

Converting Colors

YUV(83.8310, 9.9433, 30.8432)

Have a look what the booklet for
YUV(83.8310, 9.9433, 30.8432)
contains.

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Color

**YUV(83.8310, 9.9433,
30.8432)**

Conversions

Conversions Part 1

Format	Color
Hex	773E68
RGB	119, 62, 104
RGB Percent	47%, 24%, 41%
CMY	0.5333, 0.7569, 0.5922
CMYK	0.00, 0.48, 0.13, 0.53
HSL	316°, 31%, 35%
HSV	316°, 48%, 47%
XYZ	11.8291, 8.3667, 14.0882
YIQ	83.8310, 20.4900, 25.1460

Conversions

Conversions Part 2

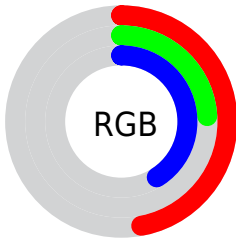
Format	Color
R_{YB}	119, 62, 104
Decimal	7814760
CIE Lab	34.74, 30.95, -13.68
CIE LCh	35, 33.840, 336.151
Yxy	8.3667, 0.3450, 0.2440
Android (android.graphics.Color)	4286004840 (0xFF773E68)
YUV	83.8310, 9.9433, 30.8432
Hunter-Lab	28.9252, 22.3792, -8.6299

Details

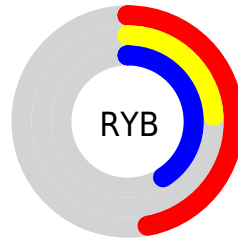
The YUV color **83.8310, 9.9433, 30.8432** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **97.1690, -9.9433, -30.8432**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.5540, 10.0799, 33.7171**, and **35.3470, 10.6749, 29.5137** is the 20% darker color. If you saturate the color by 10%, you get **76.4450, 12.1056, 37.3207**, and if you desaturate by 10%, it is **91.2170, 7.7810, 24.3657**.

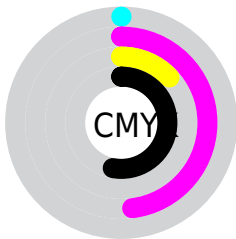
Distribution



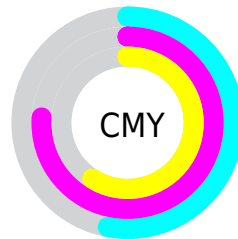
- Red (47%)
- Green (24%)
- Blue (41%)



- Red (47%)
- Yellow (24%)
- Blue (41%)



- Cyan (0%)
- Magenta (48%)
- Yellow (13%)
- Black (53%)



- Cyan (53%)
- Magenta (76%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.8310, 9.9433, 30.8432 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 83.8310, 9.9433, 30.8432 by changing the saturation by 10% instead.

83.8310, 9.9433,
30.8432

83.8310, 9.9433,
30.8432

255.0000, 0.0000,
0.0000

59.2330, 10.2381,
29.6137

134.5540, 10.0799,
33.7171

35.3470, 10.6749,
29.5137

160.9670, 10.3693,
34.2319

17.4450, 8.6546,
24.1657

188.6790, 10.5113,
35.3615

5.8530, 3.0305,
8.0219

216.0810, 10.8061,
34.1320

0.0000, 0.0000,
0.0000

234.4550, 10.1287,
18.0180

250.8910, 2.0257,

3.6036

■ 83.8310, 9.9433,
30.8432

■ 83.8310, 9.9433,
30.8432

■ 76.4450, 12.1056,
37.3207

■ 91.2170, 7.7810,
24.3657

■ 69.0590, 14.2679,
43.7983

■ 98.6030, 5.6187,
17.8882

■ 61.6730, 16.4302,
50.2758

■ 105.9890, 3.4564,
11.4106

■ 54.1730, 18.1557,
56.8533

■ 113.4890, 1.7309,
4.8331

■ 47.3740, 20.0286,
62.8160

■ 120.2880, -0.1420,
-1.1296

■ 45.6130, 20.8968,
64.3604

■ 127.6740, -2.3043,
-7.6071

■ 135.0600, -4.4666,
-14.0846

■ 142.4460, -6.6289,
-20.5621

■ 149.8320, -8.7912,
-27.0397

Harmonies

Analogous

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



83.7230, 20.3496, 6.3819



83.8310, 9.9433, 30.8432



81.9930, -2.4615, 42.9791

Triad

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



83.8310, 9.9433, 30.8432



78.4920, -26.3716, 11.8465



68.0600, 22.1554, -59.6886

Complementary

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



83.8310, 9.9433, 30.8432



97.1690, -9.9433, -30.8432

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.



