

# Converting Colors

YUV(45.5530, 5.1504, 74.9370)

Have a look what the booklet for  
YUV(45.5530, 5.1504, 74.9370)  
contains.

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# Color

**YUV(45.5530, 5.1504,  
74.9370)**

# Conversions

## Conversions Part 1

Format	Color
Hex	830038
RGB	131, 0, 56
RGB Percent	51%, 0%, 22%
CMY	0.4863, 1.0000, 0.7804
CMYK	0.00, 1.00, 0.57, 0.49
HSL	334°, 100%, 26%
HSV	334°, 100%, 51%
XYZ	10.0739, 5.1108, 4.1969
YIQ	45.5530, 60.1000, 45.1880

# Conversions

## Conversions Part 2

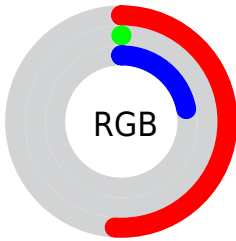
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 0, 56
Decimal	8585272
CIE Lab	27.05, 51.07, 6.66
CIE LCh	27, 51.503, 7.432
Yxy	5.1108, 0.5198, 0.2637
Android (android.graphics.Color)	4286775352 (0xFF830038)
YUV	45.5530, 5.1504, 74.9370
Hunter-Lab	22.6071, 39.9783, 4.8181

# Details

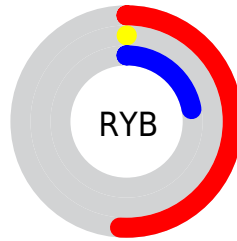
The YUV color **45.5530, 5.1504, 74.9370** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **85.4470, -5.1504, -74.9370**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.7560, -2.8377, 70.3740**, and **23.9070, -5.3772, 44.8086** is the 20% darker color. If you saturate the color by 10%, you get **45.5530, 5.1504, 74.9370**, and if you desaturate by 10%, it is **53.9820, 4.4459, 67.5448**.

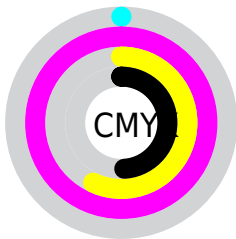
# Distribution



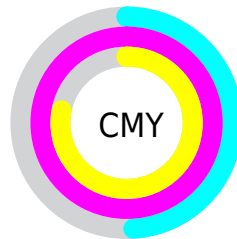
- Red (51%)
- Green (0%)
- Blue (22%)



- Red (51%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (57%)
- Black (49%)



- Cyan (49%)
- Magenta (100%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 45.5530, 5.1504, 74.9370 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 45.5530, 5.1504, 74.9370 by changing the saturation by 10% instead.



■ 45.5530, 5.1504,  
74.9370

■ 45.5530, 5.1504,  
74.9370

255.0000, 0.0000,  
0.0000

■ 34.7870, 0.1050,  
59.8228

■ 108.7560, -2.8377,  
70.3740

■ 23.9070, -5.3772,  
44.8086

■ 136.3110, -4.5903,  
72.5183

■ 14.8790, -6.3493,  
29.9241

■ 164.0940, -5.4693,  
74.4626

■ 0.0000, 0.0000,  
0.0000


■ 185.4020, -2.6632,  
61.0374


■ 205.0300, 1.4642,  
43.8237


■ 224.6580, 5.5916,

26.6099

 243.8470, 5.4984,  
9.7812


 45.5530, 5.1504,  
74.9370

 53.9820, 4.4459,  
67.5448

 62.5250, 4.1782,  
60.0526

 70.9540, 3.4737,  
52.6603

 79.4970, 3.2060,  
45.1681

 88.5130, 2.2121,  
37.2611

■ 97.0560, 1.9444,  
29.7689

■ 105.4850, 1.2399,  
22.3767

■ 114.0280, 0.9722,  
14.8844

■ 122.4570, 0.2677,  
7.4922

# Harmonies

## Analogous

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



57.5530, 18.4614, 52.1350



45.5530, 5.1504, 74.9370



54.9770, -18.2297, 60.5332

# Triad

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



45.5530, 5.1504, 74.9370



50.9130, -25.1001, -22.7257



60.2300, 37.8476, -52.8217

# Complementary

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



45.5530, 5.1504, 74.9370



85.4470, -5.1504, -74.9370

# 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.



59.6140, 25.3333, -52.2815



45.5530, 5.1504, 74.9370



49.9070, -9.3212, -43.7684

# Square

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



45.5530, 5.1504, 74.9370



59.9710, -29.5657, 9.6724



55.2820, 8.7350, -48.4823



55.0440, 43.3623, -48.2736



# Rectangle

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



45.5530, 5.1504, 74.9370



58.4300, -28.8060, 46.1039



55.2820, 8.7350, -48.4823



60.7200, 34.6480, -53.2514

# Sweetspot

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



45.5530, 5.1504, 74.9370



137.7570, 2.0918, 29.1541



37.0600, 46.3124, 32.3964



66.1640, 1.3981, 18.2732



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.



