

Converting Colors

YUV(88.2930, 29.4356, 32.1920)

Have a look what the booklet for
YUV(88.2930, 29.4356, 32.1920)
contains.

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Color

**YUV(88.2930, 29.4356,
32.1920)**

Conversions

Conversions Part 1

Format	Color
Hex	7D3A94
RGB	125, 58, 148
RGB Percent	49%, 23%, 58%
CMY	0.5098, 0.7725, 0.4196
CMYK	0.16, 0.61, 0.00, 0.42
HSL	285°, 44%, 40%
HSV	285°, 61%, 58%
XYZ	15.3158, 9.5242, 29.0481
YIQ	88.2930, 11.0420, 42.1940

Conversions

Conversions Part 2

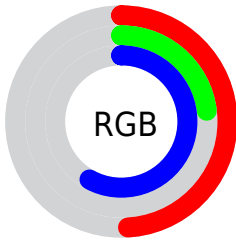
Format	Color
R _Y B	125, 58, 148
Decimal	8206996
CIE Lab	36.97, 43.75, -37.42
CIE LCh	37, 57.564, 319.460
Yxy	9.5242, 0.2842, 0.1767
Android (android.graphics.Color)	4286397076 (0xFF7D3A94)
YUV	88.2930, 29.4356, 32.1920
Hunter-Lab	30.8613, 34.5784, -34.2036

Details

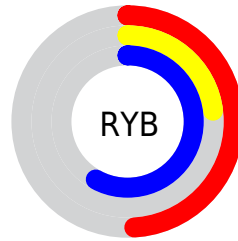
The YUV color **88.2930, 29.4356, 32.1920** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **117.7070, -29.4356, -32.1920**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.9450, 30.5931, 34.2512**, and **34.0590, 31.0299, 34.1513** is the 20% darker color. If you saturate the color by 10%, you get **78.2920, 34.3660, 37.4549**, and if you desaturate by 10%, it is **98.2940, 24.5051, 26.9292**.

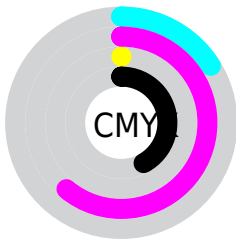
Distribution



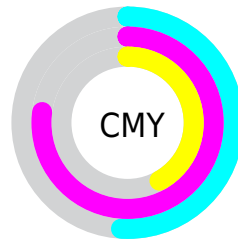
- Red (49%)
- Green (23%)
- Blue (58%)



- Red (49%)
- Yellow (23%)
- Blue (58%)



- Cyan (16%)
- Magenta (61%)
- Yellow (0%)
- Black (42%)



- Cyan (51%)
- Magenta (77%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.2930, 29.4356, 32.1920 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 88.2930, 29.4356, 32.1920 by changing the saturation by 10% instead.

88.2930, 29.4356,
32.1920

88.2930, 29.4356,
32.1920

255.0000, 0.0000,
0.0000

62.2930, 29.4356,
32.1920

140.9450, 30.5931,
34.2512

34.0590, 31.0299,
34.1513

167.7710, 31.1719,
35.2808

22.2610, 24.5213,
21.6961

195.0270, 29.5667,
36.8103

13.0610, 17.7179,
10.4705

216.8450, 18.8104,
33.4619

3.6650, 11.5042,
-3.2142

233.2810, 10.7075,
19.0476

0.0000, 0.0000,
0.0000

250.3040, 2.3151,

4.1184

■ 88.2930, 29.4356,
32.1920

■ 88.2930, 29.4356,
32.1920

■ 78.2920, 34.3660,
37.4549

■ 98.2940, 24.5051,
26.9292

■ 68.2910, 39.2965,
42.7178

■ 108.2950, 19.5746,
21.6663

■ 59.1760, 43.7902,
48.0806

■ 117.4100, 15.0809,
16.3034

■ 49.7620, 48.4313,
52.8287

■ 127.4110, 10.1504,
11.0406

■ 137.4120, 5.2199,
5.7777

■ 147.4130, 0.2894,
0.5148

■ 157.1150, -4.4937,
-5.3629

■ 166.5290, -9.1348,
-10.1109

■ 176.5300,
-14.0653, -15.3738

Harmonies

Analogous

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



78.8480, 47.4029, -37.5777



88.2930, 29.4356, 32.1920



78.5940, 13.0182, 71.3931

Triad

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



88.2930, 29.4356, 32.1920



82.2530, -40.5507, 33.1041



76.1470, 20.1405, -66.7809

Complementary

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



88.2930, 29.4356, 32.1920



117.7070, -29.4356, -32.1920

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.



