

Converting Colors

YUV(83.1930, 17.6529, 31.4027)

Have a look what the booklet for
YUV(83.1930, 17.6529, 31.4027)
contains.

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Color

**YUV(83.1930, 17.6529,
31.4027)**

Conversions

Conversions Part 1

Format	Color
Hex	773A77
RGB	119, 58, 119
RGB Percent	47%, 23%, 47%
CMY	0.5333, 0.7725, 0.5333
CMYK	0.00, 0.51, 0.00, 0.53
HSL	300°, 34%, 35%
HSV	300°, 51%, 47%
XYZ	12.4506, 8.2800, 18.3947
YIQ	83.1930, 16.7750, 31.9030

Conversions

Conversions Part 2

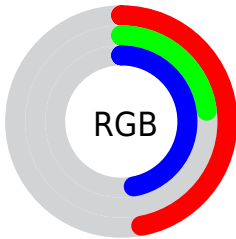
Format	Color
R_{YB}	119, 58, 119
Decimal	7813751
CIE _{Lab}	34.56, 36.01, -23.39
CIE _{LCh}	35, 42.937, 326.990
Yxy	8.2800, 0.3182, 0.2116
Android (android.graphics.Color)	4286003831 (0xFF773A77)
YUV	83.1930, 17.6529, 31.4027
Hunter-Lab	28.7749, 26.8788, -17.7595

Details

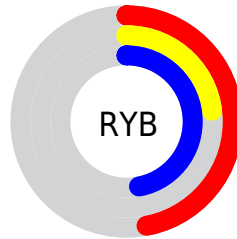
The YUV color **83.1930, 17.6529, 31.4027** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **93.8070, -17.6529, -31.4027**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.6170, 17.9368, 33.6619**, and **32.4210, 18.5264, 31.2028** is the 20% darker color. If you saturate the color by 10%, you get **76.1490, 21.1255, 37.5803**, and if you desaturate by 10%, it is **90.2370, 14.1802, 25.2252**.

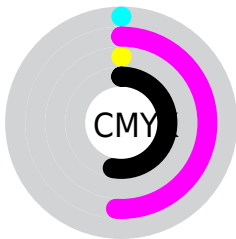
Distribution



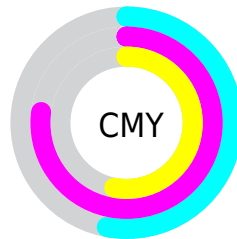
- Red (47%)
- Green (23%)
- Blue (47%)



- Red (47%)
- Yellow (23%)
- Blue (47%)



- Cyan (0%)
- Magenta (51%)
- Yellow (0%)
- Black (53%)



- Cyan (53%)
- Magenta (77%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.1930, 17.6529, 31.4027 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 83.1930, 17.6529, 31.4027 by changing the saturation by 10% instead.

