

Converting Colors

YUV(167.6950, 19.3774,
-8.5025)

Have a look what the booklet for
YUV(167.6950, 19.3774, -8.5025)
contains.

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Color

**YUV(167.6950, 19.3774,
-8.5025)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA5CF
RGB	158, 165, 207
RGB Percent	62%, 65%, 81%
CMY	0.3804, 0.3529, 0.1882
CMYK	0.24, 0.20, 0.00, 0.19
HSL	231°, 34%, 72%
HSV	231°, 24%, 81%
XYZ	38.8182, 38.6844, 64.4524
YIQ	167.6950, -17.6540, 11.5780

Conversions

Conversions Part 2

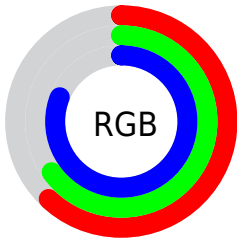
Format	Color
RYB	158, 164, 207
Decimal	10397135
CIELab	68.52, 6.65, -22.20
CIELCh	69, 23.174, 286.671
Yxy	38.6844, 0.2735, 0.2725
Android (android.graphics.Color)	4288587215 (0xFF9EA5CF)
YUV	167.6950, 19.3774, -8.5025
Hunter-Lab	62.1968, 2.5609, -17.9025

Details

The YUV color **167.6950, 19.3774, -8.5025** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **197.3050, -19.3774, 8.5025**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8970, 16.3198, -7.8027**, and **115.4670, 18.5038, -8.3026** is the 20% darker color. If you saturate the color by 10%, you get **150.8500, 27.6819, -12.1465**, and if you desaturate by 10%, it is **184.5400, 11.0728, -4.8586**.

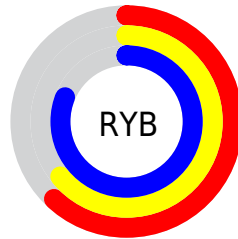
Distribution



Red (62%)

Green (65%)

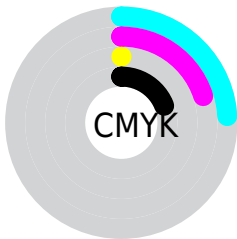
Blue (81%)



Red (62%)

Yellow (64%)

Blue (81%)

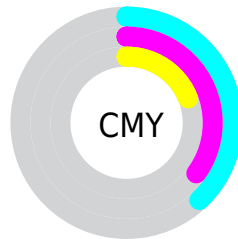


Cyan (24%)

Magenta (20%)

Yellow (0%)

Black (19%)



Cyan (38%)

Magenta (35%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.6950, 19.3774, -8.5025 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 167.6950, 19.3774, -8.5025 by changing the saturation by 10% instead.

■ 167.6950, 19.3774,
-8.5025

■ 167.6950, 19.3774,
-8.5025

255.0000, 0.0000,
0.0000

■ 141.1680, 18.6512,
-8.9173

■ 221.8970, 16.3198,
-7.8027

■ 115.4670, 18.5038,
-8.3026

■ 247.0040, 3.9420,
-4.3885

■ 90.9400, 17.7776,
-8.7174

■ 67.0000, 16.7620,
-9.6470

■ 44.4730, 16.0358,
-10.0618

■ 21.7500, 15.8993,
-12.9358

■ 4.9360, 13.8356,

-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 167.6950, 19.3774,
-8.5025

■ 167.6950, 19.3774,
-8.5025

■ 150.8500, 27.6819,
-12.1465

■ 184.5400, 11.0728,
-4.8586

■ 134.8910, 35.5497,
-15.6904

■ 200.4990, 3.2050,
-1.3146

■ 118.0460, 43.8543,
-19.3343

■ 217.3440, -5.0996,
2.3293

■ 101.2010, 52.1589,
-22.9783

■ 234.1890,
-13.4042, 5.9732

■ 84.6550, 60.3161,
-26.0074

■ 248.9410,
-20.6769, 5.3137

■ 68.3970, 68.3313,
-30.1662

■ 249.5280,
-20.9663, 4.7989

■ 51.5520, 76.6359,
-33.8101

■ 41.2080, 81.7355,
-36.1394

Harmonies

Analogous

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



163.4320, 21.4790, -29.3199



167.6950, 19.3774, -8.5025



170.4050, 12.6183, 12.7998

Triad

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



167.6950, 19.3774, -8.5025



168.8980, -15.2327, 32.5385



159.4600, -1.2128, -31.0984

Complementary

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



167.6950, 19.3774, -8.5025



197.3050, -19.3774, 8.5025

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.



