

Converting Colors

YUV(158.5650, 19.9345,
-0.4955)

Have a look what the booklet for
YUV(158.5650, 19.9345, -0.4955)
contains.

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Color

**YUV(158.5650, 19.9345,
-0.4955)**

Conversions

Conversions Part 1

Format	Color
Hex	9E97C7
RGB	158, 151, 199
RGB Percent	62%, 59%, 78%
CMY	0.3804, 0.4078, 0.2196
CMYK	0.21, 0.24, 0.00, 0.22
HSL	249°, 30%, 69%
HSV	249°, 24%, 78%
XYZ	35.4760, 33.5258, 58.6342
YIQ	158.5650, -11.2360, 16.4120

Conversions

Conversions Part 2

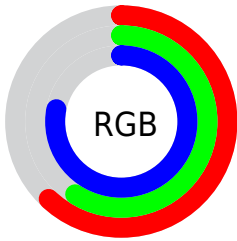
Format	Color
R_{YB}	158, 151, 199
Decimal	10393543
CIE _{Lab}	64.58, 12.65, -23.78
CIE _{LCh}	65, 26.933, 298.020
Yxy	33.5258, 0.2779, 0.2627
Android (android.graphics.Color)	4288583623 (0xFF9E97C7)
YUV	158.5650, 19.9345, -0.4955
Hunter-Lab	57.9015, 8.0384, -19.5092

Details

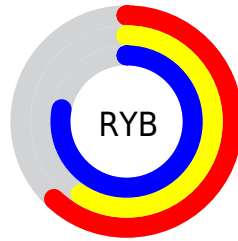
The YUV color $158.5650, 19.9345, -0.4955$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $191.4350, -19.9345, 0.4955$, and the grayscale version is $158.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $213.0920, 20.6606, -0.0807$, and $106.9240, 18.7715, -0.8103$ is the 20% darker color. If you saturate the color by 10%, you get $141.7420, 28.2282, -0.6507$, and if you desaturate by 10%, it is $175.3880, 11.6407, -0.3403$.

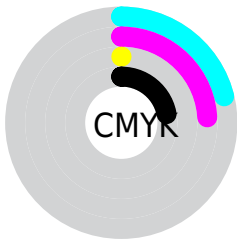
Distribution



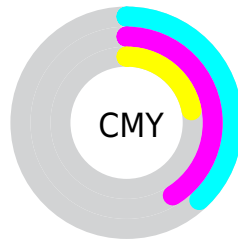
- Red (62%)
- Green (59%)
- Blue (78%)



- Red (62%)
- Yellow (59%)
- Blue (78%)



- Cyan (21%)
- Magenta (24%)
- Yellow (0%)
- Black (22%)



- Cyan (38%)
- Magenta (41%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.5650, 19.9345, -0.4955 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 158.5650, 19.9345, -0.4955 by changing the saturation by 10% instead.

