

Converting Colors

YUV(83.6310, 3.1399, 19.6176)

Have a look what the booklet for
YUV(83.6310, 3.1399, 19.6176)
contains.

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Color

**YUV(83.6310, 3.1399,
19.6176)**

Conversions

Conversions Part 1

Format	Color
Hex	6A475A
RGB	106, 71, 90
RGB Percent	42%, 28%, 35%
CMY	0.5843, 0.7216, 0.6471
CMYK	0.00, 0.33, 0.15, 0.58
HSL	327°, 20%, 35%
HSV	327°, 33%, 42%
XYZ	10.0426, 8.3088, 10.7473
YIQ	83.6310, 14.7610, 13.3290

Conversions

Conversions Part 2

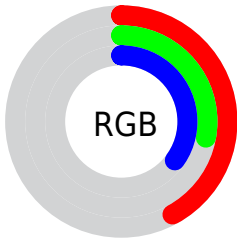
Format	Color
R_{YB}	106, 71, 90
Decimal	6965082
CIE Lab	34.62, 18.20, -5.16
CIE LCh	35, 18.913, 344.177
Yxy	8.3088, 0.3451, 0.2855
Android (android.graphics.Color)	4285155162 (0xFF6A475A)
YUV	83.6310, 3.1399, 19.6176
Hunter-Lab	28.8250, 11.7450, -1.9285

Details

The YUV color **83.6310, 3.1399, 19.6176** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **93.3690, -3.1399, -19.6176**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.6420, 3.1345, 21.3620**, and **38.2070, 2.8559, 17.3585** is the 20% darker color. If you saturate the color by 10%, you get **76.6040, 4.1392, 25.7803**, and if you desaturate by 10%, it is **90.6580, 2.1406, 13.4549**.

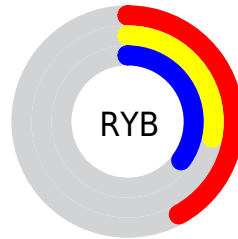
Distribution



Red (42%)

Green (28%)

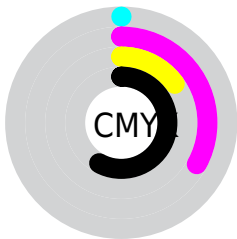
Blue (35%)



Red (42%)

Yellow (28%)

Blue (35%)

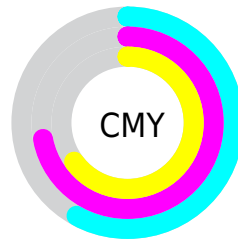


Cyan (0%)

Magenta (33%)

Yellow (15%)

Black (58%)



Cyan (58%)

Magenta (72%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.6310, 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 83.6310, 3.1399, 19.6176 by changing the saturation by 10% instead.

■ 83.6310, 3.1399,
19.6176

■ 83.6310, 3.1399,
19.6176

■ 255.0000, 0.0000,
0.0000

■ 60.0330, 3.4347,
18.3881

■ 133.6420, 3.1345,
21.3620

■ 38.2070, 2.8559,
17.3585

■ 159.9410, 2.9871,
21.9767

■ 15.2610, 4.3083,
18.1881

■ 186.7670, 3.5659,
23.0063

■ 0.0000, 0.0000,
0.0000

■ 214.9520, 2.9817,
23.7211

■ 238.5810, 5.6296,
14.3995

■ 83.6310, 3.1399,
19.6176

■ 83.6310, 3.1399,
19.6176

■ 76.6040, 4.1392,
25.7803

■ 90.6580, 2.1406,
13.4549

■ 70.1640, 4.8491,
31.4282

■ 97.0980, 1.4307,
7.8071

■ 63.1370, 5.8485,
37.5909

■ 104.1250, 0.4314,
1.6444

■ 56.8110, 6.9952,
43.1388

■ 110.4510, -0.7153,
-3.9035

■ 49.7840, 7.9945,
49.3014

■ 117.4780, -1.7147,
-10.0662

■ 42.7570, 8.9938,
55.4641

■ 124.5050, -2.7140,
-16.2289

■ 38.3060, 9.7091,
59.3676

■ 130.9450, -3.4239,
-21.8768

■ 137.9720, -4.4232,

-28.0394

■ 144.4120, -5.1331,
-33.6873

Harmonies

Analogous

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



83.2750, 9.7244, 7.6518



83.6310, 3.1399, 19.6176



82.8290, -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.



83.6310, 3.1399, 19.6176



80.0640, -13.8356, 4.3289



72.8520, 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.



83.6310, 3.1399, 19.6176



93.3690, -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.



