

Converting Colors

YUV(72.9310, 35.0370, 8.8305)

Have a look what the booklet for
YUV(72.9310, 35.0370, 8.8305)
contains.

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Color

**YUV(72.9310, 35.0370,
8.8305)**

Conversions

Conversions Part 1

Format	Color
Hex	533690
RGB	83, 54, 144
RGB Percent	33%, 21%, 56%
CMY	0.6745, 0.7882, 0.4353
CMYK	0.42, 0.62, 0.00, 0.44
HSL	259°, 45%, 39%
HSV	259°, 62%, 56%
XYZ	9.9205, 6.4909, 27.1156
YIQ	72.9310, -11.6060, 34.1380

Conversions

Conversions Part 2

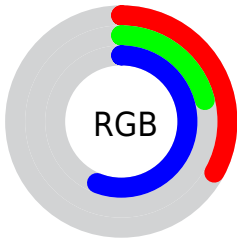
Format	Color
R_{YB}	83, 54, 144
Decimal	5453456
CIE _{Lab}	30.62, 34.47, -45.45
CIE _{LCh}	31, 57.046, 307.178
Yxy	6.4909, 0.2279, 0.1491
Android (android.graphics.Color)	4283643536 (0xFF533690)
YUV	72.9310, 35.0370, 8.8305
Hunter-Lab	25.4773, 24.9198, -45.2683

Details

The YUV color **72.9310, 35.0370, 8.8305** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **125.0690, -35.0370, -8.8305**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.5230, 37.2102, 11.8193**, and **23.6700, 34.1797, 3.7974** is the 20% darker color. If you saturate the color by 10%, you get **61.7230, 40.5626, 9.8899**, and if you desaturate by 10%, it is **84.1390, 29.5115, 7.7711**.

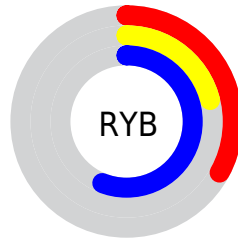
Distribution



Red (33%)

Green (21%)

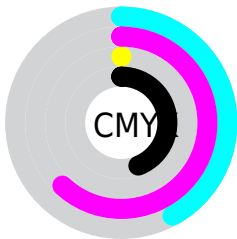
Blue (56%)



Red (33%)

Yellow (21%)

Blue (56%)

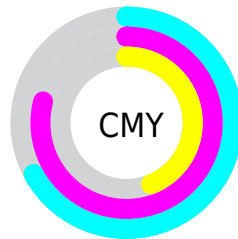


Cyan (42%)

Magenta (62%)

Yellow (0%)

Black (44%)



Cyan (67%)

Magenta (79%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.9310, 35.0370, 8.8305 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 72.9310, 35.0370, 8.8305 by changing the saturation by 10% instead.

