

# Converting Colors

YUV(43.9590, 9.3872, 69.3190)

Have a look what the booklet for  
YUV(43.9590, 9.3872, 69.3190)  
contains.

<b>YUV(43.9590, 9.3872, 69.3190)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(43.9590, 9.3872,  
69.3190)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B003F
RGB	123, 0, 63
RGB Percent	48%, 0%, 25%
CMY	0.5176, 1.0000, 0.7529
CMYK	0.00, 1.00, 0.49, 0.52
HSL	329°, 100%, 24%
HSV	329°, 100%, 48%
XYZ	9.0656, 4.5698, 5.1069
YIQ	43.9590, 53.0850, 45.6690

# Conversions

## Conversions Part 2

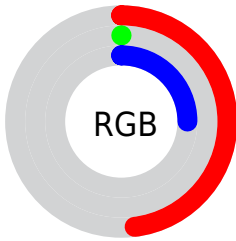
Format	Color
<b>R<sub>YB</sub></b>	123, 0, 63
Decimal	8060991
CIE Lab	25.47, 49.69, -0.62
CIE LCh	25, 49.693, 359.282
Yxy	4.5698, 0.4837, 0.2438
Android (android.graphics.Color)	4286251071 (0xFF7B003F)
YUV	43.9590, 9.3872, 69.3190
Hunter-Lab	21.3772, 38.2878, 0.8000

# Details

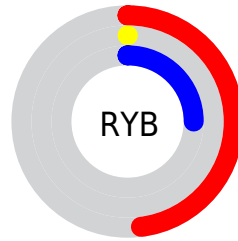
The YUV color **43.9590, 9.3872, 69.3190** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **79.0410, -9.3872, -69.3190**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.6890, 2.1253, 65.1707**, and **22.7260, -0.8509, 39.7053** is the 20% darker color. If you saturate the color by 10%, you get **43.9590, 9.3872, 69.3190**, and if you desaturate by 10%, it is **51.6870, 8.5353, 62.5415**.

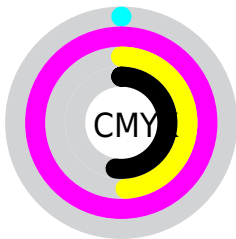
# Distribution



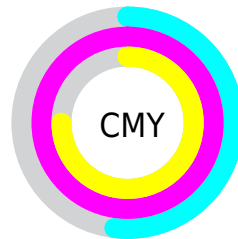
- Red (48%)
- Green (0%)
- Blue (25%)



- Red (48%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (49%)
- Black (52%)



- Cyan (52%)
- Magenta (100%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 43.9590, 9.3872, 69.3190 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 43.9590, 9.3872, 69.3190 by changing the saturation by 10% instead.



■ 43.9590, 9.3872,  
69.3190

■ 43.9590, 9.3872,  
69.3190

■ 255.0000, 0.0000,  
0.0000

■ 33.0790, 3.9051,  
54.3047

■ 105.6890, 2.1253,  
65.1707

■ 22.7260, -0.8509,  
39.7053

■ 133.1730, 1.3937,  
66.5003

■ 12.9710, -5.9017,  
26.3354

■ 160.9560, 0.5147,  
68.4446

■ 0.0000, 0.0000,  
0.0000

■ 184.6670, 2.1362,  
61.6820

■ 204.2950, 6.2636,  
44.4683

■ 224.5100, 10.1016,

26.7397

■ 242.0860, 6.3666,  
11.3256

■ 43.9590, 9.3872,  
69.3190

■ 51.6870, 8.5353,  
62.5415

■ 60.0020, 7.3940,  
55.2492

■ 67.7300, 6.5421,  
48.4718

■ 75.4580, 5.6902,  
41.6943

■ 83.7730, 4.5489,  
34.4021

■ 91.5010, 3.6970,  
27.6246

■ 99.2290, 2.8451,  
20.8472

■ 106.9570, 1.9932,  
14.0697

■ 115.2720, 0.8519,  
6.7775

# Harmonies

## Analogous

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



58.0460, 20.6833, 39.4247



43.9590, 9.3872, 69.3190



49.1220, -11.3991, 63.0370

# Triad

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



43.9590, 9.3872, 69.3190



51.5770, -25.4275, -11.0300



57.6880, 33.1848, -50.5924

# Complementary

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



43.9590, 9.3872, 69.3190



79.0410, -9.3872, -69.3190

# 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.



55.6700, 20.3757, -48.8226



43.9590, 9.3872, 69.3190



45.4900, -13.5526, -39.8947

# Square

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



43.9590, 9.3872, 69.3190



57.3570, -28.2770, 16.3499



51.2240, 3.3406, -44.9234



54.3600, 40.7415, -47.6737



# Rectangle

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



43.9590, 9.3872, 69.3190



53.7340, -26.4909, 50.2223



51.2240, 3.3406, -44.9234



57.3630, 29.4010, -50.3074

# Sweetspot

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



43.9590, 9.3872, 69.3190



129.5010, 3.6970, 27.6246



31.6630, 45.0291, 23.9745



62.6800, 2.1298, 16.9436



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.



