

Converting Colors

YUV(49.9230, 71.0300, 37.7785)

Have a look what the booklet for
YUV(49.9230, 71.0300, 37.7785)
contains.

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Color

**YUV(49.9230, 71.0300,
37.7785)**

Conversions

Conversions Part 1

Format	Color
Hex	5D00C2
RGB	93, 0, 194
RGB Percent	36%, 0%, 76%
CMY	0.6353, 1.0000, 0.2392
CMYK	0.52, 1.00, 0.00, 0.24
HSL	269°, 100%, 38%
HSV	269°, 100%, 76%
XYZ	14.2518, 6.2222, 51.4888
YIQ	49.9230, -6.8460, 80.0500

Conversions

Conversions Part 2

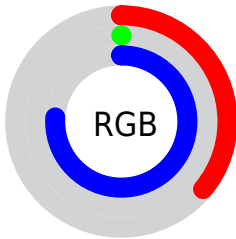
Format	Color
RYB	93, 0, 194
Decimal	6095042
CIELab	29.97, 67.50, -76.56
CIElCh	30, 102.072, 311.400
Yxy	6.2222, 0.1980, 0.0865
Android (android.graphics.Color)	4284285122 (0xFF5D00C2)
YUV	49.9230, 71.0300, 37.7785
Hunter-Lab	24.9443, 58.3324, -104.9223

Details

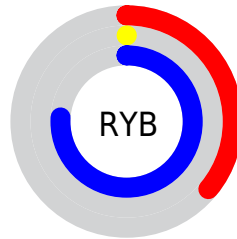
The YUV color **49.9230, 71.0300, 37.7785** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **144.0770, -71.0300, -37.7785**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.4510, 66.8257, 32.9305**, and **19.7330, 58.7986, -5.9048** is the 20% darker color. If you saturate the color by 10%, you get **49.9230, 71.0300, 37.7785**, and if you desaturate by 10%, it is **64.0660, 64.0575, 34.1451**.

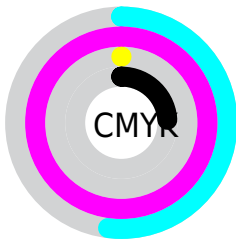
Distribution



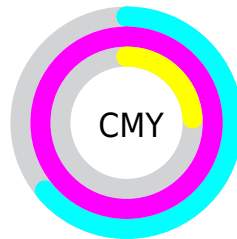
- Red (36%)
- Green (0%)
- Blue (76%)



- Red (36%)
- Yellow (0%)
- Blue (76%)



- Cyan (52%)
- Magenta (100%)
- Yellow (0%)
- Black (24%)



- Cyan (64%)
- Magenta (100%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.9230, 71.0300, 37.7785 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 49.9230, 71.0300, 37.7785 by changing the saturation by 10% instead.

49.9230, 71.0300,
37.7785

49.9230, 71.0300,
37.7785

255.0000, 0.0000,
0.0000

36.8640, 63.6640,
20.2903

116.4510, 66.8257,
32.9305

19.7330, 58.7986,
-5.9048

142.1990, 55.6109,
36.6595

12.7680, 48.9214,
-11.1975

167.0180, 43.3751,
41.2032

9.9180, 38.0014,
-8.6981

192.7230, 30.7026,
45.8469

10.5900, 25.3451,
-9.2874

212.1490, 21.1255,
37.5803


6.2070, 16.1669,
-5.4435


229.1720, 12.7332,


2.5250, 7.1362,


22.6512


-2.2144


 246.1950, 4.3409,
7.7220


 0.0000, 0.0000,
0.0000


 49.9230, 71.0300,
37.7785

 64.0660, 64.0575,
34.1451

 78.7960, 56.7956,
29.9969

 92.9390, 49.8231,
26.3635

 107.6690, 42.5612,
22.2153

 122.1110, 35.4413,
19.1967

■ 136.2540, 28.4688,
15.5632

■ 150.9840, 21.2069,
11.4150

■ 165.1270, 14.2344,
7.7816

■ 179.8570, 6.9725,
3.6334

Harmonies

Analogous

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



71.2880, 80.2170, -62.5196



49.9230, 71.0300, 37.7785



66.9450, 27.6351, 96.5182

Triad

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



49.9230, 71.0300, 37.7785



63.7900, -31.4485, 53.6812



67.2790, 16.6245, -59.0037

Complementary

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



49.9230, 71.0300, 37.7785



144.0770, -71.0300, -37.7785

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.



