

# Converting Colors

YUV(159.3200, 4.7722, 9.3664)

Have a look what the booklet for  
YUV(159.3200, 4.7722, 9.3664)  
contains.

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# Color

**YUV(159.3200, 4.7722,  
9.3664)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AA98A9
RGB	170, 152, 169
RGB Percent	67%, 60%, 66%
CMY	0.3333, 0.4039, 0.3373
CMYK	0.00, 0.11, 0.01, 0.33
HSL	303°, 10%, 63%
HSV	303°, 11%, 67%
XYZ	34.9672, 33.8671, 42.2301
YIQ	159.3200, 5.2710, 9.1030

# Conversions

## Conversions Part 2

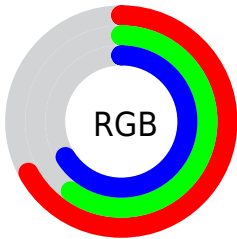
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 152, 169
Decimal	11180201
CIELab	64.86, 9.75, -6.45
CIElCh	65, 11.687, 326.531
Yxy	33.8671, 0.3148, 0.3049
Android (android.graphics.Color)	4289370281 (0xFFAA98A9)
YUV	159.3200, 4.7722, 9.3664
Hunter-Lab	58.1954, 5.4112, -2.2876

# Details

The YUV color **159.3200, 4.7722, 9.3664** is a light color, and the websafe version is hex **999999**, and the color name is **heliotrope gray**. A complement of this color would be **162.6800, -4.7722, -9.3664**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.7330, 5.0616, 9.8812**, and **107.9070, 4.4828, 8.8516** is the 20% darker color. If you saturate the color by 10%, you get **149.2270, 9.2551, 18.2179**, and if you desaturate by 10%, it is **169.4130, 0.2894, 0.5148**.

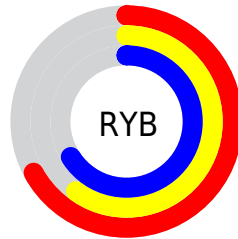
# Distribution



Red (67%)

Green (60%)

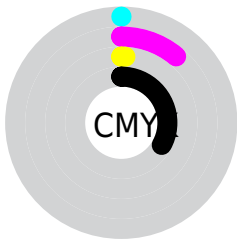
Blue (66%)



Red (67%)

Yellow (60%)

Blue (66%)

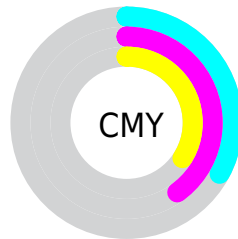


Cyan (0%)

Magenta (11%)

Yellow (1%)

Black (33%)



Cyan (33%)

Magenta (40%)


Yellow (34%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 159.3200, 4.7722, 9.3664 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 159.3200, 4.7722, 9.3664 by changing the saturation by 10% instead.



