

# Converting Colors

YUV(43.5070, 24.8930, 42.5284)

Have a look what the booklet for  
YUV(43.5070, 24.8930, 42.5284)  
contains.

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# Color

**YUV(43.5070, 24.8930,  
42.5284)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C095E
RGB	92, 9, 94
RGB Percent	36%, 4%, 37%
CMY	0.6392, 0.9647, 0.6314
CMYK	0.02, 0.90, 0.00, 0.63
HSL	299°, 83%, 20%
HSV	299°, 90%, 37%
XYZ	6.5317, 3.2788, 10.8783
YIQ	43.5070, 22.1830, 44.0310

# Conversions

## Conversions Part 2

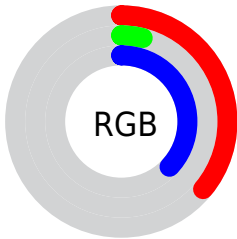
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 9, 94
Decimal	6031710
CIE <sub>Lab</sub>	21.13, 44.77, -28.79
CIE <sub>LCh</sub>	21, 53.226, 327.255
Yxy	3.2788, 0.3157, 0.1585
Android (android.graphics.Color)	4284221790 (0xFF5C095E)
YUV	43.5070, 24.8930, 42.5284
Hunter-Lab	18.1076, 32.6997, -22.9438

# Details

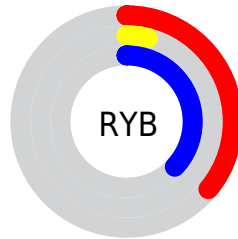
The YUV color **43.5070, 24.8930, 42.5284** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **59.4930, -24.8930, -42.5284**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.6270, 22.8619, 40.6691**, and **18.9270, 14.3330, 22.8660** is the 20% darker color. If you saturate the color by 10%, you get **38.2240, 27.4976, 47.1616**, and if you desaturate by 10%, it is **48.7900, 22.2885, 37.8952**.

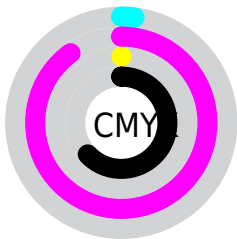
# Distribution



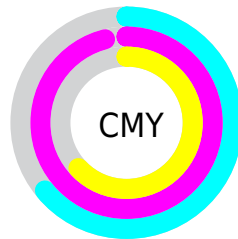
- Red (36%)
- Green (4%)
- Blue (37%)



- Red (36%)
- Yellow (4%)
- Blue (37%)



- Cyan (2%)
- Magenta (90%)
- Yellow (0%)
- Black (63%)



- Cyan (64%)
- Magenta (96%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 43.5070, 24.8930, 42.5284 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 43.5070, 24.8930, 42.5284 by changing the saturation by 10% instead.



