

Converting Colors

YUV(47.0730, 39.8970, 36.7700)

Have a look what the booklet for
YUV(47.0730, 39.8970, 36.7700)
contains.

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Color

**YUV(47.0730, 39.8970,
36.7700)**

Conversions

Conversions Part 1

Format	Color
Hex	590A80
RGB	89, 10, 128
RGB Percent	35%, 4%, 50%
CMY	0.6510, 0.9608, 0.4980
CMYK	0.30, 0.92, 0.00, 0.50
HSL	280°, 86%, 27%
HSV	280°, 92%, 50%
XYZ	8.1246, 3.8994, 20.7465
YIQ	47.0730, 9.2060, 53.4460

Conversions

Conversions Part 2

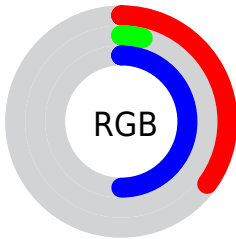
Format	Color
R_{YB}	89, 10, 128
Decimal	5835392
CIE _{Lab}	23.34, 50.70, -47.27
CIE _{LCh}	23, 69.316, 317.009
Yxy	3.8994, 0.2479, 0.1190
Android (android.graphics.Color)	4284025472 (0xFF590A80)
YUV	47.0730, 39.8970, 36.7700
Hunter-Lab	19.7470, 38.8842, -48.4681

Details

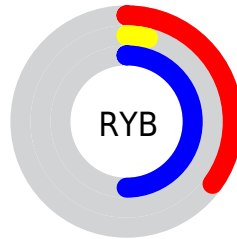
The YUV color **47.0730, 39.8970, 36.7700** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **90.9270, -39.8970, -36.7700**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.4210, 38.7394, 34.7108**, and **19.9550, 28.6162, 14.9485** is the 20% darker color. If you saturate the color by 10%, you get **40.3060, 43.2331, 40.0736**, and if you desaturate by 10%, it is **55.9000, 35.5453, 32.5367**.

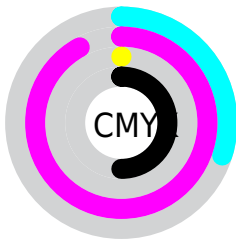
Distribution



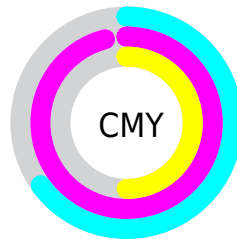
- Red (35%)
- Green (4%)
- Blue (50%)



- Red (35%)
- Yellow (4%)
- Blue (50%)



- Cyan (30%)
- Magenta (92%)
- Yellow (0%)
- Black (50%)



- Cyan (65%)
- Magenta (96%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.0730, 39.8970, 36.7700 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 47.0730, 39.8970, 36.7700 by changing the saturation by 10% instead.

■ 47.0730, 39.8970,
36.7700

■ 47.0730, 39.8970,
36.7700

■ 255.0000, 0.0000,
0.0000

■ 30.1660, 35.4142,
27.9184

■ 103.4210, 38.7394,
34.7108

■ 19.9550, 28.6162,
14.9485

■ 130.2470, 39.3182,
35.7404

■ 6.1560, 23.5871,
-5.3988

■ 157.3720, 39.7496,
37.3848

■ 4.8220, 13.3988,
-4.2289

■ 183.8300, 35.0868,
39.6141

■ 0.3420, 1.3104,
-0.2999


■ 208.0400, 23.1513,
41.1839


■ 0.0000, 0.0000,
0.0000


■ 224.4760, 15.0483,


26.7695


 241.4990, 6.6560,
11.8404


 47.0730, 39.8970,
36.7700


 47.0730, 39.8970,
36.7700


 40.3060, 43.2331,
40.0736

 55.9000, 35.5453,
32.5367

 64.7270, 31.1936,
28.3034

 73.2660, 26.9839,
25.1997

 82.0930, 22.6322,
20.9664

 90.9200, 18.2804,
16.7332

■ 99.7470, 13.9287,
12.4999

■ 108.8730, 9.4296,
8.8814

■ 117.1130, 5.3673,
5.1629

■ 125.9400, 1.0156,
0.9296

Harmonies

Analogous

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



49.7100, 53.3870, -43.5957



47.0730, 39.8970, 36.7700



48.5880, 15.4861, 73.1523

Triad

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



47.0730, 39.8970, 36.7700



52.4280, -25.8470, 30.3196



53.1280, 15.7129, -46.5933

Complementary

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



47.0730, 39.8970, 36.7700



90.9270, -39.8970, -36.7700

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.



