

# Converting Colors

YUV(82.6310, 3.1399, 19.6176)

Have a look what the booklet for  
YUV(82.6310, 3.1399, 19.6176)  
contains.

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# Color

**YUV(82.6310, 3.1399,  
19.6176)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	694659
RGB	105, 70, 89
RGB Percent	41%, 27%, 35%
CMY	0.5882, 0.7255, 0.6510
CMYK	0.00, 0.33, 0.15, 0.59
HSL	327°, 20%, 34%
HSV	327°, 33%, 41%
XYZ	9.8190, 8.1048, 10.4981
YIQ	82.6310, 14.7610, 13.3290

# Conversions

## Conversions Part 2

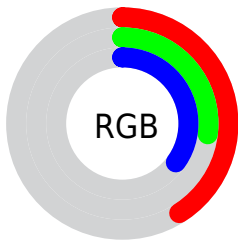
<b>Format</b>	<b>Color</b>
<b>RYB</b>	105, 70, 89
Decimal	6899289
CIELab	34.20, 18.23, -5.16
CIElCh	34, 18.945, 344.204
Yxy	8.1048, 0.3455, 0.2852
Android (android.graphics.Color)	4285089369 (0xFF694659)
YUV	82.6310, 3.1399, 19.6176
Hunter-Lab	28.4690, 11.7443, -1.9351

# Details

The YUV color **82.6310, 3.1399, 19.6176** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **92.3690, -3.1399, -19.6176**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.6420, 3.1345, 21.3620**, and **37.3210, 3.2927, 17.2585** is the 20% darker color. If you saturate the color by 10%, you get **75.6040, 4.1392, 25.7803**, and if you desaturate by 10%, it is **89.6580, 2.1406, 13.4549**.

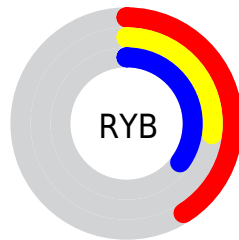
# Distribution



Red (41%)

Green (27%)

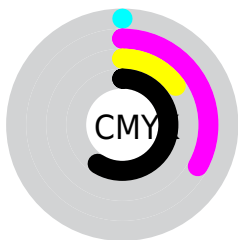
Blue (35%)



Red (41%)

Yellow (27%)

Blue (35%)

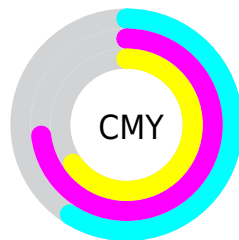


Cyan (0%)

Magenta (33%)

Yellow (15%)

Black (59%)



Cyan (59%)

Magenta (73%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 82.6310, 3.1399, 19.6176 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 82.6310, 3.1399, 19.6176 by changing the saturation by 10% instead.