72.9310, 35.0370,
8.8305

72.9310, 35.0370,
8.8305

255.0000, 0.0000,
0.0000

48.3930, 34.3163,
6.6713

123.5230, 37.2102,
11.8193

23.6700, 34.1797,
3.7974

150.0500, 37.9363,
12.2341

8.7630, 29.6968,
-5.0542

176.8760, 38.5151,
13.2637

6.8910, 18.7877,
-6.0434

201.3960, 26.4268,
17.1927

3.3230, 10.1938,
-2.9143

226.5030, 14.0490,
20.6069

0.0000, 0.0000,
0.0000

244.4340, 5.2090,

9.2664

■ 72.9310, 35.0370,
8.8305

■ 72.9310, 35.0370,
8.8305

■ 61.7230, 40.5626,
9.8899

■ 84.1390, 29.5115,
7.7711

■ 49.9280, 46.3775,
11.4641

■ 95.9340, 23.6965,
6.1969

■ 39.0190, 51.7556,
13.1383

■ 106.8430, 18.3184,
4.5227

■ 30.1700, 56.1182,
13.8829

■ 118.6380, 12.5035,
2.9485

■ 129.8460, 6.9779,
1.8891

■ 141.0540, 1.4524,
0.8296

■ 152.5500, -4.2152,
-1.3594

■ 163.7580, -9.7407,
-2.4188

■ 175.5530,
-15.5556, -3.9930

Harmonies

Analogous

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



62.4930, 49.0570, -54.8064



72.9310, 35.0370, 8.8305



64.3950, 21.4973, 58.4126

Triad

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



72.9310, 35.0370, 8.8305



67.5560, -33.3051, 42.4854



62.1780, 9.7722, -54.5301

Complementary

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



72.9310, 35.0370, 8.8305



125.0690, -35.0370, -8.8305

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.



56.2330, -10.4679, -49.3163



72.9310, 35.0370, 8.8305



67.3580, -33.2075, 11.0870

Square

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



72.9310, 35.0370, 8.8305



61.1630, -20.2934, 69.1400



57.6800, -28.4362, -26.0294



67.0800, 28.5546, -58.8292

Rectangle

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



72.9310, 35.0370, 8.8305



52.2470, 12.6962, 81.3444



57.6800, -28.4362, -26.0294



60.3540, 2.7835, -52.9305

Sweetspot

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



72.9310, 35.0370, 8.8305



158.2790, 13.6665, 3.2633



100.0670, 21.6590, -40.4008



77.4870, 8.1409, 2.2039



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.



72.9310, 35.0370, 8.8305



76.3010, 54.0816, 13.7680



86.0870, 28.5511, 35.8807



65.6950, 2.6154, 1.1445



28.5460, 52.4818, 13.5532



1.5100, 3.1996, 0.4297

Inverse Universe

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



87.8640, 13.3780, 49.2313



99.2770, 20.5694, 76.0561



111.9130, -28.5511, -35.8807



66.6630, 1.1521, 3.8035



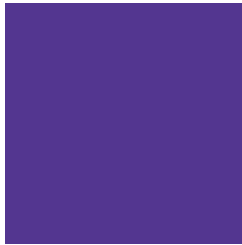
50.8530, 20.2855, 73.7969



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 72.9310, 35.0370, 8.8305 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 72.9310, 35.0370, 8.8305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

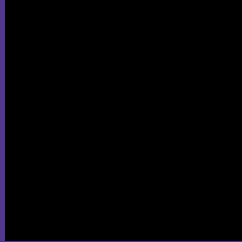
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.9310, 35.0370, 8.8305

Background



This preview shows how black text looks on a background with the YUV color 72.9310, 35.0370, 8.8305.



This preview shows how white text looks on a background with the YUV color 72.9310, 35.0370,

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

72.9310, 35.0370, 8.8305

Protanopia

57.9620, 44.3887, -50.8327

Deuteranopia

58.1440, 34.9320, -50.9923



Tritanopia

71.8900, 3.5052, -4.2885

Trichromacy



Original Color

72.9310, 35.0370, 8.8305

Protanomaly

63.2960, 41.2661, -29.2006

Deuteranomaly

63.5750, 34.7195, -29.4453

Tritanomaly

72.3110, 15.1297, 0.6043

Monochromacy



Original Color

72.9310, 35.0370, 8.8305

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.0510, 12.7929, 3.4633

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.9310, 35.0370, 8.8305 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(83, 54, 144)` looks like.

```
.text, #text, p{  
    color:rgb(83, 54, 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(83, 54, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 54, 144) }
```

Border

The CSS property to change the border of an element to YUV 72.9310, 35.0370, 8.8305 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(83, 54, 144) }
```


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

```
.border{ border-color:rgb(83, 54, 144) }
```

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

Here you see how a box with a 4 pixel rgb(83, 54, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 54, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 54, 144);  
box-shadow:4px 4px 4px 4px rgb(83, 54,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 72.9310, 35.0370, 8.8305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 54, 144) }
```

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

```
.background{ background-color: rgb(83, 54,  
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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