

Converting Colors

YUV(83.6570, 30.7351, 35.3808)

Have a look what the booklet for
YUV(83.6570, 30.7351, 35.3808)
contains.

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Color

**YUV(83.6570, 30.7351,
35.3808)**

Conversions

Conversions Part 1

Format	Color
Hex	7C3392
RGB	124, 51, 146
RGB Percent	49%, 20%, 57%
CMY	0.5137, 0.8000, 0.4275
CMYK	0.15, 0.65, 0.00, 0.43
HSL	286°, 48%, 39%
HSV	286°, 65%, 57%
XYZ	14.6843, 8.7281, 28.1049
YIQ	83.6570, 13.0130, 45.0210

Conversions

Conversions Part 2

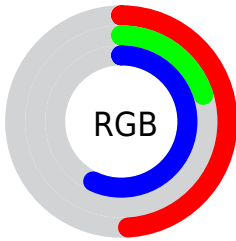
Format	Color
R_{YB}	124, 51, 146
Decimal	8139666
CIE _{Lab}	35.46, 46.50, -38.63
CIE _{LCh}	35, 60.451, 320.286
Yxy	8.7281, 0.2850, 0.1694
Android (android.graphics.Color)	4286329746 (0xFF7C3392)
YUV	83.6570, 30.7351, 35.3808
Hunter-Lab	29.5433, 37.0216, -35.7229

Details

The YUV color **83.6570, 30.7351, 35.3808** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **113.3430, -30.7351, -35.3808**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.3090, 31.8927, 37.4400**, and **32.0590, 31.0299, 34.1513** is the 20% darker color. If you saturate the color by 10%, you get **73.9550, 35.5182, 41.2585**, and if you desaturate by 10%, it is **93.3590, 25.9520, 29.5032**.

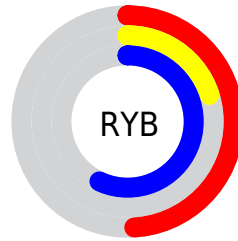
Distribution



Red (49%)

Green (20%)

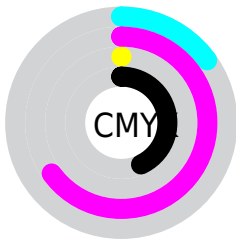
Blue (57%)



Red (49%)

Yellow (20%)

Blue (57%)

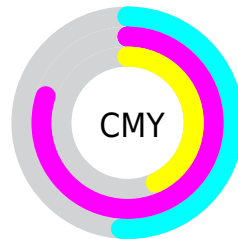


Cyan (15%)

Magenta (65%)

Yellow (0%)

Black (43%)



Cyan (51%)

Magenta (80%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.6570, 30.7351, 35.3808 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 83.6570, 30.7351, 35.3808 by changing the saturation by 10% instead.

83.6570, 30.7351,
35.3808

83.6570, 30.7351,
35.3808

255.0000, 0.0000,
0.0000

56.7710, 31.1719,
35.2808

136.3090, 31.8927,
37.4400

32.0590, 31.0299,
34.1513

163.7220, 32.1821,
37.9548

21.7340, 23.7951,
21.2813

191.2060, 31.4504,
39.2843

11.9360, 17.2866,
8.8261

212.7360, 20.8362,
37.0655

3.4370, 10.6306,
-3.0142

229.7590, 12.4438,
22.1364

0.0000, 0.0000,
0.0000

246.1950, 4.3409,

7.7220

■ 83.6570, 30.7351,
35.3808

■ 83.6570, 30.7351,
35.3808

■ 73.9550, 35.5182,
41.2585

■ 93.3590, 25.9520,
29.5032

■ 64.5410, 40.1593,
46.0065

■ 102.7730, 21.3109,
24.7551

■ 54.8390, 44.9424,
51.8842

■ 112.4750, 16.5278,
18.8774

■ 50.1320, 47.2629,
54.2582

■ 121.8890, 11.8867,
14.1293

■ 131.5910, 7.1036,
8.2517

■ 141.2930, 2.3206,
2.3740

■ 150.7070, -2.3206,
-2.3740

■ 160.4090, -7.1036,
-8.2517

■ 169.5240,
-11.5973, -13.6145

Harmonies

Analogous

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



73.2110, 50.1820, -42.2810



83.6570, 30.7351, 35.3808



68.4470, 16.0486, 79.4150

Triad

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



83.6570, 30.7351, 35.3808



78.9970, -38.9455, 31.5746



74.2720, 20.5719, -65.1365

Complementary

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



83.6570, 30.7351, 35.3808



113.3430, -30.7351, -35.3808

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.