43.5070, 24.8930,  
42.5284

43.5070, 24.8930,  
42.5284

255.0000, 0.0000,  
0.0000

27.7140, 20.8470,  
33.5768

98.6270, 22.8619,  
40.6691

18.9270, 14.3330,  
22.8660

124.7520, 23.2933,  
42.3135

3.5620, 11.0619,  
-1.3699

152.0510, 23.1459,  
42.9283


0.0000, 0.0000,  
0.0000

179.1760, 23.5772,  
44.5726


206.2790, 24.0195,  
42.7283


222.7150, 15.9165,

28.3139


 239.1510, 7.8136,  
13.8996


 43.5070, 24.8930,  
42.5284


 43.5070, 24.8930,  
42.5284


 38.2240, 27.4976,  
47.1616

 48.7900, 22.2885,  
37.8952

 54.6600, 19.3946,  
32.7472

 60.2420, 16.6427,  
28.7288

 66.1120, 13.7488,  
23.5808

 71.3950, 11.1443,  
18.9476

■ 76.6780, 8.5397,  
14.3144

■ 82.8470, 5.4984,  
9.7812

■ 88.1300, 2.8939,  
5.1480

■ 94.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



46.3360, 37.3024, -17.8347



43.5070, 24.8930, 42.5284



40.4700, 7.6563, 64.4858

# Triad

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



43.5070, 24.8930, 42.5284



48.2090, -23.7670, 16.4797



48.5460, 18.4648, -42.5748

# Complementary

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



43.5070, 24.8930, 42.5284



59.4930, -24.8930, -42.5284

# 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.



43.9860, 0.9929, -38.5757



43.5070, 24.8930, 42.5284



42.7060, -21.0541, -13.7742

# Square

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



43.5070, 24.8930, 42.5284



44.8410, -22.1066, 43.9894



36.9810, -18.2316, -32.4323



51.4930, 32.2950, -45.1594



# Rectangle

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



43.5070, 24.8930, 42.5284



37.9190, -3.4111, 67.6000



36.9810, -18.2316, -32.4323



47.0640, 12.7864, -41.2751

# Sweetspot

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



43.5070, 24.8930, 42.5284



102.6290, 9.5499, 16.9884



20.4510, 36.2597, -10.0425



49.8470, 5.4984, 9.7812



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000



# Same Dimension

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



43.5070, 24.8930, 42.5284



49.7880, 35.6005, 61.5759



39.5450, 7.1263, 47.7570



43.0650, 1.4470, 2.5740



44.5330, 32.2752, 54.7836



96.3860, 69.3227, 118.9335



# Inverse Universe

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



34.6430, -11.6560, 52.0561



36.8200, -16.6733, 74.7029



63.4550, -7.1263, -47.7570



42.4950, -0.7370, 3.0739



33.2320, -14.9044, 67.3255

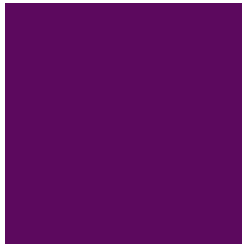


71.5470, -32.3147, 145.1023



# Previews

## White Background



This preview shows how the YUV color 43.5070, 24.8930, 42.5284 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

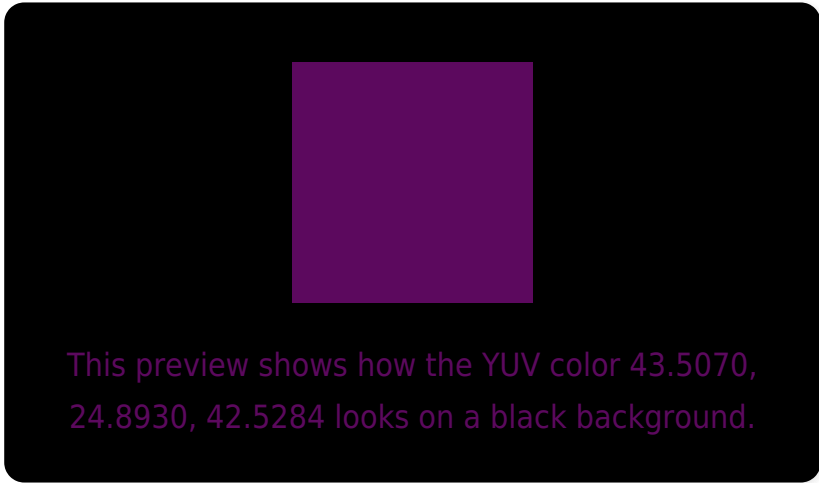
Any Text WCAG AA ✓ Pass

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

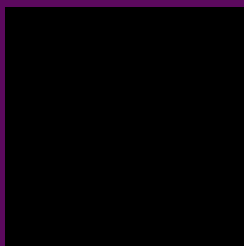
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 43.5070, 24.8930, 42.5284

## Background



This preview shows how black text looks on a background with the YUV color 43.5070, 24.8930, 42.5284.



This preview shows how white text looks on a background with the YUV color 43.5070, 24.8930,



# 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

43.5070, 24.8930, 42.5284

### Protanopia

42.9500, 32.5627, -37.6671

### Deuteranopia

50.7000, 18.3889, -18.1539



## Tritanopia

52.5800, -6.2019, 29.3093

# Trichromacy



## Original Color

43.5070, 24.8930, 42.5284

## Protanomaly

42.8550, 30.1445, -8.6428

## Deuteranomaly

48.4130, 20.5024, 4.0228

## Tritanomaly

49.0010, 5.4225, 34.2021

# Monochromacy



## Original Color

43.5070, 24.8930, 42.5284

## Achromatopsia

44.0000, 0.0000, 0.0000

## Achromatomaly

43.5040, 9.1185, 15.3440

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 43.5070, 24.8930, 42.5284 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(92, 9, 94)` looks like.

```
.text, #text, p{  
    color:rgb(92, 9, 94)  
}
```

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(92, 9, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 9, 94) }
```

## Border

The CSS property to change the border of an element to YUV 43.5070, 24.8930, 42.5284 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(92, 9, 94) }
```



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

```
.border{ border-color:rgb(92, 9, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 9, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 9, 94); -webkit-box-shadow:4px  
4px 4px 4px rgb(92, 9, 94); box-shadow:4px  
4px 4px 4px rgb(92, 9, 94) }
```

# Background

The CSS property to change the background color of an element to YUV 43.5070, 24.8930, 42.5284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 9, 94) }
```

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

```
.background{ background-color: rgb(92, 9,  
94) }
```

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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