55.5030, -23.4190, -48.6761



49.9230, 71.0300, 37.7785



63.4270, -31.2695, -3.8825

Square

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



49.9230, 71.0300, 37.7785



51.4280, -25.3540, 105.7416



52.2430, -25.7558, -45.8171



77.8180, 49.3897, -68.2464

Rectangle

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



49.9230, 71.0300, 37.7785



66.1000, 2.4157, 112.1683



52.2430, -25.7558, -45.8171



64.0870, 4.3941, -56.2043

Sweetspot

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



49.9230, 71.0300, 37.7785



196.3140, 27.4532, 14.6336



82.5770, 54.9315, -72.4200



93.8220, 16.8498, 8.9261



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.



49.9230, 71.0300, 37.7785



64.9070, 92.2368, 49.1936



78.3280, 57.0263, 96.1823



89.6350, 3.6309, 2.0741



41.3770, 58.9741, 31.2414



8.5460, 12.0558, 6.5372

Inverse Universe

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



69.5200, 15.5196, 109.1690



90.2820, 20.0740, 141.8267



115.6720, -57.0263, -96.1823



90.5600, 0.7099, 5.6479



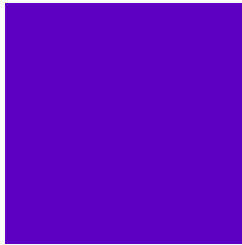
57.7150, 12.9585, 90.5809



11.8050, 2.5611, 18.5880

Previews

White Background



This preview shows how the YUV color 49.9230, 71.0300, 37.7785 looks on a white background.

Color Contrast Check

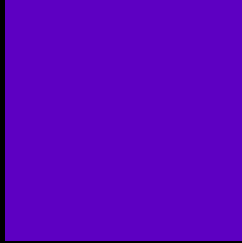
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.9230, 71.0300, 37.7785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

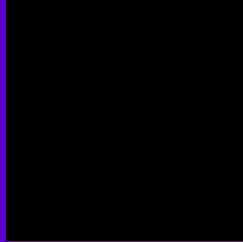
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.9230, 71.0300, 37.7785

Background



This preview shows how black text looks on a background with the YUV color 49.9230, 71.0300, 37.7785.



This preview shows how white text looks on a background with the YUV color 49.9230, 71.0300,

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



Protanopia

57.9620, 44.3887, -50.8327

Deuteranopia

58.3890, 33.3322, -51.2072

Tritanopia

71.6010, 5.1267, -11.0511

Trichromacy



Protanomaly

55.3910, 54.0372, -18.7599

Deuteranomaly

55.5560, 47.0539, -18.9046

Tritanomaly

63.4270, 29.3695, 6.6415

Monochromacy



Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.1460, 25.5640, 13.9040

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.9230, 71.0300, 37.7785 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(93, 0, 194)` looks like.

```
.text, #text, p{  
    color:rgb(93, 0, 194)  
}
```

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(93, 0, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 0, 194) }
```

Border

The CSS property to change the border of an element to YUV 49.9230, 71.0300, 37.7785 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(93, 0, 194) }
```

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

```
.border{ border-color:rgb(93, 0, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 0, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 0, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 0, 194);  
box-shadow:4px 4px 4px 4px rgb(93, 0, 194)  
}
```


Background

The CSS property to change the background color of an element to YUV 49.9230, 71.0300, 37.7785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 0, 194) }
```

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

```
.background{ background-color: rgb(93, 0,  
194) }
```

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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