

Converting Colors

YUV(83.6820, 29.2438, 0.2789)

Have a look what the booklet for
YUV(83.6820, 29.2438, 0.2789)
contains.

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Color

**YUV(83.6820, 29.2438,
0.2789)**

Conversions

Conversions Part 1

Format	Color
Hex	54488F
RGB	84, 72, 143
RGB Percent	33%, 28%, 56%
CMY	0.6706, 0.7176, 0.4392
CMYK	0.41, 0.50, 0.00, 0.44
HSL	250°, 33%, 42%
HSV	250°, 50%, 56%
XYZ	10.9314, 8.5027, 27.0516
YIQ	83.6820, -15.6390, 24.6250

Conversions

Conversions Part 2

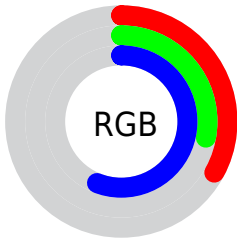
Format	Color
R_{YB}	84, 72, 143
Decimal	5523599
CIE _{Lab}	35.01, 23.29, -37.78
CIE _{LCh}	35, 44.386, 301.649
Yxy	8.5027, 0.2352, 0.1829
Android (android.graphics.Color)	4283713679 (0xFF54488F)
YUV	83.6820, 29.2438, 0.2789
Hunter-Lab	29.1594, 15.8881, -34.5926

Details

The YUV color **83.6820, 29.2438, 0.2789** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **131.3180, -29.2438, -0.2789**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.4480, 30.8381, 2.2381**, and **36.4920, 27.3654, -3.9395** is the 20% darker color. If you saturate the color by 10%, you get **71.8760, 35.0641, 0.1087**, and if you desaturate by 10%, it is **95.4880, 23.4234, 0.4490**.

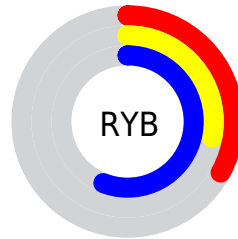
Distribution



Red (33%)

Green (28%)

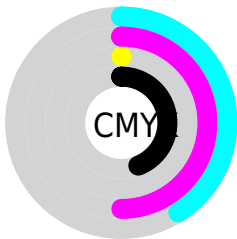
Blue (56%)



Red (33%)

Yellow (28%)

Blue (56%)

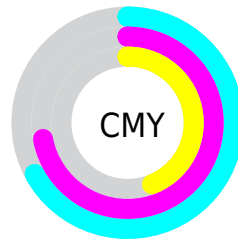


Cyan (41%)

Magenta (50%)

Yellow (0%)

Black (44%)



Cyan (67%)

Magenta (72%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.6820, 29.2438, 0.2789 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 83.6820, 29.2438, 0.2789 by changing the saturation by 10% instead.

83.6820, 29.2438,
0.2789

83.6820, 29.2438,
0.2789

255.0000, 0.0000,
0.0000

59.4430, 28.3756,
-1.2655

134.4480, 30.8381,
2.2381

36.4920, 27.3654,
-3.9395

160.9750, 31.5643,
2.6529

11.5730, 27.8185,
-9.2725

187.9150, 32.5799,
3.5825

6.3040, 19.0771,
-5.5286

212.8370, 20.7864,
6.2820

3.2090, 9.7570,
-2.8143

237.9440, 8.4086,
9.6961

0.0000, 0.0000,
0.0000

■ 83.6820, 29.2438,
0.2789

■ 83.6820, 29.2438,
0.2789

■ 71.8760, 35.0641,
0.1087

■ 95.4880, 23.4234,
0.4490

■ 59.4830, 41.1739,
0.4534

■ 107.8810, 17.3137,
0.1044

■ 47.6770, 46.9942,
0.2833

■ 119.6870, 11.4933,
0.2745

■ 35.8710, 52.8146,
0.1131

■ 131.4930, 5.6730,
0.4446

■ 23.7770, 58.7769,
1.0726

■ 143.5870, -0.2894,
-0.5148

■ 23.4780, 58.9243,
0.4578

■ 155.3930, -6.1097,
-0.3447

■ 167.1990,
-11.9301, -0.1745

■ 179.0050,

-17.7505, -0.0044

■ 191.3980,
-23.8602, -0.3490

Harmonies

Analogous

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



67.9240, 41.9425, -59.5693



83.6820, 29.2438, 0.2789



83.8840, 16.3262, 36.9357

Triad

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



83.6820, 29.2438, 0.2789



79.1150, -31.1157, 40.2411



67.5750, 7.6045, -59.2633

Complementary

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



83.6820, 29.2438, 0.2789



131.3180, -29.2438, -0.2789

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.



61.7100, -7.2520, -54.1197



83.6820, 29.2438, 0.2789



76.8490, -37.8866, 18.5494

Square

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



83.6820, 29.2438, 0.2789



78.9270, -15.7400, 55.3150



73.4370, -29.7954, -10.0302



71.0920, 23.6186, -62.3477

Rectangle

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



83.6820, 29.2438, 0.2789



81.0510, 6.3839, 52.5753



73.4370, -29.7954, -10.0302



65.6200, 2.6523, -57.5487

Sweetspot

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



83.6820, 29.2438, 0.2789



162.6870, 11.4933, 0.2745



114.7270, 13.9386, -37.4716



79.8350, 6.9833, 0.1447



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.



83.6820, 29.2438, 0.2789



92.4490, 46.1206, 0.4832



94.1470, 24.0845, 21.7961



65.0970, 2.9102, -0.0851



22.2670, 55.5774, 0.6428



1.2110, 3.3470, -0.1850

Inverse Universe

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



99.9550, 15.3052, 37.7505



118.0900, 24.1126, 59.5571



120.8530, -24.0845, -21.7961



66.7770, 1.5889, 3.7036



53.1330, 29.0214, 71.7974



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 83.6820, 29.2438, 0.2789 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 83.6820, 29.2438, 0.2789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

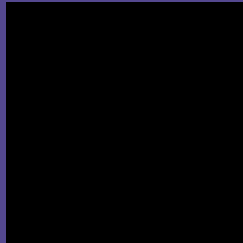
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.6820, 29.2438, 0.2789

Background



This preview shows how black text looks on a background with the YUV color 83.6820, 29.2438, 0.2789.



This preview shows how white text looks on a background with the YUV color 83.6820, 29.2438,

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

83.6820, 29.2438, 0.2789

Protanopia

78.2270, 35.8771, -27.3861

Deuteranopia

76.6410, 31.2360, -32.1342



Tritanopia

80.9110, 4.9739, -8.6919

Trichromacy



Original Color

83.6820, 29.2438, 0.2789

Protanomaly

80.0110, 33.5186, -17.5496

Deuteranomaly

79.1910, 30.4718, -20.3385

Tritanomaly

82.2240, 13.6936, -5.4584

Monochromacy



Original Color

83.6820, 29.2438, 0.2789

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.0460, 10.3303, -0.0403

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.6820, 29.2438, 0.2789 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(84, 72, 143)` looks like.

```
.text, #text, p{  
    color:rgb(84, 72, 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(84, 72, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 72, 143) }
```

Border

The CSS property to change the border of an element to YUV 83.6820, 29.2438, 0.2789 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(84, 72, 143) }
```


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

```
.border{ border-color:rgb(84, 72, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 72, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 72, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 72, 143);  
box-shadow:4px 4px 4px 4px rgb(84, 72,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 83.6820, 29.2438, 0.2789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 72, 143) }
```

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

```
.background{ background-color: rgb(84, 72,  
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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