

Converting Colors

YUV(96.3730, 48.1301, 9.3199)

Have a look what the booklet for
YUV(96.3730, 48.1301, 9.3199)
contains.

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Color

**YUV(96.3730, 48.1301,
9.3199)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 6B48C2 |
| RGB | 107, 72, 194 |
| RGB Percent | 42%, 28%, 76% |
| CMY | 0.5804, 0.7176, 0.2392 |
| CMYK | 0.45, 0.63, 0.00, 0.24 |
| HSL | 257°, 50%, 52% |
| HSV | 257°, 63%, 76% |
| XYZ | 18.1184, 11.6556, 52.3337 |
| YIQ | 96.3730, -18.3020, 45.3620 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 107, 72, 194 |
| Decimal | 7030978 |
| CIELab | 40.66, 43.52, -58.97 |
| CIELCh | 41, 73.290, 306.429 |
| Yxy | 11.6556, 0.2207, 0.1420 |
| Android (android.graphics.Color) | 4285221058 (0xFF6B48C2) |
| YUV | 96.3730, 48.1301, 9.3199 |
| Hunter-Lab | 34.1403, 34.9852, -66.9877 |

Details

The YUV color **96.3730, 48.1301, 9.3199** is a dark color, and the websafe version is hex **663399**.

The color can be described as dark muted purple.

A complement of this color would be **169.6270, -48.1301, -9.3199**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is

149.2640, 50.1558, 12.9235, and **44.2860,**

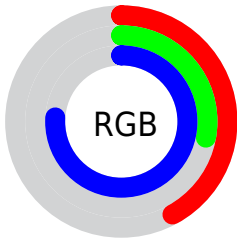
46.6940, 3.2572 is the 20% darker color. If you

saturnate the color by 10%, you get **81.0340,**

55.6922, 10.4942, and if you desaturate by 10%,

it is **111.7120, 40.5680, 8.1456**.

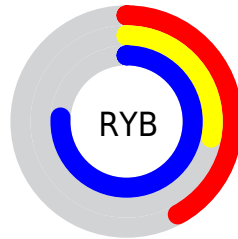
Distribution



Red (42%)

Green (28%)

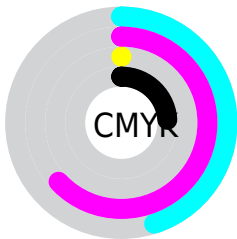
Blue (76%)



Red (42%)

Yellow (28%)

Blue (76%)

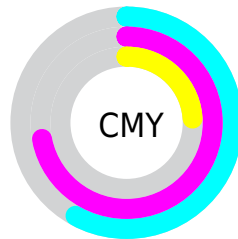


Cyan (45%)

Magenta (63%)

Yellow (0%)

Black (24%)



Cyan (58%)

Magenta (72%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.3730, 48.1301, 9.3199 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 96.3730, 48.1301, 9.3199 by changing the saturation by 10% instead.

96.3730, 48.1301,
9.3199

96.3730, 48.1301,
9.3199

255.0000, 0.0000,
0.0000

70.4220, 47.1200,
6.6459

149.2640, 50.1558,
12.9235

44.2860, 46.6940,
3.2572

174.2400, 39.8147,
16.4525

13.7790, 48.9160,
-9.4532

198.7600, 27.7263,
20.3815

10.0320, 38.4382,
-8.7981

223.5790, 15.4906,
24.9252

9.5300, 26.3607,
-8.3578

241.4990, 6.6560,
11.8404

6.3210, 16.6037,
-5.5435

2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 96.3730, 48.1301,
9.3199

■ 96.3730, 48.1301,
9.3199

■ 81.0340, 55.6922,
10.4942

■ 111.7120, 40.5680,
8.1456

■ 65.1080, 63.5438,
12.1833

■ 127.6380, 32.7165,
6.4565

■ 49.7690, 71.1059,
13.3576

■ 142.9770, 25.1543,
5.2822

■ 38.8600, 76.4840,
15.0318

■ 158.6040, 17.4502,
2.9783

■ 173.9430, 9.8881,
1.8040

■ 189.2820, 2.3260,
0.6297

■ 205.2080, -5.5255,
-1.0594

■ 220.5470,
-13.0877, -2.2337

■ 236.4730,
-20.9392, -3.9228

Harmonies

Analogous

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



83.4380, 65.8461, -73.1751



96.3730, 48.1301, 9.3199



80.8830, 31.6097, 81.6636

Triad

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



96.3730, 48.1301, 9.3199



89.4840, -44.1156, 56.5805



82.7520, 12.4473, -72.5735

Complementary

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



96.3730, 48.1301, 9.3199



169.6270, -48.1301, -9.3199

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.



