

Converting Colors

YUV(83.2050, 29.4789, 18.2372)

Have a look what the booklet for
YUV(83.2050, 29.4789, 18.2372)
contains.

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Color

**YUV(83.2050, 29.4789,
18.2372)**

Conversions

Conversions Part 1

Format	Color
Hex	683D8F
RGB	104, 61, 143
RGB Percent	41%, 24%, 56%
CMY	0.5922, 0.7608, 0.4392
CMYK	0.27, 0.57, 0.00, 0.44
HSL	271°, 40%, 40%
HSV	271°, 57%, 56%
XYZ	12.3356, 8.2637, 26.9315
YIQ	83.2050, -0.6940, 34.6180

Conversions

Conversions Part 2

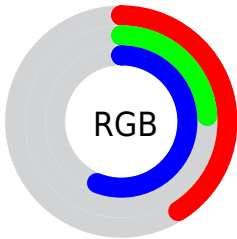
Format	Color
RYB	104, 61, 143
Decimal	6831503
CIELab	34.53, 35.36, -38.43
CIElCh	35, 52.226, 312.621
Yxy	8.2637, 0.2595, 0.1739
Android (android.graphics.Color)	4285021583 (0xFF683D8F)
YUV	83.2050, 29.4789, 18.2372
Hunter-Lab	28.7467, 26.2901, -35.4235

Details

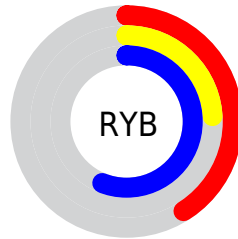
The YUV color **83.2050, 29.4789, 18.2372** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **120.7950, -29.4789, -18.2372**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.9710, 31.0733, 20.1964**, and **33.9660, 28.6108, 16.6928** is the 20% darker color. If you saturate the color by 10%, you get **72.8940, 34.5623, 21.1410**, and if you desaturate by 10%, it is **93.5160, 24.3956, 15.3335**.

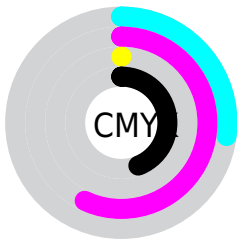
Distribution



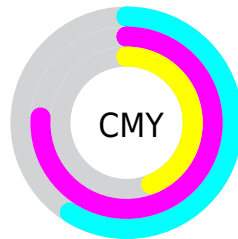
- Red (41%)
- Green (24%)
- Blue (56%)



- Red (41%)
- Yellow (24%)
- Blue (56%)



- Cyan (27%)
- Magenta (57%)
- Yellow (0%)
- Black (44%)



- Cyan (59%)
- Magenta (76%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.2050, 29.4789, 18.2372 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 83.2050, 29.4789, 18.2372 by changing the saturation by 10% instead.

