

# Converting Colors

YUV(159.9820, 7.4039, 5.2778)

Have a look what the booklet for  
YUV(159.9820, 7.4039, 5.2778)  
contains.

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# Color

**YUV(159.9820, 7.4039,  
5.2778)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A69AAF
RGB	166, 154, 175
RGB Percent	65%, 60%, 69%
CMY	0.3490, 0.3961, 0.3137
CMYK	0.05, 0.12, 0.00, 0.31
HSL	274°, 12%, 65%
HSV	274°, 12%, 69%
XYZ	35.0193, 34.3133, 45.3349
YIQ	159.9820, 0.4110, 9.0750

# Conversions

## Conversions Part 2

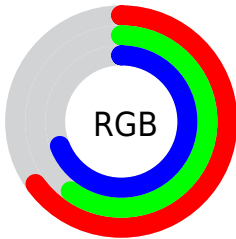
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 154, 175
Decimal	10918575
CIE <sub>Lab</sub>	65.21, 8.40, -9.33
CIE <sub>LCh</sub>	65, 12.553, 312.021
Yxy	34.3133, 0.3054, 0.2992
Android (android.graphics.Color)	4289108655 (0xFFA69AAF)
YUV	159.9820, 7.4039, 5.2778
Hunter-Lab	58.5776, 4.2016, -4.8819

# Details

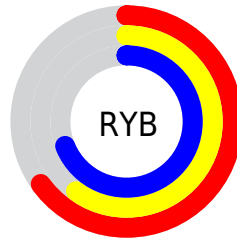
The YUV color **159.9820, 7.4039, 5.2778** is a light color, and the websafe version is hex **999999**. A complement of this color would be **169.0180, -7.4039, -5.2778**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.5090, 8.1301, 5.6926**, and **108.5690, 7.1145, 4.7630** is the 20% darker color. If you saturate the color by 10%, you get **147.9100, 13.3554, 9.7259**, and if you desaturate by 10%, it is **172.3530, 1.3050, 1.4444**.

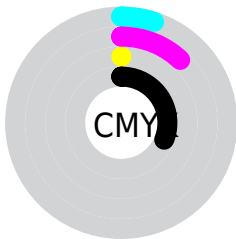
# Distribution



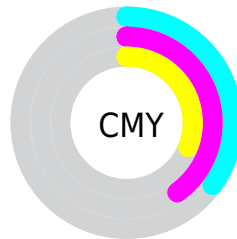
- Red (65%)
- Green (60%)
- Blue (69%)



- Red (65%)
- Yellow (60%)
- Blue (69%)



- Cyan (5%)
- Magenta (12%)
- Yellow (0%)
- Black (31%)



- Cyan (35%)
- Magenta (40%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 159.9820, 7.4039, 5.2778 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 159.9820, 7.4039, 5.2778 by changing the saturation by 10% instead.



