0522,
-1.0445

■ 97.1720, 49.7082,
16.5122

■ 219.8180,
-10.7563, -3.3484

■ 81.8440, 57.2649,
19.4308

■ 235.1460,
-18.3130, -6.2670

■ 66.2170, 64.9690,
21.7347

■ 244.3160,
-22.8338, -2.9081

■ 50.8890, 72.5257,
24.6533

■ 247.9040,
-24.6027, 4.4692

■ 44.6980, 75.5779,
25.6979

■ 248.5020,
-24.8975, 5.6987

Harmonies

Analogous

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



153.7410, 26.2567, -21.6979



158.4950, 19.4760, 6.5819



159.4780, 8.6383, 29.3988

Triad

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



158.4950, 19.4760, 6.5819



156.0090, -23.6684, 31.5641



142.2490, 8.7512, -53.7154

Complementary

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



158.4950, 19.4760, 6.5819



186.5050, -19.4760, -6.5819

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.



146.3690, -6.5909, -32.7726



158.4950, 19.4760, 6.5819



153.8450, -25.0666, 13.2909

Square

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



158.4950, 19.4760, 6.5819



157.5510, -15.5546, 42.4898



150.4230, -18.4495, -9.1410



140.9240, 21.7295, -63.0773

Rectangle

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



158.4950, 19.4760, 6.5819



159.0680, 0.4595, 39.4054



150.4230, -18.4495, -9.1410



143.9140, 3.4934, -47.2826

Sweetspot

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



158.4950, 19.4760, 6.5819



239.3730, 7.7041, 2.3039



171.5980, 13.0162, -21.5724



117.9770, 4.9413, 1.7742



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.



158.4950, 19.4760, 6.5819



193.6770, 30.2322, 9.9303



165.9700, 15.7908, 21.9513



91.9230, 3.4890, 0.9445



36.8210, 62.2062, 21.2050



7.9910, 13.8084, 4.3929

Inverse Universe

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



165.8970, 6.4598, 28.1543



205.3210, 10.1947, 43.5685



179.0300, -15.7908, -21.9513



93.3750, 1.2941, 4.9331



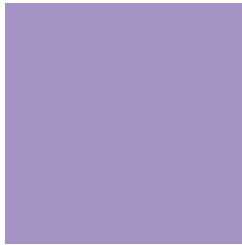
60.3650, 20.5261, 90.0109



13.2720, 4.3029, 19.9325

Previews

White Background



This preview shows how the YUV color 158.4950, 19.4760, 6.5819 looks on a white background.

Color Contrast Check

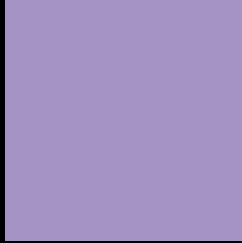
Large Text (above 18pt) WCAG AA × Fail

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 158.4950, 19.4760, 6.5819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

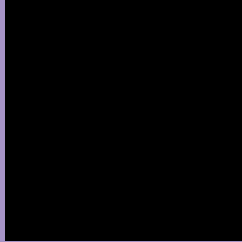
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.4950, 19.4760, 6.5819

Background



This preview shows how black text looks on a background with the YUV color 158.4950, 19.4760, 6.5819.



This preview shows how white text looks on a background with the YUV color 158.4950, 19.4760,

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

158.4950, 19.4760, 6.5819

Protanopia

156.2970, 23.0246, -11.6615

Deuteranopia

156.8200, 19.8087, -6.8581



Tritanopia

156.4610, 4.2097, 3.1037

Trichromacy



Original Color

158.4950, 19.4760, 6.5819

Protanomaly

156.7000, 21.8399, -4.9989

Deuteranomaly

157.4400, 19.5031, -2.1399

Tritanomaly

157.2530, 9.7353, 4.1631

Monochromacy



Original Color

158.4950, 19.4760, 6.5819

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.2590, 7.2673, 2.4039

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.4950, 19.4760, 6.5819 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(166, 147, 198)` looks like.

```
.text, #text, p{  
    color:rgb(166, 147, 198)  
}
```

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(166, 147, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 147, 198) }
```

Border

The CSS property to change the border of an element to YUV 158.4950, 19.4760, 6.5819 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(166, 147, 198) }
```


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

```
.border{ border-color:rgb(166, 147, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 147, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 147, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 147, 198);  
box-shadow:4px 4px 4px 4px rgb(166, 147,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 158.4950, 19.4760, 6.5819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 147, 198) }
```

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

```
.background{ background-color: rgb(166,  
147, 198) }
```

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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