45.5530, 5.1504, 74.9370



59.4510, 6.6797, 97.8285



44.4520, -21.9148, 75.9026



62.1360, 0.4260, 3.3887



45.2540, 5.2978, 74.3222



1.0110, -0.0054, 1.7444



# Inverse Universe

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



45.5530, 5.1504, 74.9370



59.4510, 6.6797, 97.8285



86.5480, 21.9148, -75.9026



62.1360, 0.4260, 3.3887



45.2540, 5.2978, 74.3222

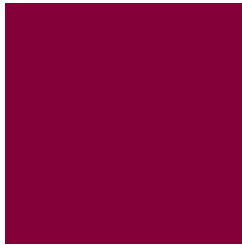


1.0110, -0.0054, 1.7444



# Previews

## White Background



This preview shows how the YUV color 45.5530, 5.1504, 74.9370 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

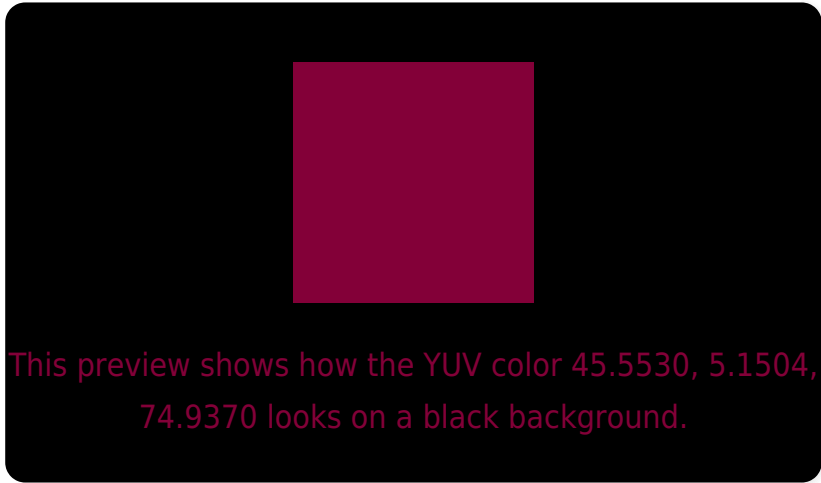
Any Text WCAG AA ✓ Pass

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 45.5530, 5.1504, 74.9370

## Background



This preview shows how black text looks on a background with the YUV color 45.5530, 5.1504, 74.9370.



This preview shows how white text looks on a background with the YUV color 45.5530, 5.1504,



# 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

45.5530, 5.1504, 74.9370

### Protanopia

67.6990, 6.5574, -3.2440

### Deuteranopia

67.8890, -8.3263, 10.6213



## Tritanopia

54.2920, -15.9200, 66.3959

# Trichromacy



## Original Color

45.5530, 5.1504, 74.9370

## Protanomaly

59.7610, 6.0338, 24.7656

## Deuteranomaly

59.7100, -3.3080, 34.4573

## Tritanomaly

50.9640, -8.3633, 69.3146

# Monochromacy



## Original Color

45.5530, 5.1504, 74.9370

## Achromatopsia

46.0000, 0.0000, 0.0000

## Achromatomaly

45.7460, 2.0972, 27.4098

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 45.5530, 5.1504, 74.9370 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(131, 0, 56)` looks like.

```
.text, #text, p{  
  color:rgb(131, 0, 56)  
}
```

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(131, 0, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 0, 56) }
```

## Border

The CSS property to change the border of an element to YUV 45.5530, 5.1504, 74.9370 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(131, 0, 56) }
```



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

```
.border{ border-color:rgb(131, 0, 56) }
```

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

Here you see how a box with a 4 pixel rgb(131, 0, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 0, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 0, 56);  
box-shadow:4px 4px 4px 4px rgb(131, 0, 56)  
}
```

# Background

The CSS property to change the background color of an element to YUV 45.5530, 5.1504, 74.9370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 0, 56) }
```

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

```
.background{ background-color: rgb(131, 0,  
56) }
```

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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