73.0280, 7.3812, -34.2276



83.6310, 3.1399, 19.6176



78.1270, -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.



83.6310, 3.1399, 19.6176



81.4290, -14.0155, 15.4098



75.5150, -1.2399, -22.3767



77.0860, 16.2266, -24.6314

Rectangle

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



83.6310, 3.1399, 19.6176



82.5640, -8.6591, 24.0614



75.5150, -1.2399, -22.3767



72.3850, 12.6282, -37.1716

Sweetspot

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



83.6310, 3.1399, 19.6176



128.9840, 0.9939, 7.9070



79.7740, 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.



83.6310, 3.1399, 19.6176



102.8650, 4.9966, 30.8134



81.6930, -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.



83.6310, 3.1399, 19.6176



102.8650, 4.9966, 30.8134



95.3070, 4.2856, -21.3172



50.1360, 0.4260, 3.3887



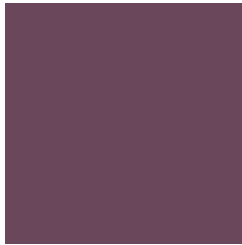
42.2790, 10.7085, 65.5303



88.4170, 21.9794, 137.3233

Previews

White Background



This preview shows how the YUV color 83.6310, 3.1399, 19.6176 looks on a white background.

Color Contrast Check

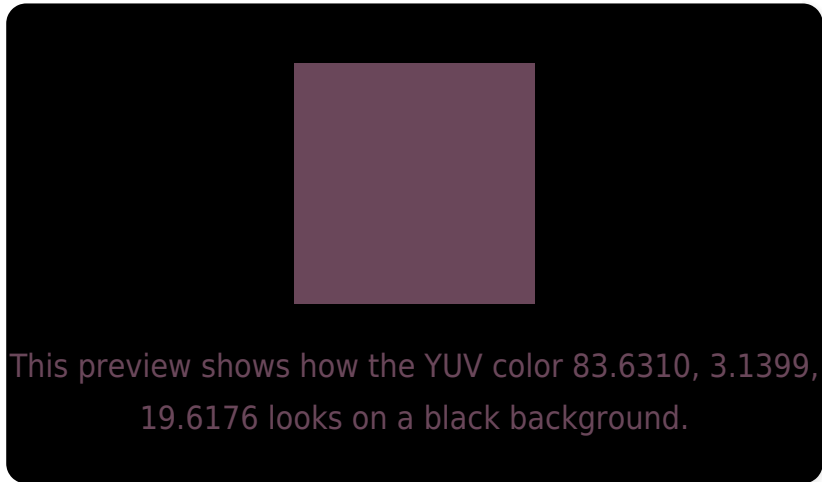
Large Text (above 18pt) WCAG AA ✓ Pass

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

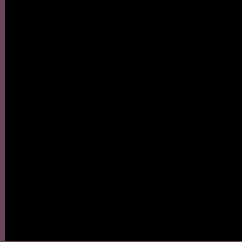
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.6310, 3.1399, 19.6176

Background



This preview shows how black text looks on a background with the YUV color 83.6310, 3.1399, 19.6176.



This preview shows how white text looks on a background with the YUV color 83.6310, 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

83.6310, 3.1399, 19.6176

Protanopia

82.1120, 6.8468, -2.7292

Deuteranopia

82.4180, 2.7519, 4.0184



Tritanopia

83.2520, -2.0962, 19.0730

Trichromacy



Original Color

83.6310, 3.1399, 19.6176

Protanomaly

82.5260, 5.6567, 5.6777

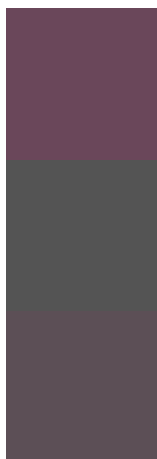
Deuteranomaly

82.8640, 3.0250, 9.7663

Tritanomaly

83.1210, -0.0597, 19.1879

Monochromacy



Original Color

83.6310, 3.1399, 19.6176

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.6850, 1.1413, 7.2923

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.6310, 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(106, 71, 90)` looks like.

```
.text, #text, p{  
    color:rgb(106, 71, 90)  
}
```

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(106, 71, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 71, 90) }
```

Border

The CSS property to change the border of an element to YUV 83.6310, 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(106, 71, 90) }
```


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

```
.border{ border-color:rgb(106, 71, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 71, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 71, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 71, 90);  
box-shadow:4px 4px 4px 4px rgb(106, 71,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 83.6310, 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(106, 71, 90) }
```

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

```
.background{ background-color: rgb(106, 71,  
90) }
```

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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