 159.3200, 4.7722,  
9.3664


 159.3200, 4.7722,  
9.3664


255.0000, 0.0000,  
0.0000


 133.0210, 4.9196,  
8.7516


 213.7330, 5.0616,  
9.8812


 107.9070, 4.4828,  
8.8516

 242.7330, 5.0616,  
9.8812

 83.4940, 4.1935,  
8.3368

 60.1950, 4.3409,  
7.7220

 38.7820, 4.0515,  
7.2072

 17.4940, 4.1935,  
8.3368

 0.0000, 0.0000,

0.0000

■ 159.3200, 4.7722,  
9.3664

■ 159.3200, 4.7722,  
9.3664

■ 149.2270, 9.2551,  
18.2179

■ 169.4130, 0.2894,  
0.5148

■ 139.1340, 13.7379,  
27.0695

■ 179.5060, -4.1935,  
-8.3368

■ 129.0410, 18.2208,  
35.9210

■ 189.5990, -8.6763,  
-17.1883

■ 118.9480, 22.7036,  
44.7726

■ 199.6920,  
-13.1592, -26.0399

■ 108.8550, 27.1865,  
53.6242

■ 209.7850,  
-17.6420, -34.8914

■ 98.7620, 31.6693,  
62.4757

■ 219.8780,  
-22.1249, -43.7430

■ 88.6690, 36.1522,  
71.3273

■ 220.5790,  
-21.9774, -44.3578

■ 78.5760, 40.6350,  
80.1788

■ 220.6930,  
-21.5406, -44.4578

■ 69.1840, 45.2653,  
88.4156

# Harmonies

## Analogous

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



158.2910, 8.7305, -0.2552



159.3200, 4.7722, 9.3664



159.3980, -0.1962, 16.3140

# Triad

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



159.3200, 4.7722, 9.3664



157.1230, -9.9206, 8.6621



153.7740, 6.0274, -19.9728

# Complementary

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



159.3200, 4.7722, 9.3664



162.6800, -4.7722, -9.3664

# 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.



154.1180, 0.9278, -17.6435



159.3200, 4.7722, 9.3664



156.4100, -8.5831, -0.3596

# Square

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



159.3200, 4.7722, 9.3664



158.3950, -9.0687, 15.4396



154.7940, -4.3354, -9.4663



155.2950, 9.2216, -17.7987



# Rectangle

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



159.3200, 4.7722, 9.3664



159.1980, -3.5486, 18.2434



154.7940, -4.3354, -9.4663



154.0190, 4.4276, -20.1877

# Sweetspot

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



159.3200, 4.7722, 9.3664



217.7770, 1.5889, 3.7036



154.3510, 7.7150, -1.1848



109.6520, 1.1576, 2.0592



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000



# Same Dimension

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



159.3200, 4.7722, 9.3664



204.7490, 7.5187, 15.1291



158.2940, 0.8411, 10.2662



79.3040, 2.3151, 4.1184



60.2120, 39.3355, 76.9901



8.1460, 5.3510, 10.3960



# Inverse Universe

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



159.3200, 4.7722, 9.3664



204.7490, 7.5187, 15.1291



163.7060, -0.8411, -10.2662



79.3040, 2.3151, 4.1184



60.2120, 39.3355, 76.9901



8.1460, 5.3510, 10.3960



# Previews

## White Background



This preview shows how the YUV color 159.3200, 4.7722, 9.3664 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

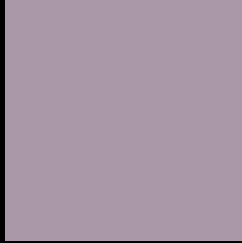
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 159.3200, 4.7722, 9.3664 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

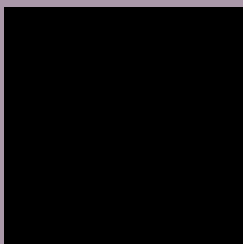
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 159.3200, 4.7722, 9.3664

## Background



This preview shows how black text looks on a background with the YUV color 159.3200, 4.7722, 9.3664.



This preview shows how white text looks on a background with the YUV color 159.3200, 4.7722,



# 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

159.3200, 4.7722, 9.3664

### Protanopia

157.8240, 6.9888, -1.5996

### Deuteranopia

159.0100, 4.9251, 7.0072



## Tritanopia

159.1520, 2.8831, 8.6367

# Trichromacy



## Original Color

159.3200, 4.7722, 9.3664

## Protanomaly

158.6180, 6.1043, 2.0890

## Deuteranomaly

159.3090, 4.7777, 7.6220

## Tritanomaly

159.2660, 3.3199, 8.5367

# Monochromacy



## Original Color

159.3200, 4.7722, 9.3664

## Achromatopsia

159.0000, 0.0000, 0.0000

## Achromatomaly

158.8910, 2.0257, 3.6036

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 159.3200, 4.7722, 9.3664 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(170, 152, 169)` looks like.

```
.text, #text, p{  
    color:rgb(170, 152, 169)  
}
```

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(170, 152, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 152, 169) }
```

## Border

The CSS property to change the border of an element to YUV 159.3200, 4.7722, 9.3664 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(170, 152, 169) }
```



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

```
.border{ border-color:rgb(170, 152, 169) }
```

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

Here you see how a box with a 4 pixel rgb(170, 152, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 152, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 152, 169);  
box-shadow:4px 4px 4px 4px rgb(170, 152,  
169) }
```

# Background

The CSS property to change the background color of an element to YUV 159.3200, 4.7722, 9.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 152, 169) }
```

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

```
.background{ background-color: rgb(170,  
152, 169) }
```

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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