74.1680, -15.3658, -65.0453



96.3730, 48.1301, 9.3199



89.2200, -43.9855, 14.7161

Square

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



96.3730, 48.1301, 9.3199



77.7750, -25.0321, 95.7903



75.3230, -37.1342, -36.2403



89.4780, 38.2183, -78.4722

Rectangle

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



96.3730, 48.1301, 9.3199



69.7910, 17.8510, 108.0543



75.3230, -37.1342, -36.2403



80.3580, 3.2745, -70.4740

Sweetspot

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



96.3730, 48.1301, 9.3199



213.6580, 18.9026, 3.8079



136.9770, 28.1123, -56.9848



104.1110, 11.7773, 2.5337



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.



96.3730, 48.1301, 9.3199



100.6920, 74.5948, 14.3021



114.6120, 39.1383, 46.8213



89.0370, 3.9258, 0.8446



32.1080, 63.5438, 12.1833



6.7520, 12.9403, 2.8485

Inverse Universe

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



118.3960, 20.0178, 66.3047



134.9010, 31.1078, 102.6958



151.3880, -39.1383, -46.8213



90.7880, 1.5835, 5.4479



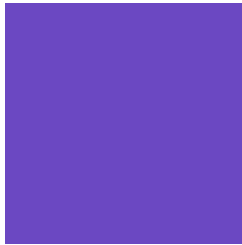
61.2490, 26.4992, 87.4816



12.6030, 5.6187, 17.8882

Previews

White Background



This preview shows how the YUV color 96.3730, 48.1301, 9.3199 looks on a white background.

Color Contrast Check

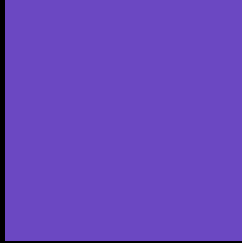
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 96.3730, 48.1301, 9.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

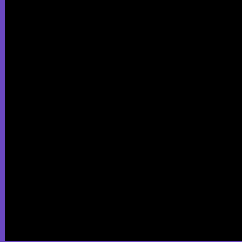
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.3730, 48.1301, 9.3199

Background



This preview shows how black text looks on a background with the YUV color 96.3730, 48.1301, 9.3199.



This preview shows how white text looks on a background with the YUV color 96.3730, 48.1301,

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

96.3730, 48.1301, 9.3199

Protanopia

76.3480, 58.9884, -66.9572

Deuteranopia

76.9060, 45.8953, -67.4466



Tritanopia

94.7260, 5.5581, -9.4067

Trichromacy



Original Color

96.3730, 48.1301, 9.3199

Protanomaly

83.7860, 54.8285, -39.2773

Deuteranomaly

84.3100, 46.6822, -39.7369

Tritanomaly

95.4830, 20.9609, -3.0546

Monochromacy



Original Color

96.3730, 48.1301, 9.3199

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.0170, 17.7396, 3.4931

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.3730, 48.1301, 9.3199 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(107, 72, 194)` looks like.

```
.text, #text, p{  
    color:rgb(107, 72, 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(107, 72, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 72, 194) }
```

Border

The CSS property to change the border of an element to YUV 96.3730, 48.1301, 9.3199 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(107, 72, 194) }
```


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

```
.border{ border-color:rgb(107, 72, 194) }
```

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

Here you see how a box with a 4 pixel rgb(107, 72, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 72, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 72, 194);  
box-shadow:4px 4px 4px 4px rgb(107, 72,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 96.3730, 48.1301, 9.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 72, 194) }
```

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

```
.background{ background-color: rgb(107, 72,  
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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