

# Converting Colors

YUV(166.6790, 3.6093, 9.0515)

Have a look what the booklet for  
YUV(166.6790, 3.6093, 9.0515)  
contains.

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# Color

**YUV(166.6790, 3.6093,  
9.0515)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1A0AE
RGB	177, 160, 174
RGB Percent	69%, 63%, 68%
CMY	0.3059, 0.3725, 0.3176
CMYK	0.00, 0.10, 0.02, 0.31
HSL	311°, 10%, 66%
HSV	311°, 10%, 69%
XYZ	38.3422, 37.5447, 45.2704
YIQ	166.6790, 5.6380, 7.9580

# Conversions

## Conversions Part 2

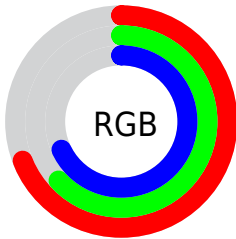
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 160, 174
Decimal	11641006
CIELab	67.68, 8.74, -4.99
CIELCh	68, 10.064, 330.270
Yxy	37.5447, 0.3165, 0.3099
Android (android.graphics.Color)	4289831086 (0xFFB1A0AE)
YUV	166.6790, 3.6093, 9.0515
Hunter-Lab	61.2737, 4.4679, -0.9131

# Details

The YUV color **166.6790, 3.6093, 9.0515** is a light color, and the websafe version is hex **999999**. A complement of this color would be **170.3210, -3.6093, -9.0515**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.9780, 3.4618, 9.6663**, and **114.9670, 3.4673, 7.9219** is the 20% darker color. If you saturate the color by 10%, you get **155.7710, 7.5079, 18.6178**, and if you desaturate by 10%, it is **177.5870, -0.2894, -0.5148**.

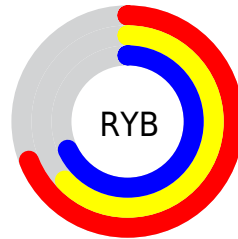
# Distribution



Red (69%)

Green (63%)

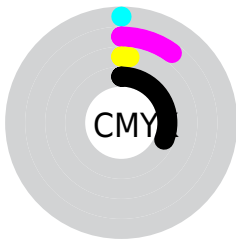
Blue (68%)



Red (69%)

Yellow (63%)

Blue (68%)

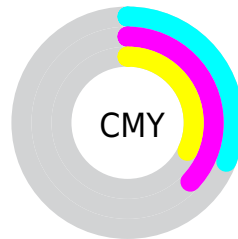


Cyan (0%)

Magenta (10%)

Yellow (2%)

Black (31%)



Cyan (31%)

Magenta (37%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 166.6790, 3.6093, 9.0515 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 166.6790, 3.6093, 9.0515 by changing the saturation by 10% instead.