■ 82.6310, 3.1399,  
19.6176

■ 82.6310, 3.1399,  
19.6176

■ 255.0000, 0.0000,  
0.0000

■ 59.0330, 3.4347,  
18.3881

■ 132.6420, 3.1345,  
21.3620

■ 37.3210, 3.2927,  
17.2585

■ 158.9410, 2.9871,  
21.9767

■ 14.5600, 4.1609,  
18.8029

■ 185.6530, 3.1291,  
23.1063

■ 0.0000, 0.0000,  
0.0000

■ 213.6530, 3.1291,  
23.1063

■ 237.8800, 5.4822,  
15.0142

82.6310, 3.1399,  
19.6176

82.6310, 3.1399,  
19.6176

75.6040, 4.1392,  
25.7803

89.6580, 2.1406,  
13.4549

69.1640, 4.8491,  
31.4282

96.0980, 1.4307,  
7.8071

62.8380, 5.9959,  
36.9761

103.0110, -0.0054,  
1.7444

55.8110, 6.9952,  
43.1388

109.4510, -0.7153,  
-3.9035

49.3710, 7.7051,  
48.7866

116.4780, -1.7147,  
-10.0662

42.3440, 8.7044,  
54.9493

122.9180, -2.4246,  
-15.7141

37.8930, 9.4198,  
58.8528

129.9450, -3.4239,  
-21.8768

136.2710, -4.5706,

-27.4247

■ 143.2980, -5.5699,  
-33.5873

# Harmonies

## Analogous

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



82.2750, 9.7244, 7.6518



82.6310, 3.1399, 19.6176



81.8290, -3.8597, 24.7060

# Triad

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



82.6310, 3.1399, 19.6176



79.0640, -13.8356, 4.3289



71.8520, 14.3700, -35.8272

# Complementary

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



82.6310, 3.1399, 19.6176



92.3690, -3.1399, -19.6176

# 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.



72.0280, 7.3812, -34.2276



82.6310, 3.1399, 19.6176



77.1270, -9.4296, -8.8814

# Square

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



82.6310, 3.1399, 19.6176



80.4290, -14.0155, 15.4098



74.5150, -1.2399, -22.3767



76.0860, 16.2266, -24.6314



# Rectangle

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



82.6310, 3.1399, 19.6176



81.5640, -8.6591, 24.0614



74.5150, -1.2399, -22.3767



71.3850, 12.6282, -37.1716

# Sweetspot

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



82.6310, 3.1399, 19.6176



128.9840, 0.9939, 7.9070



78.7740, 12.9294, 6.3372



63.8480, 0.5679, 4.5183



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000



# Same Dimension

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



82.6310, 3.1399, 19.6176



102.8650, 4.9966, 30.8134



80.6930, -4.2856, 21.3172



50.1360, 0.4260, 3.3887



42.2790, 10.7085, 65.5303



88.4170, 21.9794, 137.3233



# Inverse Universe

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



82.6310, 3.1399, 19.6176



102.8650, 4.9966, 30.8134



94.3070, 4.2856, -21.3172



50.1360, 0.4260, 3.3887



42.2790, 10.7085, 65.5303

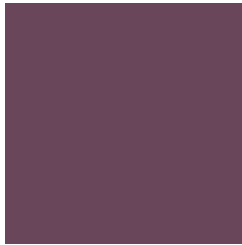


88.4170, 21.9794, 137.3233



# Previews

## White Background



This preview shows how the YUV color 82.6310, 3.1399, 19.6176 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

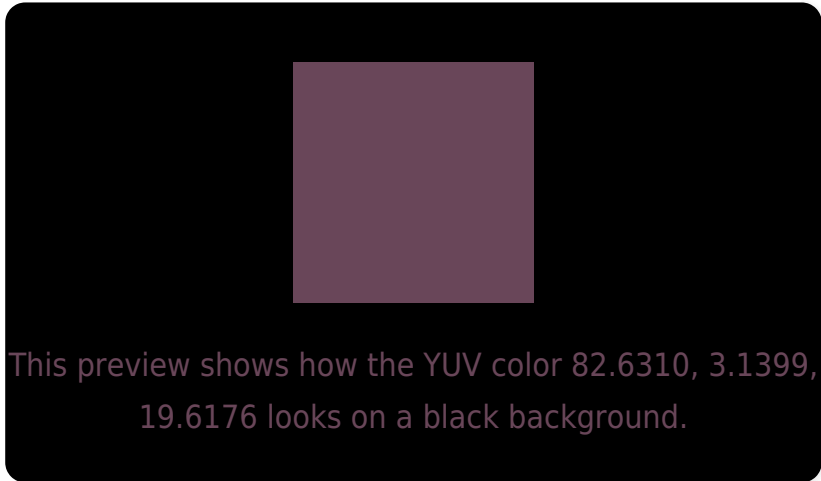
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

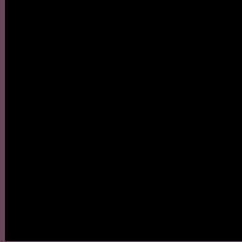
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 82.6310, 3.1399, 19.6176**

## **Background**



This preview shows how black text looks on a background with the YUV color 82.6310, 3.1399, 19.6176.



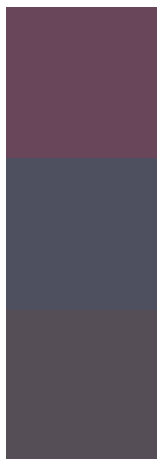
This preview shows how white text looks on a background with the YUV color 82.6310, 3.1399,



# 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

82.6310, 3.1399, 19.6176

### Protanopia

81.2260, 7.2836, -2.8292

### Deuteranopia

81.1190, 2.8993, 3.4036



## Tritanopia

82.2520, -2.0962, 19.0730

# Trichromacy



## Original Color

82.6310, 3.1399, 19.6176

## Protanomaly

81.5260, 5.6567, 5.6777

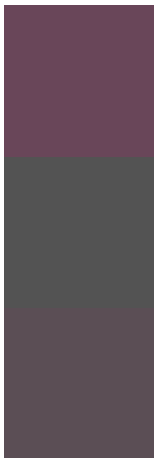
## Deuteranomaly

81.5650, 3.1725, 9.1515

## Tritanomaly

82.1210, -0.0597, 19.1879

# Monochromacy



## Original Color

82.6310, 3.1399, 19.6176

## Achromatopsia

83.0000, 0.0000, 0.0000

## Achromatomaly

82.6850, 1.1413, 7.2923

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 82.6310, 3.1399, 19.6176 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(105, 70, 89)` looks like.

```
.text, #text, p{  
    color:rgb(105, 70, 89)  
}
```

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(105, 70, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 70, 89) }
```

## Border

The CSS property to change the border of an element to YUV 82.6310, 3.1399, 19.6176 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(105, 70, 89) }
```



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

```
.border{ border-color:rgb(105, 70, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 70, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 70, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 70, 89);  
box-shadow:4px 4px 4px 4px rgb(105, 70,  
89) }
```

# Background

The CSS property to change the background color of an element to YUV 82.6310, 3.1399, 19.6176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 70, 89) }
```

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

```
.background{ background-color: rgb(105, 70,  
89) }
```

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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