162.4100, -12.0341, -13.5146



167.6950, 19.3774, -8.5025



167.2680, -19.8521, 20.8130

Square

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



167.6950, 19.3774, -8.5025



169.7980, -6.8024, 35.2572



164.8100, -18.6403, 5.4286



157.9560, 9.8817, -42.9344

Rectangle

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



167.6950, 19.3774, -8.5025



170.5760, 6.6180, 24.0508



164.8100, -18.6403, 5.4286



160.7550, -5.3022, -26.0951

Sweetspot

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



167.6950, 19.3774, -8.5025



240.8130, 6.9942, -3.3440



191.5510, 4.1654, -29.4242



119.4280, 4.2260, -2.1294



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.



167.6950, 19.3774, -8.5025



197.9640, 28.1187, -12.2464



168.6690, 18.8972, 5.5523



96.4280, 4.2260, -2.1294



33.2400, 66.4367, -29.1515



8.1960, 16.1724, -7.1879

Inverse Universe

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



173.4490, -4.1654, 29.4242



206.3690, -6.0979, 42.6494



196.3310, -18.8972, -5.5523



97.5170, -0.7479, 6.5626



52.9680, -14.2812, 100.8831



12.9430, -3.4229, 24.6060

Previews

White Background



This preview shows how the YUV color 167.6950, 19.3774, -8.5025 looks on a white background.

Color Contrast Check

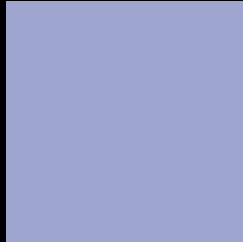
Large Text (above 18pt) WCAG AA × Fail

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 167.6950, 19.3774, -8.5025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

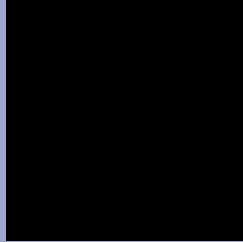
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.6950, 19.3774, -8.5025

Background



This preview shows how black text looks on a background with the YUV color 167.6950, 19.3774, -8.5025.



This preview shows how white text looks on a background with the YUV color 167.6950, 19.3774, -8.5025.

-8.5025.

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

167.6950, 19.3774, -8.5025

Protanopia

167.3960, 19.5248, -9.1173

Deuteranopia

168.6030, 18.9297, -4.9138



Tritanopia

165.8120, 8.4737, -11.2361

Trichromacy



Original Color

167.6950, 19.3774, -8.5025

Protanomaly

167.3960, 19.5248, -9.1173

Deuteranomaly

168.0050, 19.2245, -6.1434

Tritanomaly

166.8490, 12.3994, -10.3916

Monochromacy



Original Color

167.6950, 19.3774, -8.5025

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.8130, 6.9942, -3.3440

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.6950, 19.3774, -8.5025 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, 165, 207)` looks like.

```
.text, #text, p{  
    color:rgb(158, 165, 207)  
}
```

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, 165, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 165, 207) }
```

Border

The CSS property to change the border of an element to YUV 167.6950, 19.3774, -8.5025 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, 165, 207) }
```


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

```
.border{ border-color:rgb(158, 165, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 165, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 165, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 165, 207);  
box-shadow:4px 4px 4px 4px rgb(158, 165,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 167.6950, 19.3774, -8.5025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 165, 207) }
```

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

```
.background{ background-color: rgb(158,  
165, 207) }
```

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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