

Converting Colors

YUV(83.1100, 16.7078, 7.7965)

Have a look what the booklet for
YUV(83.1100, 16.7078, 7.7965)
contains.

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Color

**YUV(83.1100, 16.7078,
7.7965)**

Conversions

Conversions Part 1

Format	Color
Hex	5C4875
RGB	92, 72, 117
RGB Percent	36%, 28%, 46%
CMY	0.6392, 0.7176, 0.5412
CMYK	0.21, 0.38, 0.00, 0.54
HSL	267°, 24%, 37%
HSV	267°, 38%, 46%
XYZ	9.9419, 8.1944, 17.8873
YIQ	83.1100, -2.5250, 18.2350

Conversions

Conversions Part 2

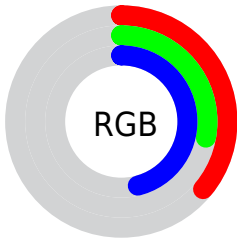
Format	Color
RYB	92, 72, 117
Decimal	6047861
CIELab	34.38, 18.41, -22.67
CIELCh	34, 29.201, 309.084
Yxy	8.1944, 0.2760, 0.2275
Android (android.graphics.Color)	4284237941 (0xFF5C4875)
YUV	83.1100, 16.7078, 7.7965
Hunter-Lab	28.6259, 11.8986, -17.0102

Details

The YUV color **83.1100, 16.7078, 7.7965** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **105.8900, -16.7078, -7.7965**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.0500, 17.7234, 8.7262**, and **37.6430, 14.9660, 6.4521** is the 20% darker color. If you saturate the color by 10%, you get **74.2720, 21.0649, 10.2855**, and if you desaturate by 10%, it is **92.2470, 12.2032, 5.9224**.

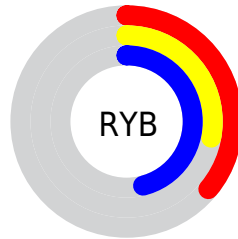
Distribution



Red (36%)

Green (28%)

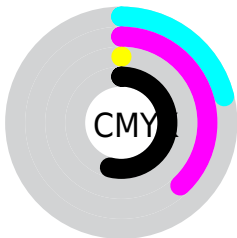
Blue (46%)



Red (36%)

Yellow (28%)

Blue (46%)

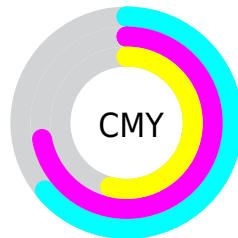


Cyan (21%)

Magenta (38%)

Yellow (0%)

Black (54%)



Cyan (64%)

Magenta (72%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.1100, 16.7078, 7.7965 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 83.1100, 16.7078, 7.7965 by changing the saturation by 10% instead.

83.1100, 16.7078,
7.7965

83.1100, 16.7078,
7.7965

255.0000, 0.0000,
0.0000

59.5830, 15.9816,
7.3817

133.0500, 17.7234,
8.7262

37.6430, 14.9660,
6.4521

159.5770, 18.4495,
9.1410

14.7680, 15.3974,
8.0965

186.1040, 19.1757,
9.5558

3.4370, 10.6306,
-3.0142

214.4030, 19.0283,
10.1706

0.0000, 0.0000,
0.0000

239.4390, 7.6716,
12.7700

■ 83.1100, 16.7078,
7.7965

■ 83.1100, 16.7078,
7.7965

■ 74.2720, 21.0649,
10.2855

■ 92.2470, 12.2032,
5.9224

■ 65.7220, 25.2801,
11.6448

■ 100.4980, 8.1355,
3.9483

■ 56.8840, 29.6372,
14.1337

■ 109.6350, 3.6309,
2.0741

■ 47.7470, 34.1417,
16.0079

■ 118.4730, -0.7262,
-0.4148

■ 39.4960, 38.2095,
17.9820

■ 127.6100, -5.2307,
-2.2890

■ 30.3590, 42.7140,
19.8562

■ 135.8610, -9.2985,
-4.2631

■ 28.8860, 43.4402,
20.2710

■ 144.6990,
-13.6556, -6.7520

■ 153.8360,

-18.1601, -8.6262

■ 162.0870,
-22.2279, -10.6003

Harmonies

Analogous

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



78.4700, 23.9253, -20.5832



83.1100, 16.7078, 7.7965



83.1250, 7.3334, 27.9544

Triad

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



83.1100, 16.7078, 7.7965



79.9480, -21.1734, 24.6016



64.5090, 11.0881, -56.5744

Complementary

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



83.1100, 16.7078, 7.7965



105.8900, -16.7078, -7.7965

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.



