

Converting Colors

YUV(52.3430, 30.3969, 50.5652)

Have a look what the booklet for
YUV(52.3430, 30.3969, 50.5652)
contains.

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Color

**YUV(52.3430, 30.3969,
50.5652)**

Conversions

Conversions Part 1

Format	Color
Hex	6E0B72
RGB	110, 11, 114
RGB Percent	43%, 4%, 45%
CMY	0.5686, 0.9569, 0.5529
CMYK	0.04, 0.90, 0.00, 0.55
HSL	298°, 82%, 25%
HSV	298°, 90%, 45%
XYZ	9.5873, 4.7692, 16.3348
YIQ	52.3430, 25.9410, 53.0210

Conversions

Conversions Part 2

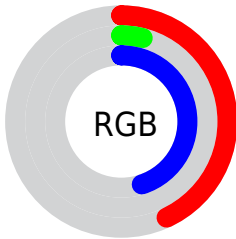
Format	Color
RYB	110, 11, 114
Decimal	7211890
CIELab	26.07, 51.43, -33.74
CIElCh	26, 61.508, 326.731
Yxy	4.7692, 0.3124, 0.1554
Android (android.graphics.Color)	4285401970 (0xFF6E0B72)
YUV	52.3430, 30.3969, 50.5652
Hunter-Lab	21.8386, 40.1455, -29.0607

Details

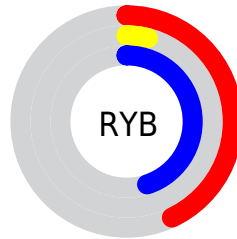
The YUV color **52.3430, 30.3969, 50.5652** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **72.6570, -30.3969, -50.5652**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.5230, 27.3502, 47.7763**, and **24.7520, 19.8423, 29.1585** is the 20% darker color. If you saturate the color by 10%, you get **45.8860, 33.5802, 56.2280**, and if you desaturate by 10%, it is **58.8000, 27.2136, 44.9024**.

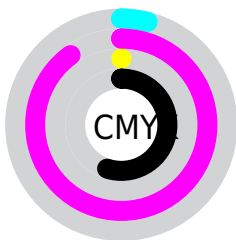
Distribution



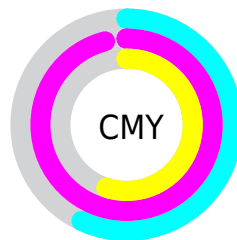
- Red (43%)
- Green (4%)
- Blue (45%)



- Red (43%)
- Yellow (4%)
- Blue (45%)



- Cyan (4%)
- Magenta (90%)
- Yellow (0%)
- Black (55%)



- Cyan (57%)
- Magenta (96%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.3430, 30.3969, 50.5652 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 52.3430, 30.3969, 50.5652 by changing the saturation by 10% instead.

52.3430, 30.3969,
50.5652

52.3430, 30.3969,
50.5652

255.0000, 0.0000,
0.0000

35.2620, 26.4928,
42.7432

110.5230, 27.3502,
47.7763

24.7520, 19.8423,
29.1585

137.3490, 27.9289,
48.8059

15.0680, 13.7705,
16.6034

165.0610, 28.0709,
49.9355

2.8670, 8.4466,
-2.5144

192.8870, 28.6497,
50.9651


0.0000, 0.0000,
0.0000


210.9750, 21.7043,
38.6099


227.4110, 13.6014,


24.1956


 244.4340, 5.2090,
9.2664

 52.3430, 30.3969,
50.5652


 52.3430, 30.3969,
50.5652

 45.8860, 33.5802,
56.2280

 58.8000, 27.2136,
44.9024

 66.1430, 23.5935,
39.3396

 72.6000, 20.4102,
33.6768

 79.9430, 16.7901,
28.1140

 86.4000, 13.6068,
22.4512

■ 93.1560, 10.2761,
17.4032

■ 100.2000, 6.8034,
11.2256

■ 106.9560, 3.4727,
6.1776

■ 114.0000, 0.0000,
0.0000

Harmonies

Analogous

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



55.3550, 45.1810, -24.8673



52.3430, 30.3969, 50.5652



48.8290, 9.9443, 77.3260

Triad

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



52.3430, 30.3969, 50.5652



58.2650, -28.7246, 19.9386



58.7020, 21.8389, -51.4817

Complementary

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



52.3430, 30.3969, 50.5652



72.6570, -30.3969, -50.5652

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.