■ 158.5650, 19.9345,
-0.4955

■ 158.5650, 19.9345,
-0.4955

255.0000, 0.0000,
0.0000

■ 132.4510, 19.4977,
-0.3955

■ 213.0920, 20.6606,
-0.0807

■ 106.9240, 18.7715,
-0.8103

■ 238.1990, 8.2829,
3.3335

■ 82.3970, 18.0453,
-1.2252

■ 59.4570, 17.0297,
-2.1548

■ 36.9300, 16.3035,
-2.5696

■ 14.9300, 16.3035,
-2.5696

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 158.5650, 19.9345,
-0.4955

■ 158.5650, 19.9345,
-0.4955

■ 141.7420, 28.2282,
-0.6507

■ 175.3880, 11.6407,
-0.3403

■ 124.9190, 36.5219,
-0.8060

■ 192.2110, 3.3470,
-0.1850

■ 108.0960, 44.8157,
-0.9612

■ 209.0340, -4.9468,
-0.0298

■ 91.2730, 53.1094,
-1.1164

■ 225.8570,
-13.2405, 0.1254

■ 75.0370, 61.1138,
-1.7864

■ 242.6800,
-21.5342, 0.2806

■ 58.2140, 69.4075,
-1.9417

■ 248.6160,
-24.4607, 5.5988

■ 41.3910, 77.7012,
-2.0969

■ 31.3570, 82.6480,
-2.0671

Harmonies

Analogous

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



153.3660, 24.9626, -26.6310



158.5650, 19.9345, -0.4955



160.3030, 10.6966, 22.5363

Triad

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



158.5650, 19.9345, -0.4955



157.3450, -19.8901, 33.0234



146.0500, 3.9193, -43.8939

Complementary

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



158.5650, 19.9345, -0.4955



191.4350, -19.9345, 0.4955

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.



149.3270, -9.5282, -23.9658



158.5650, 19.9345, -0.4955



155.7360, -23.0408, 16.8945

Square

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



158.5650, 19.9345, -0.4955



158.8650, -11.7654, 40.4604



152.9400, -19.1974, -2.5784



143.7140, 16.9030, -55.0002

Rectangle

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



158.5650, 19.9345, -0.4955



160.4200, 3.2439, 32.9577



152.9400, -19.1974, -2.5784



146.9430, -0.4649, -37.6610

Sweetspot

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



158.5650, 19.9345, -0.4955



239.9490, 7.4201, 0.0447



181.1260, 8.8119, -26.4205



118.8520, 4.5100, 0.1298



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.



158.5650, 19.9345, -0.4955



192.7250, 30.7016, -0.6358



165.4420, 16.5441, 13.6444



91.3250, 3.7838, -0.2850



25.7580, 67.6603, -1.5418



5.5990, 14.9877, -0.5253

Inverse Universe

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



170.0260, 10.8332, 25.4102



210.3080, 16.6102, 39.1949



184.5580, -16.5441, -13.6444



93.6030, 2.1677, 4.7332



64.5830, 36.6876, 86.3117



14.1840, 7.7973, 19.1326

Previews

White Background



This preview shows how the YUV color 158.5650, 19.9345, -0.4955 looks on a white background.

Color Contrast Check

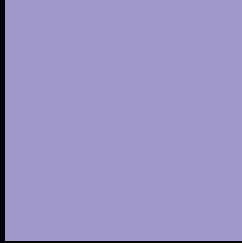
Large Text (above 18pt) WCAG AA × Fail

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 158.5650, 19.9345, -0.4955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

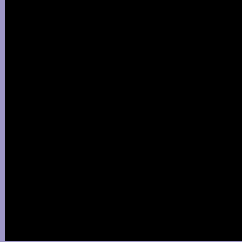
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.5650, 19.9345, -0.4955

Background



This preview shows how black text looks on a background with the YUV color 158.5650, 19.9345, -0.4955.



This preview shows how white text looks on a background with the YUV color 158.5650, 19.9345, -0.4955.

-0.4955.

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

158.5650, 19.9345, -0.4955

Protanopia

157.0690, 22.1510, -11.4615

Deuteranopia

157.8200, 19.8087, -6.8581



Tritanopia

157.1720, 5.8312, -3.6588

Trichromacy



Original Color

158.5650, 19.9345, -0.4955

Protanomaly

157.8630, 21.2665, -7.7729

Deuteranomaly

158.1300, 19.6559, -4.4990

Tritanomaly

157.8500, 10.9200, -2.4994

Monochromacy



Original Color

158.5650, 19.9345, -0.4955

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.9490, 7.4201, 0.0447

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.5650, 19.9345, -0.4955 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(158, 151, 199)` looks like.

```
.text, #text, p{  
    color:rgb(158, 151, 199)  
}
```

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(158, 151, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 151, 199) }
```

Border

The CSS property to change the border of an element to YUV 158.5650, 19.9345, -0.4955 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(158, 151, 199) }
```


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

```
.border{ border-color:rgb(158, 151, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 151, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 151, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 151, 199);  
box-shadow:4px 4px 4px 4px rgb(158, 151,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 158.5650, 19.9345, -0.4955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 151, 199) }
```

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

```
.background{ background-color: rgb(158,  
151, 199) }
```

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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