■ 159.9820, 7.4039,  
5.2778

■ 159.9820, 7.4039,  
5.2778

■ 255.0000, 0.0000,  
0.0000

■ 133.8680, 6.9671,  
5.3778

■ 214.5090, 8.1301,  
5.6926

■ 108.5690, 7.1145,  
4.7630

■ 242.9390, 5.9461,  
6.1925

■ 84.1560, 6.8251,  
4.2482

■ 61.0420, 6.3883,  
4.3482

■ 39.5150, 5.6621,  
3.9333

■ 18.2270, 5.8041,  
5.0629

■ 0.3420, 1.3104,

-0.2999

0.0000, 0.0000,  
0.0000

159.9820, 7.4039,  
5.2778

159.9820, 7.4039,  
5.2778

147.9100, 13.3554,  
9.7259

172.3530, 1.3050,  
1.4444

134.9520, 19.7437,  
14.0741

185.0120, -4.9359,  
-3.5185

122.2930, 25.9846,  
19.0370

197.6710,  
-11.1768, -8.4815

109.9220, 32.0835,  
22.8704

210.0420,  
-17.2757, -12.3148

97.2630, 38.3243,  
27.8333

222.7010,  
-23.5166, -17.2778

84.8920, 44.4232,  
31.6667

232.7240,  
-28.4579, -19.0519

72.8200, 50.3747,  
36.1149

234.8170,  
-29.4898, -14.7485

59.8620, 56.7630,  
40.4630

237.2090,  
-30.6690, -9.8303

49.8500, 61.6990,  
43.9816

239.3020,  
-31.7009, -5.5269

# Harmonies

## Analogous

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



158.7140, 10.4940, -5.8882



159.9820, 7.4039, 5.2778



160.3700, 2.2826, 14.5845

# Triad

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



159.9820, 7.4039, 5.2778



158.6290, -10.6631, 13.4804



154.4920, 3.7014, -20.6025

# Complementary

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



159.9820, 7.4039, 5.2778



169.0180, -7.4039, -5.2778

# 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.



154.7440, -1.8458, -14.6845



159.9820, 7.4039, 5.2778



157.5740, -10.6360, 4.7586

# Square

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



159.9820, 7.4039, 5.2778



159.7590, -7.7692, 18.6284



156.0180, -7.4039, -5.2778



155.1590, 8.7956, -21.1874



# Rectangle

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



159.9820, 7.4039, 5.2778



160.7680, -1.3646, 17.7435



156.0180, -7.4039, -5.2778



154.4490, 2.2436, -19.6878

# Sweetspot

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



159.9820, 7.4039, 5.2778



220.5210, 3.1941, 2.1741



161.6770, 6.5682, -6.7327



110.5810, 2.1786, 1.2445



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



159.9820, 7.4039, 5.2778



204.0300, 11.3242, 7.8667



162.5590, 5.6404, 10.9108



80.5210, 3.1941, 2.1741



42.8140, 52.8427, 37.8741



6.5090, 8.1301, 5.6926



# Inverse Universe

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



161.3050, 0.8356, 12.0105



206.1640, 1.3981, 18.2732



166.4410, -5.6404, -10.9108



81.1470, 0.4205, 5.1331



52.1460, 5.8440, 85.8180

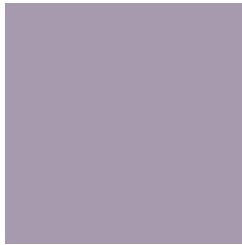


8.0170, 0.9776, 13.1401



# Previews

## White Background



This preview shows how the YUV color 159.9820, 7.4039, 5.2778 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

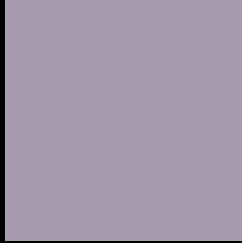
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 159.9820, 7.4039, 5.2778 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 159.9820, 7.4039, 5.2778

## Background



This preview shows how black text looks on a background with the YUV color 159.9820, 7.4039, 5.2778.



This preview shows how white text looks on a background with the YUV color 159.9820, 7.4039,



# 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

159.9820, 7.4039, 5.2778

### Protanopia

158.9810, 8.8834, -2.6143

### Deuteranopia

159.9820, 7.4039, 5.2778



## Tritanopia

159.3580, 3.7675, 4.9480

# Trichromacy



## Original Color

159.9820, 7.4039, 5.2778

## Protanomaly

159.4760, 8.1463, 0.4595

## Deuteranomaly

159.9820, 7.4039, 5.2778

## Tritanomaly

159.7000, 5.0779, 4.6481

# Monochromacy



## Original Color

159.9820, 7.4039, 5.2778

## Achromatopsia

160.0000, 0.0000, 0.0000

## Achromatomaly

159.9940, 2.4680, 1.7593

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 159.9820, 7.4039, 5.2778 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, 154, 175)` looks like.

```
.text, #text, p{  
    color:rgb(166, 154, 175)  
}
```

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, 154, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 154, 175) }
```

## Border

The CSS property to change the border of an element to YUV 159.9820, 7.4039, 5.2778 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, 154, 175) }
```



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

```
.border{ border-color:rgb(166, 154, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 154, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 154, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 154, 175);  
box-shadow:4px 4px 4px 4px rgb(166, 154,  
175) }
```

# Background

The CSS property to change the background color of an element to YUV 159.9820, 7.4039, 5.2778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 154, 175) }
```

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

```
.background{ background-color: rgb(166,  
154, 175) }
```

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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