46.2710, -8.0216, -40.5797



47.0730, 39.8970, 36.7700



48.6530, -23.9859, -6.7117

Square

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



47.0730, 39.8970, 36.7700



36.1790, -17.8362, 74.3880



41.0900, -20.2574, -36.0359



58.4860, 36.2424, -51.2922

Rectangle

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



47.0730, 39.8970, 36.7700



46.9190, 0.0399, 80.7550



41.0900, -20.2574, -36.0359



51.0760, 7.8505, -44.7937

Sweetspot

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



47.0730, 39.8970, 36.7700



133.6270, 15.9599, 14.3591



46.3450, 40.2559, -31.8746



64.8730, 9.4296, 8.8814



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



47.0730, 39.8970, 36.7700



52.1130, 56.1463, 51.6439



56.4540, 25.4122, 62.7458



59.2930, 2.3206, 2.3740



40.0070, 43.3805, 39.4589



0.0000, 0.0000, 0.0000

Inverse Universe

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



49.7280, -0.3589, 68.6445



55.9040, -0.4457, 96.5542



81.5460, -25.4122, -62.7458



59.3210, -0.1583, 4.1035



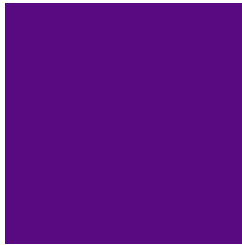
43.0600, -0.5226, 74.4924



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 47.0730, 39.8970, 36.7700 looks on a white background.

Color Contrast Check

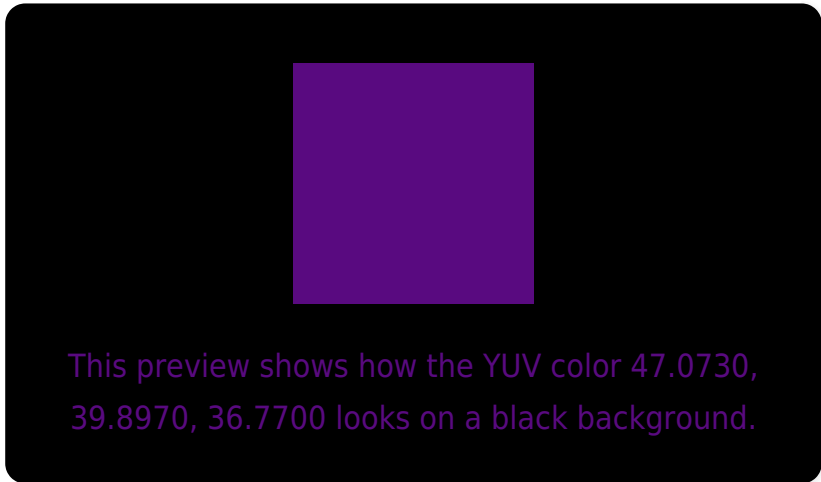
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

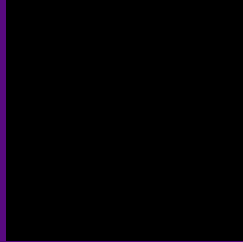
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.0730, 39.8970, 36.7700

Background



This preview shows how black text looks on a background with the YUV color 47.0730, 39.8970, 36.7700.



This preview shows how white text looks on a background with the YUV color 47.0730, 39.8970,

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

47.0730, 39.8970, 36.7700

Protanopia

46.3240, 35.3363, -40.6261

Deuteranopia

46.2610, 27.4793, -40.5709



Tritanopia

58.8170, -2.3748, 15.0695

Trichromacy



Original Color

47.0730, 39.8970, 36.7700

Protanomaly

46.3690, 37.2861, -12.6016

Deuteranomaly

46.2890, 31.9025, -12.5315

Tritanomaly

54.5850, 13.0226, 23.1660

Monochromacy



Original Color

47.0730, 39.8970, 36.7700

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.1600, 14.2181, 13.0147

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.0730, 39.8970, 36.7700 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(89, 10, 128)` looks like.

```
.text, #text, p{  
    color:rgb(89, 10, 128)  
}
```

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(89, 10, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 10, 128) }
```

Border

The CSS property to change the border of an element to YUV 47.0730, 39.8970, 36.7700 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(89, 10, 128) }
```


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

```
.border{ border-color:rgb(89, 10, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 10, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 10, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 10, 128);  
box-shadow:4px 4px 4px 4px rgb(89, 10,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 47.0730, 39.8970, 36.7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 10, 128) }
```

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

```
.background{ background-color: rgb(89, 10,  
128) }
```

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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