

# Converting Colors

YUV(159.2690, -4.5696,  
19.0581)

Have a look what the booklet for  
YUV(159.2690, -4.5696, 19.0581)  
contains.

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# Color

**YUV(159.2690, -4.5696,  
19.0581)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B59696
RGB	181, 150, 150
RGB Percent	71%, 59%, 59%
CMY	0.2902, 0.4118, 0.4118
CMYK	0.00, 0.17, 0.17, 0.29
HSL	0°, 17%, 65%
HSV	0°, 17%, 71%
XYZ	35.4674, 33.8385, 33.5163
YIQ	159.2690, 18.4760, 6.5720

# Conversions

## Conversions Part 2

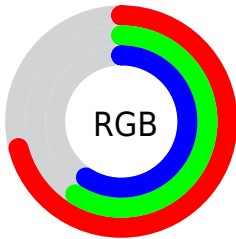
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 150, 150
Decimal	11900566
CIELab	64.83, 11.55, 4.33
CIElCh	65, 12.332, 20.552
Yxy	33.8385, 0.3449, 0.3291
Android (android.graphics.Color)	4290090646 (0xFFB59696)
YUV	159.2690, -4.5696, 19.0581
Hunter-Lab	58.1708, 7.0345, 6.5585

# Details

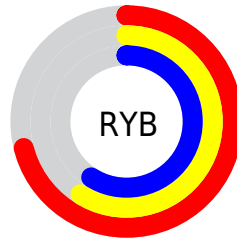
The YUV color  $159.2690, -4.5696, 19.0581$  is a light color, and the websafe version is hex  $CC9999$ . A complement of this color would be  $171.7310, 4.5696, -19.0581$ , and the grayscale version is  $159.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $213.8670, -4.8644, 20.2876$ , and  $107.6710, -4.2748, 17.8285$  is the 20% darker color. If you saturate the color by 10%, you get  $146.6510, -7.2229, 30.1241$ , and if you desaturate by 10%, it is  $171.8870, -1.9163, 7.9921$ .

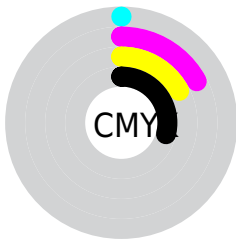
# Distribution



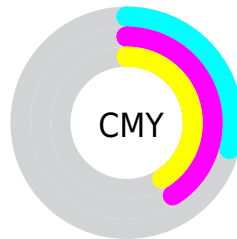
- Red (71%)
- Green (59%)
- Blue (59%)



- Red (71%)
- Yellow (59%)
- Blue (59%)



- Cyan (0%)
- Magenta (17%)
- Yellow (17%)
- Black (29%)



- Cyan (29%)
- Magenta (41%)
- Yellow (41%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 159.2690, -4.5696, 19.0581 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 159.2690, -4.5696, 19.0581 by changing the saturation by 10% instead.




