

Converting Colors

YUV(61.1300, 73.8859, 55.1370)

Have a look what the booklet for
YUV(61.1300, 73.8859, 55.1370)
contains.

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Color

**YUV(61.1300, 73.8859,
55.1370)**

Conversions

Conversions Part 1

Format	Color
Hex	7C00D3
RGB	124, 0, 211
RGB Percent	49%, 0%, 83%
CMY	0.5137, 1.0000, 0.1725
CMYK	0.41, 1.00, 0.00, 0.17
HSL	275°, 100%, 41%
HSV	275°, 100%, 83%
XYZ	20.0701, 8.9882, 62.3051
YIQ	61.1300, 6.1730, 91.9090

Conversions

Conversions Part 2

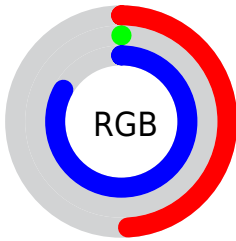
Format	Color
R_{YB}	124, 0, 211
Decimal	8126675
CIE Lab	35.96, 73.77, -76.45
CIE LCh	36, 106.240, 313.977
Yxy	8.9882, 0.2197, 0.0984
Android (android.graphics.Color)	4286316755 (0xFF7C00D3)
YUV	61.1300, 73.8859, 55.1370
Hunter-Lab	29.9804, 67.0293, -102.2300

Details

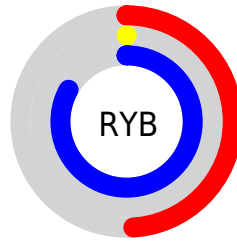
The YUV color **61.1300, 73.8859, 55.1370** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **149.8700, -73.8859, -55.1370**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.8720, 61.6881, 47.4703**, and **35.9090, 58.7119, 22.0048** is the 20% darker color. If you saturate the color by 10%, you get **61.1300, 73.8859, 55.1370**, and if you desaturate by 10%, it is **76.1480, 66.4820, 49.8592**.

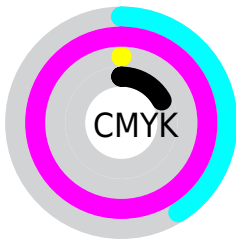
Distribution



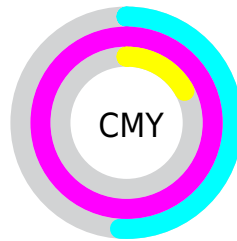
- Red (49%)
- Green (0%)
- Blue (83%)



- Red (49%)
- Yellow (0%)
- Blue (83%)



- Cyan (41%)
- Magenta (100%)
- Yellow (0%)
- Black (17%)



- Cyan (51%)
- Magenta (100%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.1300, 73.8859, 55.1370 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 61.1300, 73.8859, 55.1370 by changing the saturation by 10% instead.

61.1300, 73.8859,
55.1370

61.1300, 73.8859,
55.1370

255.0000, 0.0000,
0.0000

48.6690, 66.2252,
38.8783

129.8720, 61.6881,
47.4703

35.9090, 58.7119,
22.0048

156.1640, 48.7261,
51.5992

19.9740, 53.2568,
-1.7312

181.5700, 36.2010,
55.6281

11.6280, 44.5534,
-10.1978

200.9960, 26.6240,
47.3615

8.7780, 33.6334,
-7.6983

218.0190, 18.2316,
32.4323

8.9770, 21.7033,
-7.8728

235.0420, 9.8393,

4.7080, 12.9620,

17.5032

-4.1289

252.6520, 1.1576,
2.0592

0.1140, 0.4368,
-0.1000

0.0000, 0.0000,
0.0000

61.1300, 73.8859,
55.1370

76.1480, 66.4820,
49.8592

90.8670, 59.2256,
43.9666

105.8850, 51.8217,
38.6889

120.9030, 44.4178,
33.4111

■ 136.5080, 36.7246,
27.6185

■ 151.2270, 29.4681,
21.7259

■ 166.2450, 22.0642,
16.4481

■ 181.2630, 14.6603,
11.1703

■ 195.9820, 7.4039,
5.2778

Harmonies

Analogous

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



80.1390, 86.2065, -70.2819



61.1300, 73.8859, 55.1370



76.2720, 28.4599, 112.0175

Triad

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



61.1300, 73.8859, 55.1370



78.2540, -38.5792, 54.1512



80.4670, 21.4618, -70.5696

Complementary

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



61.1300, 73.8859, 55.1370



149.8700, -73.8859, -55.1370

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.



68.1040, -18.2923, -59.7272



61.1300, 73.8859, 55.1370



74.9120, -36.9316, -7.8158

Square

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



61.1300, 73.8859, 55.1370



57.4080, -28.3021, 118.0372



62.2220, -30.6754, -54.5687



90.2880, 56.5530, -79.1826

Rectangle

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



61.1300, 73.8859, 55.1370



74.3730, 1.7881, 126.8379



62.2220, -30.6754, -54.5687



76.5740, 9.0840, -67.1554

Sweetspot

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



61.1300, 73.8859, 55.1370



200.8200, 26.7107, 19.4519



75.7100, 66.6980, -66.3977



95.3170, 16.1127, 12.0000



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



61.1300, 73.8859, 55.1370



73.9200, 89.2724, 66.7222



85.0910, 53.1991, 110.4222



97.0480, 3.9203, 2.5889



48.7530, 58.7888, 44.0666



11.8500, 14.3709, 10.6555

Inverse Universe

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



73.0070, 6.8985, 121.0199



88.2150, 8.2750, 146.2704



125.9090, -53.1991, -110.4222



97.7450, 0.1257, 6.3626



58.0980, 5.3747, 96.3841



14.1970, 1.3819, 23.5062

Previews

White Background



This preview shows how the YUV color 61.1300, 73.8859, 55.1370 looks on a white background.

Color Contrast Check

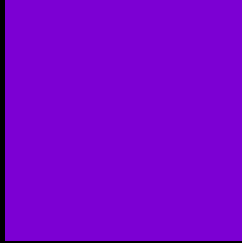
Large Text (above 18pt) WCAG AA ✓ Pass

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 61.1300, 73.8859, 55.1370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

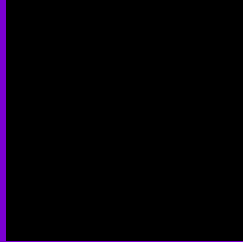
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.1300, 73.8859, 55.1370

Background



This preview shows how black text looks on a background with the YUV color 61.1300, 73.8859, 55.1370.



This preview shows how white text looks on a background with the YUV color 61.1300, 73.8859,

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



Deuteranopia

69.4570, 40.2007, -60.9138

Tritanopia

87.2830, 0.8465, 8.5218

Trichromacy



Deuteranomaly

66.6360, 52.4375, -18.9748

Tritanomaly

77.6790, 27.2733, 25.7145

Monochromacy



Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.2330, 27.0001, 19.9667

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.1300, 73.8859, 55.1370 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(124, 0, 211)` looks like.

```
.text, #text, p{  
    color:rgb(124, 0, 211)  
}
```

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(124, 0, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 0, 211) }
```

Border

The CSS property to change the border of an element to YUV 61.1300, 73.8859, 55.1370 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(124, 0, 211) }
```

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

```
.border{ border-color:rgb(124, 0, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 0, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 0, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 0, 211);  
box-shadow:4px 4px 4px 4px rgb(124, 0,  
211) }
```


Background

The CSS property to change the background color of an element to YUV 61.1300, 73.8859, 55.1370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 0, 211) }
```

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

```
.background{ background-color: rgb(124, 0,  
211) }
```

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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