43.9590, 9.3872, 69.3190



57.4870, 12.0849, 90.7809



37.0050, -17.2575, 75.4176



57.1360, 0.4260, 3.3887



44.6710, 9.5292, 70.4485



90.0540, 19.2004, 142.0266



# Inverse Universe

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



43.9590, 9.3872, 69.3190



57.4870, 12.0849, 90.7809



85.9950, 17.2575, -75.4176



57.1360, 0.4260, 3.3887



44.6710, 9.5292, 70.4485

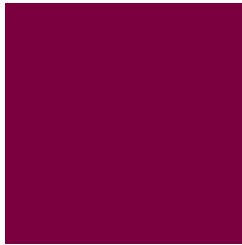


90.0540, 19.2004, 142.0266



# Previews

## White Background



This preview shows how the YUV color 43.9590, 9.3872, 69.3190 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

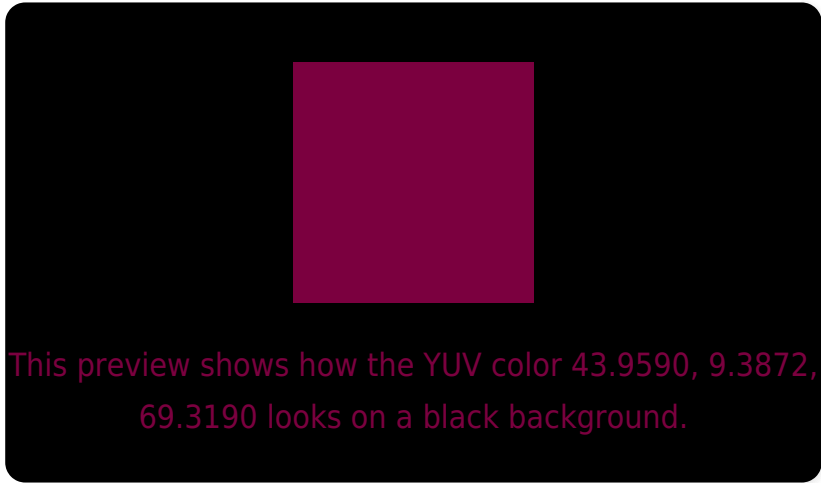
Any Text WCAG AA ✓ Pass

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

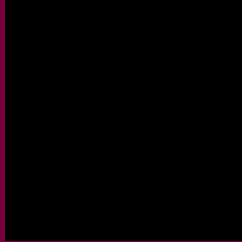
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 43.9590, 9.3872, 69.3190

## Background



This preview shows how black text looks on a background with the YUV color 43.9590, 9.3872, 69.3190.



This preview shows how white text looks on a background with the YUV color 43.9590, 9.3872,



# 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

43.9590, 9.3872, 69.3190

### Protanopia

63.8000, 13.4096, -7.7176

### Deuteranopia

64.8330, -3.3687, 7.1625



## Tritanopia

53.7040, -14.1511, 59.0186

# Trichromacy



## Original Color

43.9590, 9.3872, 69.3190

## Protanomaly

56.6340, 12.0124, 20.4920

## Deuteranomaly

56.9420, 1.5076, 29.8689

## Tritanomaly

50.3160, -5.5788, 62.8669

# Monochromacy



## Original Color

43.9590, 9.3872, 69.3190

## Achromatopsia

44.0000, 0.0000, 0.0000

## Achromatomaly

44.0770, 3.4130, 25.3655

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 43.9590, 9.3872, 69.3190 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(123, 0, 63)` looks like.

```
.text, #text, p{  
    color:rgb(123, 0, 63)  
}
```

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(123, 0, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 0, 63) }
```

## Border

The CSS property to change the border of an element to YUV 43.9590, 9.3872, 69.3190 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(123, 0, 63) }
```



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

```
.border{ border-color:rgb(123, 0, 63) }
```

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

Here you see how a box with a 4 pixel rgb(123, 0, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 0, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 0, 63);  
box-shadow:4px 4px 4px 4px rgb(123, 0, 63)  
}
```

# Background

The CSS property to change the background color of an element to YUV 43.9590, 9.3872, 69.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 0, 63) }
```

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

```
.background{ background-color: rgb(123, 0,  
63) }
```

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](#).

# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor