

Converting Colors

YUV(43.9370, 42.9221, 46.5363)

Have a look what the booklet for
YUV(43.9370, 42.9221, 46.5363)
contains.

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Color

**YUV(43.9370, 42.9221,
46.5363)**

Conversions

Conversions Part 1

Format	Color
Hex	610083
RGB	97, 0, 131
RGB Percent	38%, 0%, 51%
CMY	0.6196, 1.0000, 0.4863
CMYK	0.26, 1.00, 0.00, 0.49
HSL	284°, 100%, 26%
HSV	284°, 100%, 51%
XYZ	9.0265, 4.1801, 21.8038
YIQ	43.9370, 15.7610, 61.3050

Conversions

Conversions Part 2

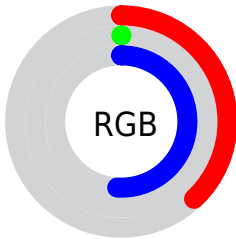
Format	Color
RYB	97, 0, 131
Decimal	6357123
CIELab	24.26, 54.59, -47.60
CIElCh	24, 72.430, 318.916
Yxy	4.1801, 0.2578, 0.1194
Android (android.graphics.Color)	4284547203 (0xFF610083)
YUV	43.9370, 42.9221, 46.5363
Hunter-Lab	20.4452, 43.0279, -48.9181

Details

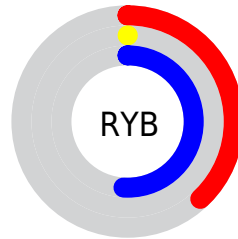
The YUV color **43.9370, 42.9221, 46.5363** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **87.0630, -42.9221, -46.5363**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.2800, 39.3020, 40.9734**, and **22.2760, 28.4579, 19.0519** is the 20% darker color. If you saturate the color by 10%, you get **43.9370, 42.9221, 46.5363**, and if you desaturate by 10%, it is **52.4650, 38.7178, 41.6882**.

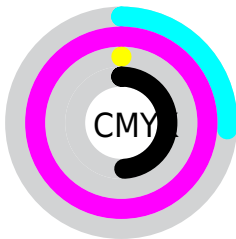
Distribution



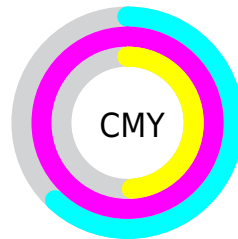
- Red (38%)
- Green (0%)
- Blue (51%)



- Red (38%)
- Yellow (0%)
- Blue (51%)



- Cyan (26%)
- Magenta (100%)
- Yellow (0%)
- Black (49%)



- Cyan (62%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.9370, 42.9221, 46.5363 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 43.9370, 42.9221, 46.5363 by changing the saturation by 10% instead.

43.9370, 42.9221,
46.5363

43.9370, 42.9221,
46.5363

255.0000, 0.0000,
0.0000

32.9000, 35.5453,
32.5367

105.2800, 39.3020,
40.9734

22.2760, 28.4579,
19.0519

132.1060, 39.8807,
42.0030

10.9830, 22.6864,
3.5229

159.9320, 40.4595,
43.0326

5.0500, 14.2723,
-4.4289

185.9340, 34.0495,
45.6619

0.9120, 3.4944,
-0.7998

207.4530, 23.4407,
41.6987

0.0000, 0.0000,
0.0000

223.8890, 15.3377,

27.2843

240.9120, 6.9454,
12.3552

43.9370, 42.9221,
46.5363

52.4650, 38.7178,
41.6882

61.2920, 34.3660,
37.4549

69.8200, 30.1617,
32.6069

78.6470, 25.8100,
28.3736

87.7620, 21.3163,
23.0107

■ 96.2900, 17.1120,
18.1627

■ 105.1170, 12.7603,
13.9294

■ 113.6450, 8.5560,
9.0813

■ 122.4720, 4.2043,
4.8481

Harmonies

Analogous

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



50.3940, 56.0078, -44.1955



43.9370, 42.9221, 46.5363



50.6810, 14.4543, 77.4558

Triad

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



43.9370, 42.9221, 46.5363



54.4880, -26.8626, 29.3900



55.6870, 17.9023, -48.8375

Complementary

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



43.9370, 42.9221, 46.5363



87.0630, -42.9221, -46.5363

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.



