

Converting Colors

YUV(48.0370, 37.9428, 56.9726)

Have a look what the booklet for
YUV(48.0370, 37.9428, 56.9726)
contains.

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Color

**YUV(48.0370, 37.9428,
56.9726)**

Conversions

Conversions Part 1

Format	Color
Hex	71007D
RGB	113, 0, 125
RGB Percent	44%, 0%, 49%
CMY	0.5569, 1.0000, 0.5098
CMYK	0.10, 1.00, 0.00, 0.51
HSL	294°, 100%, 25%
HSV	294°, 100%, 49%
XYZ	10.5117, 4.9914, 19.8114
YIQ	48.0370, 27.2230, 62.8310

Conversions

Conversions Part 2

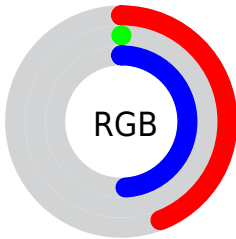
Format	Color
R_{YB}	113, 0, 125
Decimal	7405693
CIE Lab	26.71, 55.91, -39.69
CIE LCh	27, 68.564, 324.626
Yxy	4.9914, 0.2977, 0.1413
Android (android.graphics.Color)	4285595773 (0xFF71007D)
YUV	48.0370, 37.9428, 56.9726
Hunter-Lab	22.3414, 44.8876, -36.9370

Details

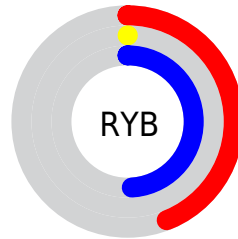
The YUV color **48.0370, 37.9428, 56.9726** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **76.9630, -37.9428, -56.9726**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.0270, 33.0177, 49.9653**, and **26.4900, 23.9154, 29.3883** is the 20% darker color. If you saturate the color by 10%, you get **48.0370, 37.9428, 56.9726**, and if you desaturate by 10%, it is **55.3800, 34.3227, 51.4097**.

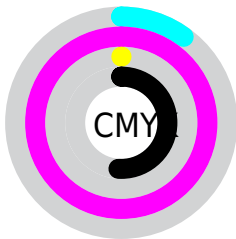
Distribution



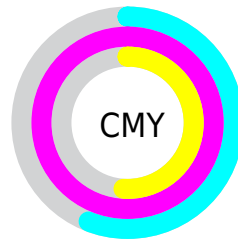
- Red (44%)
- Green (0%)
- Blue (49%)



- Red (44%)
- Yellow (0%)
- Blue (49%)



- Cyan (10%)
- Magenta (100%)
- Yellow (0%)
- Black (51%)



- Cyan (56%)
- Magenta (100%)
- Yellow (51%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.0370, 37.9428, 56.9726 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 48.0370, 37.9428, 56.9726 by changing the saturation by 10% instead.

■ 48.0370, 37.9428,
56.9726

■ 48.0370, 37.9428,
56.9726

■ 255.0000, 0.0000,
0.0000

■ 37.1140, 31.0028,
42.8730

■ 111.0270, 33.0177,
49.9653

■ 26.4900, 23.9154,
29.3883

■ 138.7390, 33.1597,
51.0949

■ 16.6920, 17.4068,
16.9331

■ 166.5650, 33.7385,
52.1245

■ 4.4800, 12.0884,
-3.9290

■ 193.3650, 30.3861,
54.0539

■ 0.0000, 0.0000,
0.0000

■ 209.8010, 22.2831,
39.6395

■ 226.8240, 13.8908,

24.7104

■ 243.8470, 5.4984,
9.7812

■ 48.0370, 37.9428,
56.9726

■ 55.3800, 34.3227,
51.4097

■ 63.3100, 30.4132,
45.3321

■ 71.5390, 26.3563,
39.8693

■ 78.8820, 22.7362,
34.3065

■ 86.8120, 18.8267,
28.2289

■ 94.1550, 15.2066,
22.6661

■ 101.4980, 11.5865,
17.1033

■ 109.7270, 7.5296,
11.6404

■ 117.6570, 3.6201,
5.5628

Harmonies

Analogous

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



50.0520, 54.6974, -43.8956



48.0370, 37.9428, 56.9726



51.9050, 11.3858, 81.6443

Triad

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



48.0370, 37.9428, 56.9726



59.7600, -29.4617, 23.0125



60.8050, 22.2811, -53.3260

Complementary

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



48.0370, 37.9428, 56.9726



76.9630, -37.9428, -56.9726

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.



54.0620, -1.0166, -47.4124



48.0370, 37.9428, 56.9726



53.0170, -26.1374, -16.6779

Square

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



48.0370, 37.9428, 56.9726



52.6260, -25.9446, 61.7180



46.3730, -22.8619, -40.6691



65.2340, 41.7896, -57.2102

Rectangle

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



48.0370, 37.9428, 56.9726



48.9260, -3.9075, 86.8879



46.3730, -22.8619, -40.6691



58.8670, 14.8556, -51.6264

Sweetspot

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



48.0370, 37.9428, 56.9726



132.7420, 14.9172, 22.1513



21.2940, 51.1271, -18.6748



63.4930, 9.1240, 13.5996



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



48.0370, 37.9428, 56.9726



62.8340, 49.3818, 74.6906



45.9250, 14.3340, 69.3488



59.5920, 2.1731, 2.9888



48.9770, 38.9583, 57.9022



0.0000, 0.0000, 0.0000

Inverse Universe

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



38.7430, -13.1843, 75.6474



50.5610, -17.0386, 98.6090



79.0750, -14.3340, -69.3488



59.2070, -0.5951, 4.2035



39.6400, -13.6265, 77.4917



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 48.0370, 37.9428, 56.9726 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

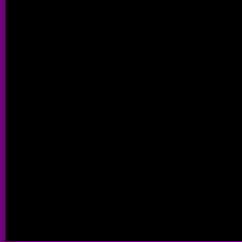
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.0370, 37.9428, 56.9726

Background



This preview shows how black text looks on a background with the YUV color 48.0370, 37.9428, 56.9726.



This preview shows how white text looks on a background with the YUV color 48.0370, 37.9428,

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

53.0720, 40.8835, -46.5441

Deuteranopia

59.6470, 28.7680, -33.8934

Tritanopia

65.7870, -6.7970, 33.5128

Trichromacy



Protanomaly

51.3740, 39.7486, -9.0980

Deuteranomaly

55.1810, 32.4488, -1.0357

Tritanomaly

59.1960, 9.7634, 41.9241

Monochromacy



Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.3890, 13.6122, 20.7068

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.0370, 37.9428, 56.9726 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(113, 0, 125)` looks like.

```
.text, #text, p{  
    color:rgb(113, 0, 125)  
}
```

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(113, 0, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 0, 125) }
```

Border

The CSS property to change the border of an element to YUV 48.0370, 37.9428, 56.9726 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(113, 0, 125) }
```

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

```
.border{ border-color:rgb(113, 0, 125) }
```

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

Here you see how a box with a 4 pixel rgb(113, 0, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 0, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 0, 125);  
box-shadow:4px 4px 4px 4px rgb(113, 0,  
125) }
```


Background

The CSS property to change the background color of an element to YUV 48.0370, 37.9428, 56.9726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 0, 125) }
```

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

```
.background{ background-color: rgb(113, 0,  
125) }
```

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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