

Converting Colors

YUV(83.8730, 29.6426, 12.3894)

Have a look what the booklet for
YUV(83.8730, 29.6426, 12.3894)
contains.

YUV(83.8730, 29.6426, 12.3894)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(83.8730, 29.6426,
12.3894)**

Conversions

Conversions Part 1

Format	Color
Hex	624190
RGB	98, 65, 144
RGB Percent	38%, 25%, 56%
CMY	0.6157, 0.7451, 0.4353
CMYK	0.32, 0.55, 0.00, 0.44
HSL	265°, 38%, 41%
HSV	265°, 55%, 56%
XYZ	11.9613, 8.3909, 27.3747
YIQ	83.8730, -5.6910, 31.5650

Conversions

Conversions Part 2

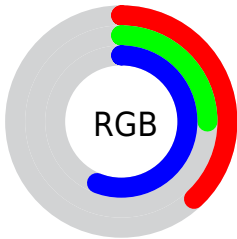
Format	Color
RYB	98, 65, 144
Decimal	6439312
CIELab	34.78, 31.67, -38.67
CIElCh	35, 49.982, 309.313
Yxy	8.3909, 0.2506, 0.1758
Android (android.graphics.Color)	4284629392 (0xFF624190)
YUV	83.8730, 29.6426, 12.3894
Hunter-Lab	28.9670, 23.0157, -35.7540

Details

The YUV color **83.8730, 29.6426, 12.3894** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **125.1270, -29.6426, -12.3894**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.6390, 31.2370, 14.3486**, and **35.8080, 28.1957, 9.8154** is the 20% darker color. If you saturate the color by 10%, you get **73.2630, 34.8733, 14.6783**, and if you desaturate by 10%, it is **94.4830, 24.4119, 10.1004**.

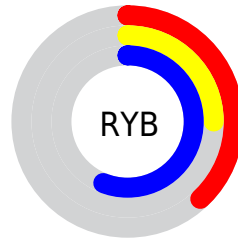
Distribution



Red (38%)

Green (25%)

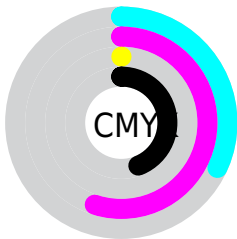
Blue (56%)



Red (38%)

Yellow (25%)

Blue (56%)

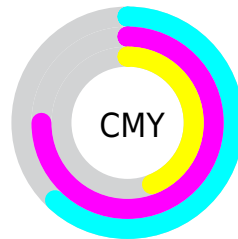


Cyan (32%)

Magenta (55%)

Yellow (0%)

Black (44%)



Cyan (62%)

Magenta (75%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.8730, 29.6426, 12.3894 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 83.8730, 29.6426, 12.3894 by changing the saturation by 10% instead.

83.8730, 29.6426,
12.3894

83.8730, 29.6426,
12.3894

255.0000, 0.0000,
0.0000

59.6340, 28.7744,
10.8450

134.6390, 31.2370,
14.3486

35.8080, 28.1957,
9.8154

161.5790, 32.2526,
15.2782

14.1450, 27.0435,
6.0118

188.4050, 32.8313,
16.3078

5.2440, 20.0927,
-4.5990

213.5120, 20.4536,
19.7220

3.3230, 10.1938,
-2.9143

235.6290, 9.5499,
16.9884

0.0000, 0.0000,
0.0000

252.6520, 1.1576,

2.0592

■ 83.8730, 29.6426,
12.3894

■ 83.8730, 29.6426,
12.3894

■ 73.2630, 34.8733,
14.6783

■ 94.4830, 24.4119,
10.1004

■ 61.7670, 40.5409,
16.8673

■ 105.9790, 18.7444,
7.9114

■ 51.1570, 45.7716,
19.1563

■ 116.5890, 13.5136,
5.6224

■ 39.6610, 51.4391,
21.3453

■ 128.0850, 7.8461,
3.4335

■ 34.3560, 54.0545,
22.4898

■ 138.6950, 2.6154,
1.1445

■ 149.3050, -2.6154,
-1.1445

■ 160.8010, -8.2829,
-3.3335

■ 171.4110,
-13.5136, -5.6224

■ 182.6080,
-19.0337, -8.4262

Harmonies

Analogous

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



67.0750, 46.3050, -58.8248



83.8730, 29.6426, 12.3894



80.3310, 15.1198, 50.5757

Triad

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



83.8730, 29.6426, 12.3894



76.6820, -37.8042, 38.8669



69.4160, 12.1199, -60.8778

Complementary

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



83.8730, 29.6426, 12.3894



125.1270, -29.6426, -12.3894

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.



63.4540, -5.6468, -55.6492



83.8730, 29.6426, 12.3894



75.6200, -37.2807, 10.8573

Square

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



83.8730, 29.6426, 12.3894



76.1680, -21.2818, 59.4887



68.6590, -29.9049, -21.6259



73.1610, 29.0076, -64.1622

Rectangle

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



83.8730, 29.6426, 12.3894



75.5580, 4.1619, 65.2856



68.6590, -29.9049, -21.6259



67.2330, 6.2941, -58.9633

Sweetspot

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



83.8730, 29.6426, 12.3894



163.3070, 11.1876, 4.9928



101.0080, 21.1951, -31.5790



80.4440, 6.6831, 3.1186



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.



83.8730, 29.6426, 12.3894



92.5700, 46.0610, 19.6711



95.5340, 23.8937, 36.3657



65.6950, 2.6154, 1.1445



32.1340, 50.7129, 20.9305



1.8090, 3.0522, 1.0445

Inverse Universe

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



93.8650, 8.4476, 43.9684



107.9850, 13.3184, 68.4192



113.4660, -23.8937, -36.3657



66.5490, 0.7153, 3.9035



49.3710, 14.6071, 75.0966



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 83.8730, 29.6426, 12.3894 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 83.8730, 29.6426, 12.3894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

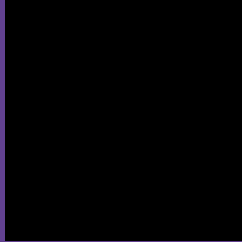
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.8730, 29.6426, 12.3894

Background



This preview shows how black text looks on a background with the YUV color 83.8730, 29.6426, 12.3894.



This preview shows how white text looks on a background with the YUV color 83.8730, 29.6426,

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

83.8730, 29.6426, 12.3894

Protanopia

75.2630, 41.2823, -34.4337

Deuteranopia

76.3420, 31.3834, -32.7489



Tritanopia

82.7770, 1.5889, 3.7036

Trichromacy



Original Color

83.8730, 29.6426, 12.3894

Protanomaly

78.6350, 37.1549, -17.2199

Deuteranomaly

78.6260, 30.7504, -16.3350

Tritanomaly

83.4320, 11.6190, 6.6371

Monochromacy



Original Color

83.8730, 29.6426, 12.3894

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.8940, 10.8983, 4.4780

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.8730, 29.6426, 12.3894 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(98, 65, 144)` looks like.

```
.text, #text, p{  
    color:rgb(98, 65, 144)  
}
```

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(98, 65, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 65, 144) }
```

Border

The CSS property to change the border of an element to YUV 83.8730, 29.6426, 12.3894 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(98, 65, 144) }
```


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

```
.border{ border-color:rgb(98, 65, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 65, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 65, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 65, 144);  
box-shadow:4px 4px 4px 4px rgb(98, 65,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 83.8730, 29.6426, 12.3894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 65, 144) }
```

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

```
.background{ background-color: rgb(98, 65,  
144) }
```

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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