52.6430, 1.1620, -46.1679



52.3430, 30.3969, 50.5652



51.8430, -25.5586, -15.6483

Square

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



52.3430, 30.3969, 50.5652



54.3430, -26.7911, 53.1962



45.1990, -22.2831, -39.6395



61.8600, 39.0160, -54.2512

Rectangle

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



52.3430, 30.3969, 50.5652



46.0070, -3.4545, 81.5549



45.1990, -22.2831, -39.6395



56.9920, 15.2869, -49.9820

Sweetspot

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



52.3430, 30.3969, 50.5652



123.9220, 11.8705, 19.3624



25.6770, 43.5432, -12.8717



59.6130, 7.0928, 11.7404



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



52.3430, 30.3969, 50.5652



59.3300, 43.7143, 72.5016



48.2950, 9.7146, 57.6233



52.4780, 1.7363, 3.0888



48.0650, 35.4640, 58.7020



99.3200, 72.8062, 121.6224

Inverse Universe

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



42.2530, -13.4357, 62.9221



44.9360, -19.1954, 90.3871



76.7050, -9.7146, -57.6233



51.9080, -0.4476, 3.5887



36.4500, -15.5048, 73.2734



74.9930, -32.0415, 150.8501

Previews

White Background



This preview shows how the YUV color 52.3430, 30.3969, 50.5652 looks on a white background.

Color Contrast Check

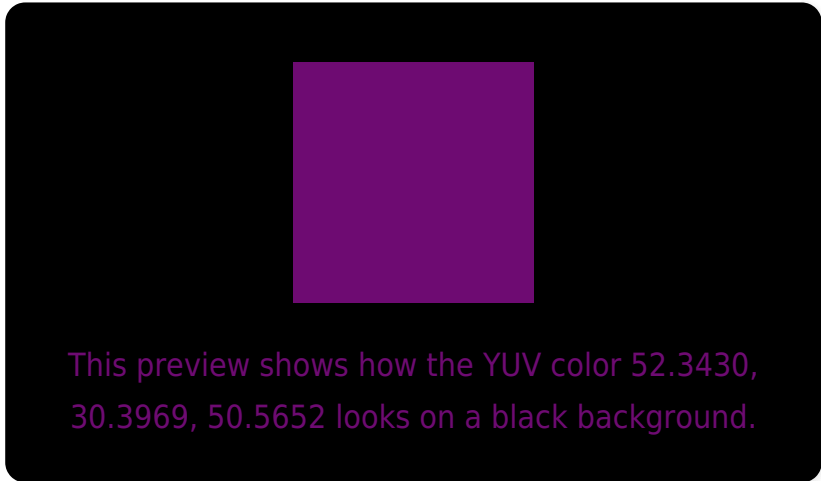
Large Text (above 18pt) WCAG AA ✓ Pass

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

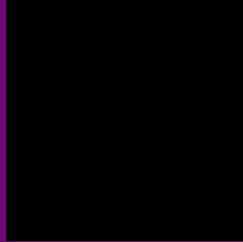
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.3430, 30.3969, 50.5652

Background



This preview shows how black text looks on a background with the YUV color 52.3430, 30.3969, 50.5652.



This preview shows how white text looks on a background with the YUV color 52.3430, 30.3969,

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

52.3430, 30.3969, 50.5652

Protanopia

51.3280, 39.2783, -45.0147

Deuteranopia

60.8180, 22.7677, -22.6424



Tritanopia

63.3850, -7.0918, 34.7424

Trichromacy



Original Color

52.3430, 30.3969, 50.5652

Protanomaly

51.4510, 36.2597, -10.0425

Deuteranomaly

57.4930, 25.8860, 3.9526

Tritanomaly

59.3870, 6.7112, 40.8796

Monochromacy



Original Color

52.3430, 30.3969, 50.5652

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.0960, 11.2917, 18.3328

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.3430, 30.3969, 50.5652 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(110, 11, 114)` looks like.

```
.text, #text, p{  
    color:rgb(110, 11, 114)  
}
```

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(110, 11, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 11, 114) }
```

Border

The CSS property to change the border of an element to YUV 52.3430, 30.3969, 50.5652 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(110, 11, 114) }
```


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

```
.border{ border-color:rgb(110, 11, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 11, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 11, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 11, 114);  
box-shadow:4px 4px 4px 4px rgb(110, 11,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 52.3430, 30.3969, 50.5652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 11, 114) }
```

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

```
.background{ background-color: rgb(110, 11,  
114) }
```

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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