83.1930, 17.6529,
31.4027

83.1930, 17.6529,
31.4027

255.0000, 0.0000,
0.0000

58.4810, 17.5109,
30.2732

134.6170, 17.9368,
33.6619

32.4210, 18.5264,
31.2028

161.4430, 18.5156,
34.6915

18.9270, 14.3330,
22.8660

188.8560, 18.8050,
35.2063

7.7480, 8.9982,
7.2370

215.6710, 19.3892,
34.4915

0.0000, 0.0000,
0.0000

232.1070, 11.2862,
20.0772

249.1300, 2.8939,

5.1480

■ 83.1930, 17.6529,
31.4027

■ 83.1930, 17.6529,
31.4027

■ 76.1490, 21.1255,
37.5803

■ 90.2370, 14.1802,
25.2252

■ 69.1050, 24.5982,
43.7579

■ 97.2810, 10.7075,
19.0476

■ 62.0610, 28.0709,
49.9355

■ 104.3250, 7.2348,
12.8700

■ 55.0170, 31.5436,
56.1131

■ 111.3690, 3.7621,
6.6924

■ 49.1470, 34.4375,
61.2611

■ 117.8260, 0.5788,
1.0296

■ 124.8700, -2.8939,
-5.1480

■ 131.9140, -6.3666,
-11.3256

■ 138.9580, -9.8393,
-17.5032

■ 146.0020,
-13.3120, -23.6808

Harmonies

Analogous

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



81.8660, 30.1391, -6.8985



83.1930, 17.6529, 31.4027



79.2530, 3.3263, 53.2751

Triad

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



83.1930, 17.6529, 31.4027



75.9850, -37.4606, 21.9382



69.5930, 20.4137, -61.0331

Complementary

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



83.1930, 17.6529, 31.4027



93.8070, -17.6529, -31.4027

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.



65.7170, 5.5625, -57.6338



83.1930, 17.6529, 31.4027



73.2420, -30.6853, -4.5972

Square

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



83.1930, 17.6529, 31.4027



78.4510, -27.3373, 41.7005



63.2550, -10.4787, -45.8276



70.9100, 33.0754, -62.1881

Rectangle

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



83.1930, 17.6529, 31.4027



77.8160, -7.3043, 56.2894



63.2550, -10.4787, -45.8276



68.3390, 15.6089, -59.9333

Sweetspot

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



83.1930, 17.6529, 31.4027



141.9120, 6.9454, 12.3552



64.9540, 26.6447, -6.0987



70.7820, 4.0515, 7.2072



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.



83.1930, 17.6529, 31.4027



99.0610, 28.0709, 49.9355



79.7730, 4.5489, 34.4021



55.4780, 1.7363, 3.0888



50.3860, 35.3057, 62.8055



103.2500, 72.3478, 128.6997

Inverse Universe

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



83.1930, 17.6529, 31.4027



99.0610, 28.0709, 49.9355



97.3410, -4.1121, -34.5021



55.4780, 1.7363, 3.0888



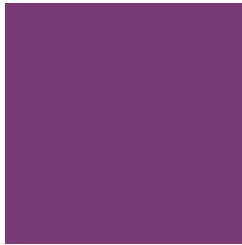
50.3860, 35.3057, 62.8055



103.2500, 72.3478, 128.6997

Previews

White Background



This preview shows how the YUV color 83.1930, 17.6529, 31.4027 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

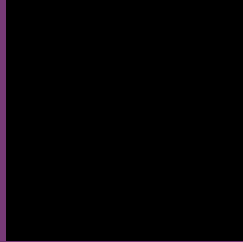
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.1930, 17.6529, 31.4027

Background



This preview shows how black text looks on a background with the YUV color 83.1930, 17.6529, 31.4027.



This preview shows how white text looks on a background with the YUV color 83.1930, 17.6529,

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

83.1930, 17.6529, 31.4027

Protanopia

80.0340, 28.5772, -19.3238

Deuteranopia

81.5870, 16.4726, -10.1618



Tritanopia

83.0250, -4.4493, 27.1651

Trichromacy



Original Color

83.1930, 17.6529, 31.4027

Protanomaly

81.1180, 24.5918, -0.9805

Deuteranomaly

82.3870, 16.5712, 4.9226

Tritanomaly

83.0990, 3.4022, 28.8542

Monochromacy



Original Color

83.1930, 17.6529, 31.4027

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.0860, 6.3666, 11.3256

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.1930, 17.6529, 31.4027 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, 58, 119)` looks like.

```
.text, #text, p{  
    color:rgb(119, 58, 119)  
}
```

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, 58, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 58, 119) }
```

Border

The CSS property to change the border of an element to YUV 83.1930, 17.6529, 31.4027 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, 58, 119) }
```


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

```
.border{ border-color:rgb(119, 58, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 58, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 58, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 58, 119);  
box-shadow:4px 4px 4px 4px rgb(119, 58,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 83.1930, 17.6529, 31.4027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 58, 119) }
```

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

```
.background{ background-color: rgb(119, 58,  
119) }
```

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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