 159.2690, -4.5696,  
19.0581

 159.2690, -4.5696,  
19.0581


255.0000, 0.0000,  
0.0000


 132.9700, -4.4222,  
18.4433


 213.8670, -4.8644,  
20.2876


 107.6710, -4.2748,  
17.8285

 238.8770, -3.3904,  
14.1399

 83.0730, -3.9800,  
16.5990

 59.8880, -3.3958,  
15.8842

 37.9910, -2.9536,  
14.0399

 15.7740, -3.8326,  
15.9842

 0.0000, 0.0000,

0.0000

159.2690, -4.5696,  
19.0581

159.2690, -4.5696,  
19.0581

146.6510, -7.2229,  
30.1241

171.8870, -1.9163,  
7.9921

134.0330, -9.8763,  
41.1901

184.5050, 0.7370,  
-3.0739

121.4150,  
-12.5296, 52.2560

197.1230, 3.3904,  
-14.1399

108.7970,  
-15.1829, 63.3220

209.7410, 6.0437,  
-25.2059

96.1790, -17.8362,  
74.3880

223.0600, 8.8444,  
-36.8866

82.8600, -20.6370,  
86.0688

232.8740, 10.9081,  
-45.4935

■ 70.2420, -23.2903,  
97.1348

■ 57.6240, -25.9436,  
108.2008

■ 54.1190, -26.6807,  
111.2746

# Harmonies

## Analogous

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



159.6260, 0.6774, 16.1140



159.2690, -4.5696, 19.0581



158.5200, -8.6374, 17.0840

# Triad

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



159.2690, -4.5696, 19.0581



154.7510, -5.7932, -8.5516



155.8980, 11.3893, -13.0655

# Complementary

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



159.2690, -4.5696, 19.0581



171.7310, 4.5696, -19.0581

# 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.



154.3980, 9.6638, -19.6430



159.2690, -4.5696, 19.0581



154.0750, -0.5300, -16.7288

# Square

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



159.2690, -4.5696, 19.0581



156.1930, -9.4621, 1.5847



153.6490, 5.5960, -21.6172



158.2090, 9.7570, -2.8143



# Rectangle

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



159.2690, -4.5696, 19.0581



157.7430, -10.2263, 13.3804



153.6490, 5.5960, -21.6172



155.1750, 11.2527, -15.9395

# Sweetspot

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



159.2690, -4.5696, 19.0581



226.5880, -1.7689, 7.3773



162.8030, 8.9711, 15.9588



112.0930, -1.0318, 4.3034



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000



# Same Dimension

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



159.2690, -4.5696, 19.0581



199.9500, -7.3704, 30.7388



168.6610, -9.1999, 10.8213



82.6910, -1.3267, 5.5330



45.7470, -22.5533, 94.0609



7.7740, -3.8326, 15.9842



# Inverse Universe

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



171.7310, 4.5696, -19.0581



220.0500, 7.3704, -30.7388



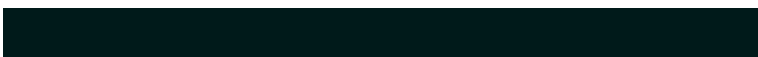
162.9260, 8.9105, -11.3361



86.3090, 1.3267, -5.5330



107.2530, 22.5533, -94.0609



18.2260, 3.8326, -15.9842



# Previews

## White Background



This preview shows how the YUV color 159.2690, -4.5696, 19.0581 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 159.2690, -4.5696, 19.0581 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

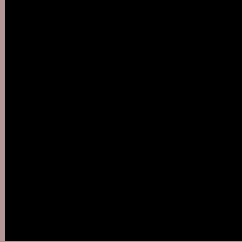
Any Text WCAG AA ✓ Pass

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 159.2690, -4.5696, 19.0581 Background



This preview shows how black text looks on a background with the YUV color 159.2690, -4.5696, 19.0581.



This preview shows how white text looks on a background with the YUV color 159.2690, -4.5696,



# 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

159.2690, -4.5696, 19.0581

### Protanopia

157.8540, -1.9000, 2.7590

### Deuteranopia

158.9480, -4.4114, 14.9546



## Tritanopia

159.5340, 0.2297, 19.7027

# Trichromacy



## Original Color

159.2690, -4.5696, 19.0581

## Protanomaly

158.0720, -2.5005, 8.7069

## Deuteranomaly

158.9590, -4.4168, 16.6990

## Tritanomaly

159.6650, -1.8068, 19.5878

# Monochromacy



## Original Color

159.2690, -4.5696, 19.0581

## Achromatopsia

159.0000, 0.0000, 0.0000

## Achromatomaly

159.2890, -1.6215, 6.7625

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 159.2690, -4.5696, 19.0581 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(181, 150, 150)` looks like.

```
.text, #text, p{  
    color:rgb(181, 150, 150)  
}
```

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(181, 150, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 150, 150) }
```

## Border

The CSS property to change the border of an element to YUV 159.2690, -4.5696, 19.0581 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(181, 150, 150) }
```



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

```
.border{ border-color:rgb(181, 150, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 150, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 150, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 150, 150);  
box-shadow:4px 4px 4px 4px rgb(181, 150,  
150) }
```

# Background

The CSS property to change the background color of an element to YUV 159.2690, -4.5696, 19.0581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 150, 150) }
```

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

```
.background{ background-color: rgb(181,  
150, 150) }
```

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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