48.6020, -6.7058, -42.6240



43.9370, 42.9221, 46.5363



49.5170, -24.4119, -10.1004

Square

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



43.9370, 42.9221, 46.5363



37.0760, -18.2785, 76.2323



42.8510, -21.1255, -37.5803



61.2730, 39.3054, -53.7364

Rectangle

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



43.9370, 42.9221, 46.5363



48.4850, -1.7181, 84.6437



42.8510, -21.1255, -37.5803



53.5210, 9.6031, -46.9379

Sweetspot

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



43.9370, 42.9221, 46.5363



137.1760, 16.6752, 18.2626



35.4790, 47.0919, -31.1151



65.8240, 10.4398, 11.5554



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



43.9370, 42.9221, 46.5363



57.4670, 55.9718, 60.9804



50.5690, 24.3695, 70.5380



62.1790, 1.8838, 2.4740



43.5240, 42.6327, 46.0215



0.9400, 1.0156, 0.9296

Inverse Universe

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



43.0450, -4.4592, 77.1365



56.1450, -5.9875, 100.7278



80.4310, -24.3695, -70.5380



61.9080, -0.4476, 3.5887



42.7460, -4.3118, 76.5218



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 43.9370, 42.9221, 46.5363 looks on a white background.

Color Contrast Check

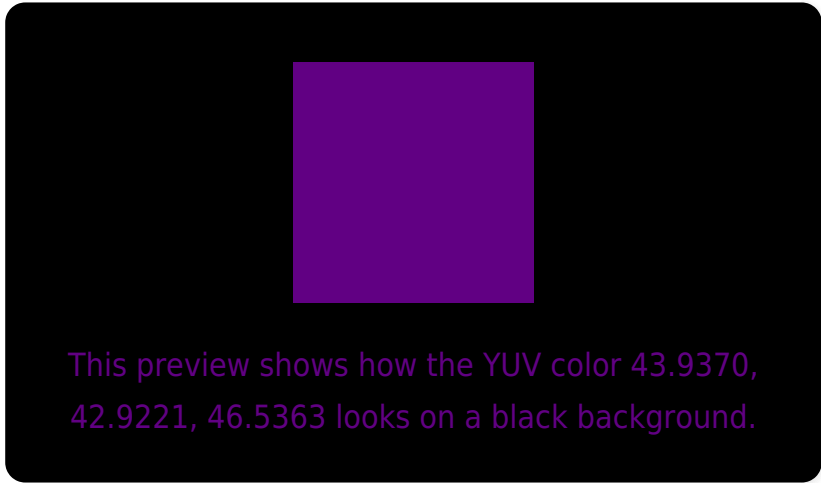
Large Text (above 18pt) WCAG AA ✓ Pass

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

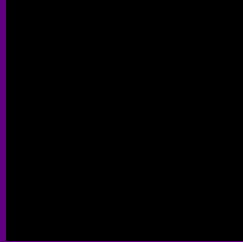
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.9370, 42.9221, 46.5363

Background



This preview shows how black text looks on a background with the YUV color 43.9370, 42.9221, 46.5363.



This preview shows how white text looks on a background with the YUV color 43.9370, 42.9221,

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

48.7690, 37.0889, -42.7704

Deuteranopia

49.2930, 28.9426, -43.2300

Tritanopia

61.6220, -3.2646, 20.5025

Trichromacy



Protanomaly

47.2490, 39.3172, -10.7424

Deuteranomaly

47.1690, 33.9337, -10.6722

Tritanomaly

54.8570, 13.8745, 29.9434

Monochromacy



Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

43.9370, 15.8071, 16.7183

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.9370, 42.9221, 46.5363 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(97, 0, 131)` looks like.

```
.text, #text, p{  
    color:rgb(97, 0, 131)  
}
```

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(97, 0, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 0, 131) }
```

Border

The CSS property to change the border of an element to YUV 43.9370, 42.9221, 46.5363 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(97, 0, 131) }
```

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

```
.border{ border-color:rgb(97, 0, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 0, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 0, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 0, 131);  
box-shadow:4px 4px 4px 4px rgb(97, 0, 131)  
}
```


Background

The CSS property to change the background color of an element to YUV 43.9370, 42.9221, 46.5363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 0, 131) }
```

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

```
.background{ background-color: rgb(97, 0,  
131) }
```

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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