65.6830, 10.5093, -57.6040



83.8310, 9.9433, 30.8432



75.1840, -19.3177, -10.6854

Square

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



83.8310, 9.9433, 30.8432



79.9980, -23.6630, 29.8198



67.2970, -4.0904, -41.4795



67.7640, 31.1753, -59.4290

Rectangle

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



83.8310, 9.9433, 30.8432



81.1150, -10.9027, 43.7491



67.2970, -4.0904, -41.4795



67.7350, 18.3716, -59.4036

Sweetspot

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



83.8310, 9.9433, 30.8432



142.4020, 3.7458, 11.9254



72.6840, 22.8338, 2.9081



71.0270, 2.4517, 6.9923



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



83.8310, 9.9433, 30.8432



101.0210, 15.2726, 48.2166



80.6390, -2.2870, 33.6426



55.2500, 0.8628, 3.2888



46.7380, 21.3282, 66.0048



95.7260, 43.5191, 135.2983

Inverse Universe

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



83.8310, 9.9433, 30.8432



101.0210, 15.2726, 48.2166



100.3610, 2.2870, -33.6426



55.2500, 0.8628, 3.2888



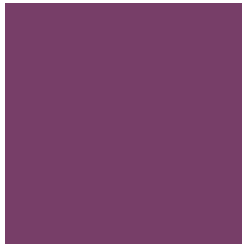
46.7380, 21.3282, 66.0048



95.7260, 43.5191, 135.2983

Previews

White Background



This preview shows how the YUV color 83.8310, 9.9433, 30.8432 looks on a white background.

Color Contrast Check

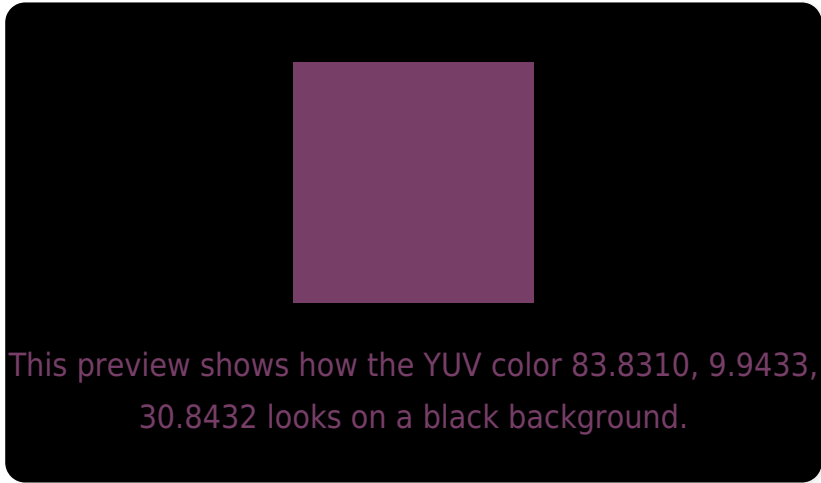
Large Text (above 18pt) WCAG AA ✓ Pass

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

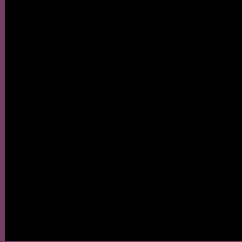
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.8310, 9.9433, 30.8432

Background



This preview shows how black text looks on a background with the YUV color 83.8310, 9.9433, 30.8432.



This preview shows how white text looks on a background with the YUV color 83.8310, 9.9433,

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

83.8310, 9.9433, 30.8432

Protanopia

81.9290, 17.7830, -10.4617

Deuteranopia

82.6930, 9.0254, -1.4848



Tritanopia

83.6230, -4.7441, 28.3946

Trichromacy



Original Color

83.8310, 9.9433, 30.8432

Protanomaly

82.6320, 14.9714, 4.7077

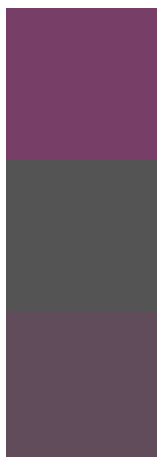
Deuteranomaly

82.8840, 9.4242, 10.6257

Tritanomaly

83.4150, 0.7814, 29.4540

Monochromacy



Original Color

83.8310, 9.9433, 30.8432

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.9890, 3.4564, 11.4106

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.8310, 9.9433, 30.8432 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(119, 62, 104)` looks like.

```
.text, #text, p{  
    color:rgb(119, 62, 104)  
}
```

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(119, 62, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 62, 104) }
```

Border

The CSS property to change the border of an element to YUV 83.8310, 9.9433, 30.8432 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(119, 62, 104) }
```


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

```
.border{ border-color:rgb(119, 62, 104) }
```

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

Here you see how a box with a 4 pixel rgb(119, 62, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 62, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 62, 104);  
box-shadow:4px 4px 4px 4px rgb(119, 62,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 83.8310, 9.9433, 30.8432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 62, 104) }
```

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

```
.background{ background-color: rgb(119, 62,  
104) }
```

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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