

Converting Colors

YUV(88.1800, 40.8303, 17.3821)

Have a look what the booklet for
YUV(88.1800, 40.8303, 17.3821)
contains.

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Color

**YUV(88.1800, 40.8303,
17.3821)**

Conversions

Conversions Part 1

Format	Color
Hex	6C3EAB
RGB	108, 62, 171
RGB Percent	42%, 24%, 67%
CMY	0.5765, 0.7569, 0.3294
CMYK	0.37, 0.64, 0.00, 0.33
HSL	265°, 47%, 46%
HSV	265°, 64%, 67%
XYZ	15.2577, 9.5737, 39.5718
YIQ	88.1800, -7.5730, 43.6510

Conversions

Conversions Part 2

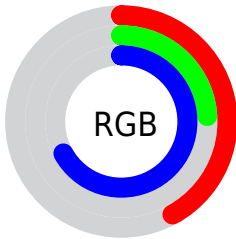
Format	Color
R _Y B	108, 62, 171
Decimal	7093931
CIE Lab	37.07, 43.01, -51.23
CIE LCh	37, 66.891, 310.011
Yxy	9.5737, 0.2369, 0.1487
Android (android.graphics.Color)	4285284011 (0xFF6C3EAB)
YUV	88.1800, 40.8303, 17.3821
Hunter-Lab	30.9413, 33.8737, -54.1688

Details

The YUV color **88.1800, 40.8303, 17.3821** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **144.8200, -40.8303, -17.3821**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.3590, 42.7140, 19.8562**, and **36.3430, 40.2569, 14.6082** is the 20% darker color. If you saturate the color by 10%, you get **75.2110, 47.2240, 19.9860**, and if you desaturate by 10%, it is **101.1490, 34.4365, 14.7783**.

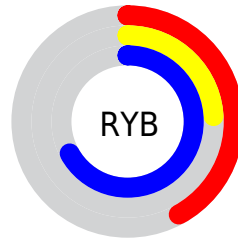
Distribution



Red (42%)

Green (24%)

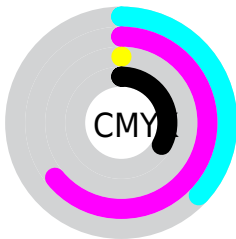
Blue (67%)



Red (42%)

Yellow (24%)

Blue (67%)

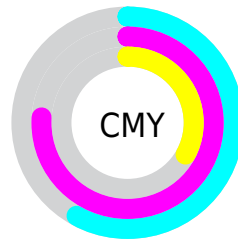


Cyan (37%)

Magenta (64%)

Yellow (0%)

Black (33%)



Cyan (58%)

Magenta (76%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.1800, 40.8303, 17.3821 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 88.1800, 40.8303, 17.3821 by changing the saturation by 10% instead.

88.1800, 40.8303,
17.3821

88.1800, 40.8303,
17.3821

255.0000, 0.0000,
0.0000

62.9410, 39.9621,
15.8377

140.3590, 42.7140,
19.8562

36.3430, 40.2569,
14.6082

167.4840, 43.1454,
21.5005

17.0660, 36.9425,
4.3271

192.0040, 31.0570,
25.4295

7.7520, 29.7023,
-6.7985

217.1110, 18.6793,
28.8437

6.8910, 18.7877,
-6.0434

235.0420, 9.8393,
17.5032

3.2090, 9.7570,
-2.8143

252.0650, 1.4470,

0.0000, 0.0000,

2.5740

0.0000

■ 88.1800, 40.8303,
17.3821

■ 88.1800, 40.8303,
17.3821

■ 75.2110, 47.2240,
19.9860

■ 101.1490, 34.4365,
14.7783

■ 62.2420, 53.6177,
22.5898

■ 114.1180, 28.0428,
12.1745

■ 49.2730, 60.0114,
25.1936

■ 127.0870, 21.6491,
9.5707

■ 41.0220, 64.0792,
27.1677

■ 140.0560, 15.2554,
6.9669

■ 152.7260, 9.0091,
3.7483

■ 166.2820, 2.3260,
0.6297

■ 179.2510, -4.0677,
-1.9741

■ 192.2200,
-10.4615, -4.5779

■ 205.1890,
-16.8552, -7.1818

Harmonies

Analogous

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



74.4730, 59.4198, -65.3128



88.1800, 40.8303, 17.3821



72.0800, 26.0896, 78.8598

Triad

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



88.1800, 40.8303, 17.3821



82.3410, -40.5941, 47.0589



75.9530, 14.3202, -66.6108

Complementary

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



88.1800, 40.8303, 17.3821



144.8200, -40.8303, -17.3821

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.



68.1670, -10.4353, -59.7825



88.1800, 40.8303, 17.3821



80.6260, -39.7486, 9.0980

Square

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



88.1800, 40.8303, 17.3821



73.7040, -27.4621, 81.8206



65.5550, -32.3186, -40.8287



81.7670, 36.5969, -71.7097

Rectangle

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



88.1800, 40.8303, 17.3821



63.1830, 13.2208, 99.8175



65.5550, -32.3186, -40.8287



73.7870, 6.0210, -64.7112

Sweetspot

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



88.1800, 40.8303, 17.3821



189.8710, 15.8396, 6.2521



111.9940, 29.0900, -43.8447



92.2530, 9.7353, 4.1631



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



88.1800, 40.8303, 17.3821



93.4950, 63.3530, 26.7529



104.3260, 32.8703, 50.5801



80.2220, 3.3416, 1.5593



35.9370, 56.2331, 23.7343



5.6120, 8.5723, 3.8483

Inverse Universe

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



101.7730, 11.4509, 60.7121



114.7030, 17.8944, 94.0995



128.6740, -32.8703, -50.5801



81.2610, 0.8573, 5.0331



54.7680, 15.8904, 83.5185



8.3590, 2.2880, 12.8402

Previews

White Background



This preview shows how the YUV color 88.1800, 40.8303, 17.3821 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

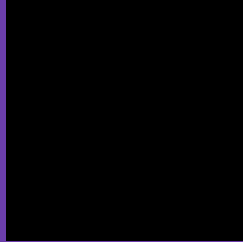
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.1800, 40.8303, 17.3821

Background



This preview shows how black text looks on a background with the YUV color 88.1800, 40.8303, 17.3821.



This preview shows how white text looks on a background with the YUV color 88.1800, 40.8303,

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

88.1800, 40.8303, 17.3821

Protanopia

69.7140, 53.8780, -61.1392

Deuteranopia

70.1410, 42.8215, -61.5137



Tritanopia

87.5920, 2.1731, 2.9888

Trichromacy



Original Color

88.1800, 40.8303, 17.3821

Protanomaly

76.3370, 49.1339, -32.7445

Deuteranomaly

76.5020, 42.1505, -32.8893

Tritanomaly

87.9960, 16.2710, 7.8965

Monochromacy



Original Color

88.1800, 40.8303, 17.3821

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.2300, 14.6766, 5.9373

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.1800, 40.8303, 17.3821 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(108, 62, 171)` looks like.

```
.text, #text, p{  
    color:rgb(108, 62, 171)  
}
```

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(108, 62, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 62, 171) }
```

Border

The CSS property to change the border of an element to YUV 88.1800, 40.8303, 17.3821 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(108, 62, 171) }
```


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

```
.border{ border-color:rgb(108, 62, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 62, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 62, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 62, 171);  
box-shadow:4px 4px 4px 4px rgb(108, 62,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 88.1800, 40.8303, 17.3821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 62, 171) }
```

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

```
.background{ background-color: rgb(108, 62,  
171) }
```

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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