69.2700, -3.0911, -35.3168



83.1100, 16.7078, 7.7965



78.2080, -22.2875, 8.5876

Square

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



83.1100, 16.7078, 7.7965



80.9630, -13.7858, 35.1124



75.5090, -15.5339, -10.9704



66.4300, 20.9870, -58.2591

Rectangle

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



83.1100, 16.7078, 7.7965



82.0460, 0.4703, 35.9167



75.5090, -15.5339, -10.9704



63.5970, 7.5937, -55.7746

Sweetspot

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



83.1100, 16.7078, 7.7965



139.4440, 6.6831, 3.1186



92.3920, 12.1317, -17.8838



68.7490, 4.0677, 1.9741



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



83.1100, 16.7078, 7.7965



100.2490, 26.0062, 12.0596



89.6880, 13.4648, 21.3216



54.2820, 2.3260, 0.6297



30.0540, 45.3294, 21.0006



61.6890, 92.8373, 43.2457

Inverse Universe

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



88.3050, 4.2866, 25.1655



108.3760, 6.7166, 39.1352



99.3120, -13.4648, -21.3216



55.1360, 0.4260, 3.3887



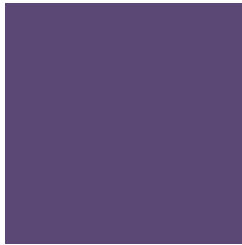
44.2300, 11.7186, 68.2043



90.5960, 23.8632, 139.7973

Previews

White Background



This preview shows how the YUV color 83.1100, 16.7078, 7.7965 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 83.1100, 16.7078, 7.7965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

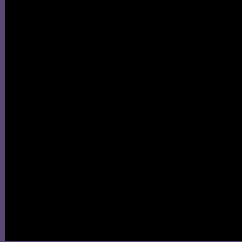
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.1100, 16.7078, 7.7965

Background



This preview shows how black text looks on a background with the YUV color 83.1100, 16.7078, 7.7965.



This preview shows how white text looks on a background with the YUV color 83.1100, 16.7078,

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

83.1100, 16.7078, 7.7965

Protanopia

80.7160, 20.8460, -12.9059

Deuteranopia

80.4020, 17.0568, -10.8766



Tritanopia

81.7770, 1.5889, 3.7036

Trichromacy



Original Color

83.1100, 16.7078, 7.7965

Protanomaly

81.4180, 19.5139, -5.6286

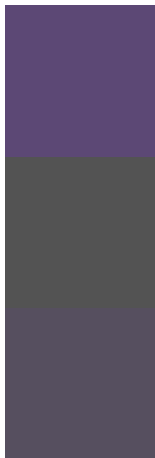
Deuteranomaly

81.4460, 17.0351, -3.8991

Tritanomaly

81.9820, 7.4039, 5.2778

Monochromacy



Original Color

83.1100, 16.7078, 7.7965

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.9170, 5.9569, 2.7038

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.1100, 16.7078, 7.7965 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(92, 72, 117)` looks like.

```
.text, #text, p{  
    color:rgb(92, 72, 117)  
}
```

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(92, 72, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 72, 117) }
```

Border

The CSS property to change the border of an element to YUV 83.1100, 16.7078, 7.7965 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(92, 72, 117) }
```


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

```
.border{ border-color:rgb(92, 72, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 72, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 72, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 72, 117);  
box-shadow:4px 4px 4px 4px rgb(92, 72,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 83.1100, 16.7078, 7.7965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 72, 117) }
```

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

```
.background{ background-color: rgb(92, 72,  
117) }
```

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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