 166.6790, 3.6093,  
9.0515

 166.6790, 3.6093,  
9.0515


255.0000, 0.0000,  
0.0000

 140.2660, 3.3199,  
8.5367

 221.9780, 3.4618,  
9.6663


 114.9670, 3.4673,  
7.9219

 247.9560, 3.4727,  
6.1776

 89.9670, 3.4673,  
7.9219

 66.5540, 3.1779,  
7.4071

 44.5540, 3.1779,  
7.4071

 23.8420, 3.0359,  
6.2776

 0.2280, 0.8736,

-0.2000

■ 0.0000, 0.0000,  
0.0000

■ 166.6790, 3.6093,  
9.0515

■ 166.6790, 3.6093,  
9.0515

■ 155.7710, 7.5079,  
18.6178

■ 177.5870, -0.2894,  
-0.5148

■ 145.4500, 11.1172,  
27.6694

■ 187.9080, -3.8986,  
-9.5663

■ 134.5420, 15.0158,  
37.2357

■ 198.8160, -7.7973,  
-19.1326

■ 123.6340, 18.9144,  
46.8020

■ 209.7240,  
-11.6959, -28.6989

■ 113.1990, 22.0869,  
55.9535

■ 220.7460,  
-15.1578, -38.3652

■ 102.2910, 25.9855,  
65.5198

■ 224.6100,  
-15.5837, -41.7540

■ 91.3830, 29.8842,  
75.0861

■ 224.9520,  
-14.2733, -42.0539

■ 80.4750, 33.7828,  
84.6524

■ 225.2940,  
-12.9629, -42.3538

■ 70.1540, 37.3921,  
93.7039

■ 225.6360,  
-11.6525, -42.6538

# Harmonies

## Analogous

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



166.1340, 6.8359, 0.7595



166.6790, 3.6093, 9.0515



166.8600, -0.9170, 14.1548

# Triad

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



166.6790, 3.6093, 9.0515



164.4540, -8.6048, 6.6178



162.0840, 5.8746, -17.6137

# Complementary

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



166.6790, 3.6093, 9.0515



170.3210, -3.6093, -9.0515

# 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.



161.9550, 1.5012, -14.8695



166.6790, 3.6093, 9.0515



163.4530, -7.1253, -1.2743

# Square

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



166.6790, 3.6093, 9.0515



165.3130, -8.0423, 12.8805



162.4350, -3.1725, -9.1515



162.7900, 8.4845, -14.7248



# Rectangle

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



166.6790, 3.6093, 9.0515



166.7740, -3.8326, 15.9842



162.4350, -3.1725, -9.1515



161.7420, 4.5642, -17.3137

# Sweetspot

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



166.6790, 3.6093, 9.0515



225.6630, 1.1521, 3.8035



162.8350, 6.9833, 0.1447



111.9510, 1.0102, 2.6740



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.



166.6790, 3.6093, 9.0515



212.9940, 5.9190, 14.9143



165.7670, 0.1149, 9.8513



83.6030, 2.1677, 4.7332



60.1110, 32.4833, 81.4637



10.1680, 5.3402, 13.8847



# Inverse Universe

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



166.6790, 3.6093, 9.0515



212.9940, 5.9190, 14.9143



171.2330, -0.1149, -9.8513



83.6030, 2.1677, 4.7332



60.1110, 32.4833, 81.4637



10.1680, 5.3402, 13.8847



# Previews

## White Background



This preview shows how the YUV color 166.6790, 3.6093, 9.0515 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 166.6790, 3.6093, 9.0515 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

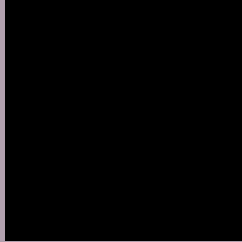
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 166.6790, 3.6093, 9.0515

## Background



This preview shows how black text looks on a background with the YUV color 166.6790, 3.6093, 9.0515.



This preview shows how white text looks on a background with the YUV color 166.6790, 3.6093,



# 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

166.6790, 3.6093, 9.0515

### Protanopia

165.6670, 5.0942, -0.5850

### Deuteranopia

166.6790, 3.6093, 9.0515



## Tritanopia

166.5650, 3.1725, 9.1515

# Trichromacy



## Original Color

166.6790, 3.6093, 9.0515

## Protanomaly

166.1620, 4.3571, 2.4889

## Deuteranomaly

166.6790, 3.6093, 9.0515

## Tritanomaly

166.5650, 3.1725, 9.1515

# Monochromacy



## Original Color

166.6790, 3.6093, 9.0515

## Achromatopsia

167.0000, 0.0000, 0.0000

## Achromatomaly

166.7770, 1.5889, 3.7036

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 166.6790, 3.6093, 9.0515 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(177, 160, 174)` looks like.

```
.text, #text, p{  
    color:rgb(177, 160, 174)  
}
```

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(177, 160, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 160, 174) }
```

## Border

The CSS property to change the border of an element to YUV 166.6790, 3.6093, 9.0515 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(177, 160, 174) }
```



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

```
.border{ border-color:rgb(177, 160, 174) }
```

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

Here you see how a box with a 4 pixel rgb(177, 160, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 160, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 160, 174);  
box-shadow:4px 4px 4px 4px rgb(177, 160,  
174) }
```

# Background

The CSS property to change the background color of an element to YUV 166.6790, 3.6093, 9.0515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 160, 174) }
```

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

```
.background{ background-color: rgb(177,  
160, 174) }
```

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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