

Converting Colors

YUV(70.2860, 33.3830, 26.0592)

Have a look what the booklet for
YUV(70.2860, 33.3830, 26.0592)
contains.

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Color

**YUV(70.2860, 33.3830,
26.0592)**

Conversions

Conversions Part 1

Format	Color
Hex	642A8A
RGB	100, 42, 138
RGB Percent	39%, 16%, 54%
CMY	0.6078, 0.8353, 0.4588
CMYK	0.28, 0.70, 0.00, 0.46
HSL	276°, 53%, 35%
HSV	276°, 70%, 54%
XYZ	10.6709, 6.2002, 24.6791
YIQ	70.2860, 3.7520, 42.1520

Conversions

Conversions Part 2

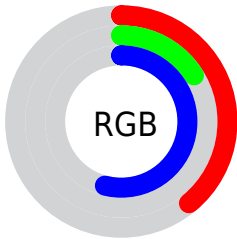
Format	Color
RYB	100, 42, 138
Decimal	6564490
CIELab	29.91, 43.31, -42.78
CIELCh	30, 60.879, 315.351
Yxy	6.2002, 0.2568, 0.1492
Android (android.graphics.Color)	4284754570 (0xFF642A8A)
YUV	70.2860, 33.3830, 26.0592
Hunter-Lab	24.9003, 32.9202, -41.3332

Details

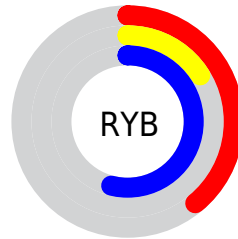
The YUV color **70.2860, 33.3830, 26.0592** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **109.7140, -33.3830, -26.0592**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.9380, 34.5406, 28.1184**, and **24.2700, 30.9259, 20.8112** is the 20% darker color. If you saturate the color by 10%, you get **60.5730, 38.1715, 30.1925**, and if you desaturate by 10%, it is **79.9990, 28.5945, 21.9259**.

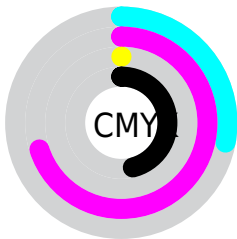
Distribution



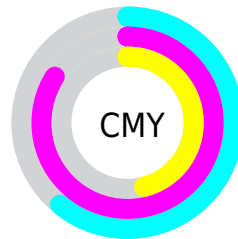
- Red (39%)
- Green (16%)
- Blue (54%)



- Red (39%)
- Yellow (16%)
- Blue (54%)



- Cyan (28%)
- Magenta (70%)
- Yellow (0%)
- Black (46%)



- Cyan (61%)
- Magenta (84%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.2860, 33.3830, 26.0592 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 70.2860, 33.3830, 26.0592 by changing the saturation by 10% instead.

70.2860, 33.3830,
26.0592

70.2860, 33.3830,
26.0592

255.0000, 0.0000,
0.0000

43.6990, 33.6724,
26.5740

121.9380, 34.5406,
28.1184

24.2700, 30.9259,
20.8112

148.7640, 35.1193,
29.1480

15.2550, 23.5383,
10.3004

175.7040, 36.1349,
30.0776

6.3210, 16.6037,
-5.5435

200.9080, 26.6674,
33.4067

2.6390, 7.5730,
-2.3144

222.1280, 16.2059,
28.8287

0.0000, 0.0000,
0.0000

239.1510, 7.8136,

13.8996

■ 70.2860, 33.3830,
26.0592

■ 70.2860, 33.3830,
26.0592

■ 60.5730, 38.1715,
30.1925

■ 79.9990, 28.5945,
21.9259

■ 50.5610, 43.1074,
33.7110

■ 90.0110, 23.6586,
18.4074

■ 41.4350, 47.6065,
37.3295

■ 99.1370, 19.1595,
14.7889

■ 40.5490, 48.0433,
37.2295

■ 109.1490, 14.2235,
11.2703

■ 118.8620, 9.4350,
7.1370

■ 128.8740, 4.4991,
3.6185

■ 138.5870, -0.2894,
-0.5148

■ 148.0120, -4.9359,
-3.5185

■ 157.7250, -9.7244,
-7.6518

Harmonies

Analogous

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



59.0850, 51.2301, -51.8175



70.2860, 33.3830, 26.0592



53.1030, 21.1482, 77.0857

Triad

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



70.2860, 33.3830, 26.0592



66.9140, -32.9886, 34.2784



63.5460, 15.0138, -55.7298

Complementary

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



70.2860, 33.3830, 26.0592



109.7140, -33.3830, -26.0592

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.



56.7860, -5.8105, -49.8013



70.2860, 33.3830, 26.0592



64.0470, -31.5752, 0.8358

Square

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



70.2860, 33.3830, 26.0592



58.8610, -29.0185, 67.6509



49.3080, -24.3088, -43.2431



67.9750, 34.5223, -59.6141

Rectangle

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



70.2860, 33.3830, 26.0592



52.1460, 5.8440, 85.8180



49.3080, -24.3088, -43.2431



61.1350, 8.3144, -53.6154

Sweetspot

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



70.2860, 33.3830, 26.0592



152.2090, 13.2080, 10.3407



75.2500, 30.9357, -29.1603



73.3950, 7.6933, 5.7926



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



70.2860, 33.3830, 26.0592



73.8960, 51.8163, 40.4332



80.5080, 23.4136, 50.4205



63.9940, 2.4680, 1.7593



39.0820, 46.3016, 35.8851



1.4670, 1.7418, 1.3444

Inverse Universe

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



75.0360, 2.4473, 55.2194



81.2770, 3.8074, 85.7031



99.4920, -23.4136, -50.4205



64.4350, 0.2785, 4.0035



45.6950, 3.1084, 76.5665



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 70.2860, 33.3830, 26.0592 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 70.2860, 33.3830, 26.0592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

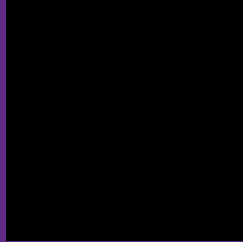
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.2860, 33.3830, 26.0592

Background



This preview shows how black text looks on a background with the YUV color 70.2860, 33.3830, 26.0592.



This preview shows how white text looks on a background with the YUV color 70.2860, 33.3830,

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

70.2860, 33.3830, 26.0592

Protanopia

57.0330, 43.3677, -50.0179

Deuteranopia

57.4430, 34.7846, -50.3775



Tritanopia

72.4470, -1.2064, 13.6400

Trichromacy



Original Color

70.2860, 33.3830, 26.0592

Protanomaly

61.5850, 39.6446, -22.4380

Deuteranomaly

62.2060, 34.4084, -22.9827

Tritanomaly

71.7970, 11.4391, 17.7180

Monochromacy



Original Color

70.2860, 33.3830, 26.0592

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.2690, 12.1924, 9.4111

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.2860, 33.3830, 26.0592 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(100, 42, 138)` looks like.

```
.text, #text, p{  
    color:rgb(100, 42, 138)  
}
```

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(100, 42, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 42, 138) }
```

Border

The CSS property to change the border of an element to YUV 70.2860, 33.3830, 26.0592 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(100, 42, 138) }
```


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

```
.border{ border-color:rgb(100, 42, 138) }
```

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

Here you see how a box with a 4 pixel rgb(100, 42, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 42, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 42, 138);  
box-shadow:4px 4px 4px 4px rgb(100, 42,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 70.2860, 33.3830, 26.0592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 42, 138) }
```

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

```
.background{ background-color: rgb(100, 42,  
138) }
```

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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