67.8710, -1.4154, -59.5229



83.6570, 30.7351, 35.3808



74.6460, -36.8005, -3.1975

Square

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



83.6570, 30.7351, 35.3808



75.0040, -35.9910, 64.0175



59.0250, -25.1553, -51.7649



77.8860, 39.4962, -68.3060

Rectangle

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



83.6570, 30.7351, 35.3808



62.1960, 3.3544, 91.0361



59.0250, -25.1553, -51.7649



72.3340, 13.1463, -63.4369

Sweetspot

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



83.6570, 30.7351, 35.3808



164.0030, 12.3235, 14.0294



74.7440, 35.1292, -20.8235



79.5910, 7.1036, 8.2517



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



83.6570, 30.7351, 35.3808



92.5450, 47.5523, 54.7730



87.3850, 16.5722, 51.4054



69.2930, 2.3206, 2.3740



47.4260, 44.6530, 51.3694



3.5320, 3.1887, 3.9184

Inverse Universe

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



81.9130, -4.3941, 56.2043



89.8290, -6.8177, 86.9730



109.6150, -16.5722, -51.4054



69.2070, -0.5951, 4.2035



44.9100, -6.3646, 81.6399



3.2180, -0.6005, 5.9478

Previews

White Background



This preview shows how the YUV color 83.6570, 30.7351, 35.3808 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



This preview shows how the YUV color 83.6570, 30.7351, 35.3808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

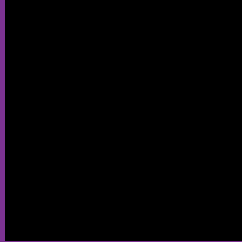
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.6570, 30.7351, 35.3808

Background



This preview shows how black text looks on a background with the YUV color 83.6570, 30.7351, 35.3808.



This preview shows how white text looks on a background with the YUV color 83.6570, 30.7351,

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

83.6570, 30.7351, 35.3808

Protanopia

67.1550, 51.6886, -58.8949

Deuteranopia

79.9080, 29.6254, -28.8603



Tritanopia

85.1280, -4.0071, 25.3207

Trichromacy



Original Color

83.6570, 30.7351, 35.3808

Protanomaly

73.1270, 44.3074, -24.6674

Deuteranomaly

81.4640, 29.8442, -5.6689

Tritanomaly

84.4780, 8.6383, 29.3988

Monochromacy



Original Color

83.6570, 30.7351, 35.3808

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.0630, 11.3079, 13.0997

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.6570, 30.7351, 35.3808 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(124, 51, 146)` looks like.

```
.text, #text, p{  
    color:rgb(124, 51, 146)  
}
```

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(124, 51, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 51, 146) }
```

Border

The CSS property to change the border of an element to YUV 83.6570, 30.7351, 35.3808 is called "border". The border property can be set on classes, ids or directly on the HTML element.

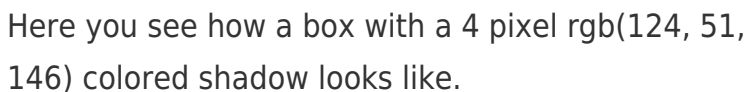
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(124, 51, 146) }
```


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

```
.border{ border-color:rgb(124, 51, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(124, 51, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 51, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 51, 146); box-shadow:4px 4px 4px 4px rgb(124, 51, 146) }
```

Background

The CSS property to change the background color of an element to YUV 83.6570, 30.7351, 35.3808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 51, 146) }
```

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

```
.background{ background-color: rgb(124, 51,  
146) }
```

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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