69.9740, -0.9732, -61.3672



88.2930, 29.4356, 32.1920



78.5000, -38.7005, -0.4385

Square

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



88.2930, 29.4356, 32.1920



80.0900, -33.0754, 62.1881



61.8120, -22.0923, -54.2091



79.5330, 38.1912, -69.7504

Rectangle

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



88.2930, 29.4356, 32.1920



74.2180, -0.1075, 81.3698



61.8120, -22.0923, -54.2091



74.3230, 13.1518, -65.1813

Sweetspot

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



88.2930, 29.4356, 32.1920



168.3510, 11.1660, 11.9702



82.3480, 32.3664, -21.3532



82.8790, 6.9617, 7.1221



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



88.2930, 29.4356, 32.1920



98.9420, 45.3846, 50.0399



92.7760, 16.8724, 48.4314



69.2930, 2.3206, 2.3740



46.5290, 45.0952, 49.5251



3.5320, 3.1887, 3.9184

Inverse Universe

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



87.5320, -3.2203, 53.0304



97.5510, -5.2016, 81.9548



113.2240, -16.8724, -48.4314



69.2070, -0.5951, 4.2035



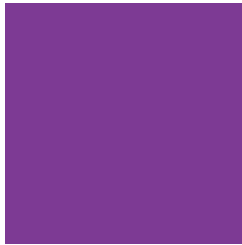
45.2520, -5.0542, 81.3400



3.3320, -0.1637, 5.8478

Previews

White Background



This preview shows how the YUV color 88.2930, 29.4356, 32.1920 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 88.2930, 29.4356, 32.1920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

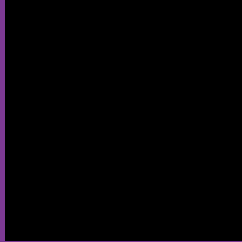
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.2930, 29.4356, 32.1920

Background



This preview shows how black text looks on a background with the YUV color 88.2930, 29.4356, 32.1920.



This preview shows how white text looks on a background with the YUV color 88.2930, 29.4356,

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

88.2930, 29.4356, 32.1920

Protanopia

78.1030, 47.2772, -43.9403

Deuteranopia

83.9900, 28.5989, -26.3012



Tritanopia

88.9320, -3.4175, 22.8616

Trichromacy



Original Color

88.2930, 29.4356, 32.1920

Protanomaly

81.6720, 41.0807, -16.3753

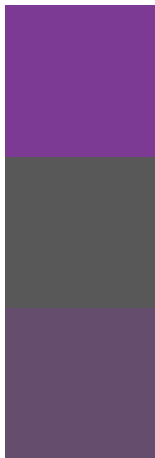
Deuteranomaly

85.5350, 28.8232, -4.8542

Tritanomaly

88.7550, 8.5018, 26.5249

Monochromacy



Original Color

88.2930, 29.4356, 32.1920

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.9380, 10.8766, 11.4554

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.2930, 29.4356, 32.1920 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(125, 58, 148)` looks like.

```
.text, #text, p{  
    color:rgb(125, 58, 148)  
}
```

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(125, 58, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 58, 148) }
```

Border

The CSS property to change the border of an element to YUV 88.2930, 29.4356, 32.1920 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(125, 58, 148) }
```


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

```
.border{ border-color:rgb(125, 58, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 58, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 58, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 58, 148); box-shadow:4px 4px 4px 4px rgb(125, 58, 148) }
```

Background

The CSS property to change the background color of an element to YUV 88.2930, 29.4356, 32.1920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 58, 148) }
```

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

```
.background{ background-color: rgb(125, 58,  
148) }
```

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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