■ 83.2050, 29.4789,
18.2372

■ 83.2050, 29.4789,
18.2372

■ 255.0000, 0.0000,
0.0000

■ 58.3790, 28.9002,
17.2076

■ 133.9710, 31.0733,
20.1964

■ 33.9660, 28.6108,
16.6928

■ 160.9110, 32.0889,
21.1261

■ 16.1240, 25.5749,
10.4153

■ 188.6230, 32.2309,
22.2556

■ 5.1300, 19.6559,
-4.4990

■ 212.9580, 20.7267,
25.4698

■ 3.2090, 9.7570,
-2.8143

■ 233.2810, 10.7075,
19.0476

■ 0.0000, 0.0000,
0.0000

■ 250.3040, 2.3151,

4.1184

■ 83.2050, 29.4789,
18.2372

■ 83.2050, 29.4789,
18.2372

■ 72.8940, 34.5623,
21.1410

■ 93.5160, 24.3956,
15.3335

■ 61.9960, 39.9350,
24.5595

■ 104.4140, 19.0229,
11.9149

■ 51.9840, 44.8709,
28.0780

■ 114.4260, 14.0870,
8.3964

■ 41.6730, 49.9542,
30.9818

■ 124.7370, 9.0037,
5.4927

■ 38.7270, 51.4066,
31.8114

■ 135.6350, 3.6309,
2.0741

■ 145.9460, -1.4524,
-0.8296

■ 156.2570, -6.5357,
-3.7334

■ 166.2690,
-11.4716, -7.2519

■ 177.1670,
-16.8443, -10.6705

Harmonies

Analogous

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



65.5420, 48.0468, -57.4803



83.2050, 29.4789, 18.2372



77.5490, 14.5193, 56.5235

Triad

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



83.2050, 29.4789, 18.2372



76.6710, -37.7988, 37.1225



69.8720, 13.8671, -61.2777

Complementary

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



83.2050, 29.4789, 18.2372



120.7950, -29.4789, -18.2372

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.



63.7960, -4.3364, -55.9491



83.2050, 29.4789, 18.2372



74.7120, -36.8330, 7.2686

Square

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



83.2050, 29.4789, 18.2372



75.3700, -24.3394, 60.1885



65.6580, -28.4254, -29.5181



73.1440, 31.4810, -64.1473

Rectangle

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



83.2050, 29.4789, 18.2372



72.9500, 2.9826, 70.2039



65.6580, -28.4254, -29.5181



67.6890, 8.0413, -59.3633

Sweetspot

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



83.2050, 29.4789, 18.2372



163.3180, 11.1822, 6.7371



93.8280, 24.2418, -28.7902



80.1560, 6.8251, 4.2482



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.



83.2050, 29.4789, 18.2372



92.6250, 46.0339, 28.3929



94.7520, 23.2933, 42.3135



65.9940, 2.4680, 1.7593



36.6190, 48.5018, 30.1521



2.1080, 2.9048, 1.6593

Inverse Universe

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



89.9640, 4.9477, 46.5126



103.2260, 7.7766, 72.5928



109.2480, -23.2933, -42.3135



66.5490, 0.7153, 3.9035



47.6610, 8.0551, 76.5963



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 83.2050, 29.4789, 18.2372 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 83.2050, 29.4789, 18.2372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

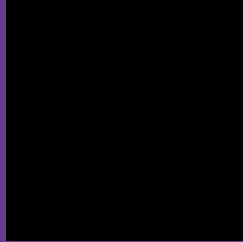
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.2050, 29.4789, 18.2372

Background



This preview shows how black text looks on a background with the YUV color 83.2050, 29.4789, 18.2372.



This preview shows how white text looks on a background with the YUV color 83.2050, 29.4789,

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

83.2050, 29.4789, 18.2372

Protanopia

73.3980, 43.1878, -38.9370

Deuteranopia

75.9400, 31.0886, -31.5194



Tritanopia

82.4680, 0.2623, 9.2366

Trichromacy



Original Color

83.2050, 29.4789, 18.2372

Protanomaly

76.5640, 38.1759, -18.0346

Deuteranomaly

78.2350, 30.4501, -13.3611

Tritanomaly

82.6500, 11.0185, 12.5849

Monochromacy



Original Color

83.2050, 29.4789, 18.2372

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.2040, 10.7454, 6.8371

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.2050, 29.4789, 18.2372 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(104, 61, 143)` looks like.

```
.text, #text, p{  
    color:rgb(104, 61, 143)  
}
```

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(104, 61, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 61, 143) }
```

Border

The CSS property to change the border of an element to YUV 83.2050, 29.4789, 18.2372 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(104, 61, 143) }
```


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

```
.border{ border-color:rgb(104, 61, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 61, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 61, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 61, 143);  
box-shadow:4px 4px 4px 4px rgb(104, 61,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 83.2050, 29.4789, 18.2372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 61, 143) }
```

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

```
.background{ background-color: rgb(104, 61,  
143) }
```

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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