

# Converting Colors

YUV(43.5180, 8.1256, 53.9197)

Have a look what the booklet for  
YUV(43.5180, 8.1256, 53.9197)  
contains.

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# Color

**YUV(43.5180, 8.1256,  
53.9197)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	69093C
RGB	105, 9, 60
RGB Percent	41%, 4%, 24%
CMY	0.5882, 0.9647, 0.7647
CMYK	0.00, 0.91, 0.43, 0.59
HSL	328°, 84%, 22%
HSV	328°, 91%, 41%
XYZ	6.7390, 3.5249, 4.6001
YIQ	43.5180, 40.8450, 36.2130

# Conversions

## Conversions Part 2

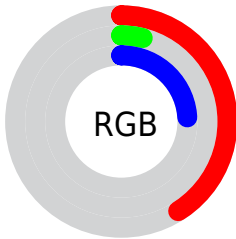
<b>Format</b>	<b>Color</b>
<b>RYB</b>	105, 9, 60
Decimal	6883644
CIELab	22.03, 43.01, -4.08
CIElCh	22, 43.199, 354.579
Yxy	3.5249, 0.4534, 0.2371
Android (android.graphics.Color)	4285073724 (0xFF69093C)
YUV	43.5180, 8.1256, 53.9197
Hunter-Lab	18.7747, 31.2154, -1.3849

# Details

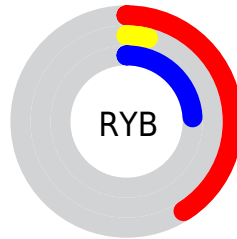
The YUV color **43.5180, 8.1256, 53.9197** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **70.4820, -8.1256, -53.9197**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.3670, 3.7631, 53.1751**, and **18.1980, -0.0976, 31.3984** is the 20% darker color. If you saturate the color by 10%, you get **37.7790, 8.9830, 58.9528**, and if you desaturate by 10%, it is **50.5450, 7.1263, 47.7570**.

# Distribution



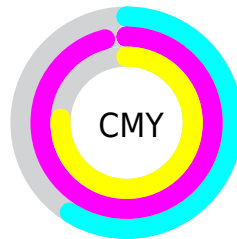
- Red (41%)
- Green (4%)
- Blue (24%)



- Red (41%)
- Yellow (4%)
- Blue (24%)



- Cyan (0%)
- Magenta (91%)
- Yellow (43%)
- Black (59%)



- Cyan (59%)
- Magenta (96%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 43.5180, 8.1256, 53.9197 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 43.5180, 8.1256, 53.9197 by changing the saturation by 10% instead.



43.5180, 8.1256,  
53.9197

43.5180, 8.1256,  
53.9197

255.0000, 0.0000,  
0.0000

27.6540, 5.1006,  
44.1534

99.3670, 3.7631,  
53.1751

18.1980, -0.0976,  
31.3984

125.8510, 3.0315,  
54.5047

5.9800, -2.9481,  
12.2955

152.7480, 2.5892,  
56.3490


0.0000, 0.0000,  
0.0000


180.6450, 2.1470,  
58.1933


202.0780, 5.3845,  
46.4126

221.7060, 9.5119,

29.1988

 240.3250, 7.2348,  
12.8700

 43.5180, 8.1256,  
53.9197

 43.5180, 8.1256,  
53.9197

 37.7790, 8.9830,  
58.9528

 50.5450, 7.1263,  
47.7570

 56.9850, 6.4164,  
42.1092

 63.4250, 5.7065,  
36.4613

 70.4520, 4.7072,  
30.2986

 76.8920, 3.9972,  
24.6507

■ 83.9190, 2.9979,  
18.4880

■ 90.2450, 1.8512,  
12.9401

■ 97.2720, 0.8519,  
6.7775

■ 103.7120, 0.1420,  
1.1296

# Harmonies

## Analogous

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



52.6980, 18.3899, 28.3289



43.5180, 8.1256, 53.9197



43.6910, -7.7357, 54.6450

# Triad

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



43.5180, 8.1256, 53.9197



46.8920, -23.1178, -5.1673



50.1250, 27.0534, -43.9596

# Complementary

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



43.5180, 8.1256, 53.9197



70.4820, -8.1256, -53.9197

# 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.



47.7480, 15.4072, -41.8750



43.5180, 8.1256, 53.9197



38.8220, -13.7162, -34.0469

# Square

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



43.5180, 8.1256, 53.9197



49.9920, -24.6461, 18.4240



43.9860, 0.9929, -38.5757



47.9710, 34.0313, -42.0706



# Rectangle

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



43.5180, 8.1256, 53.9197



47.1940, -20.8016, 45.4339



43.9860, 0.9929, -38.5757



49.8000, 23.2696, -43.6746

# Sweetspot

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



43.5180, 8.1256, 53.9197



114.2290, 2.8451, 20.8472



33.3990, 35.2993, 18.0671



54.9460, 1.9986, 12.3254



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000



# Same Dimension

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



43.5180, 8.1256, 53.9197



49.5840, 11.5441, 77.5408



38.0460, -12.8407, 58.7187



50.1360, 0.4260, 3.3887



42.0510, 9.8349, 65.7303



88.0750, 20.6690, 137.6232



# Inverse Universe

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



43.5180, 8.1256, 53.9197



49.5840, 11.5441, 77.5408



75.9540, 12.8407, -58.7187



50.1360, 0.4260, 3.3887



42.0510, 9.8349, 65.7303

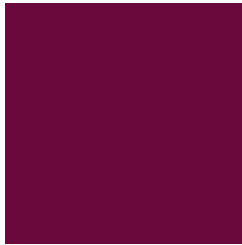


88.0750, 20.6690, 137.6232



# Previews

## White Background



This preview shows how the YUV color 43.5180, 8.1256, 53.9197 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

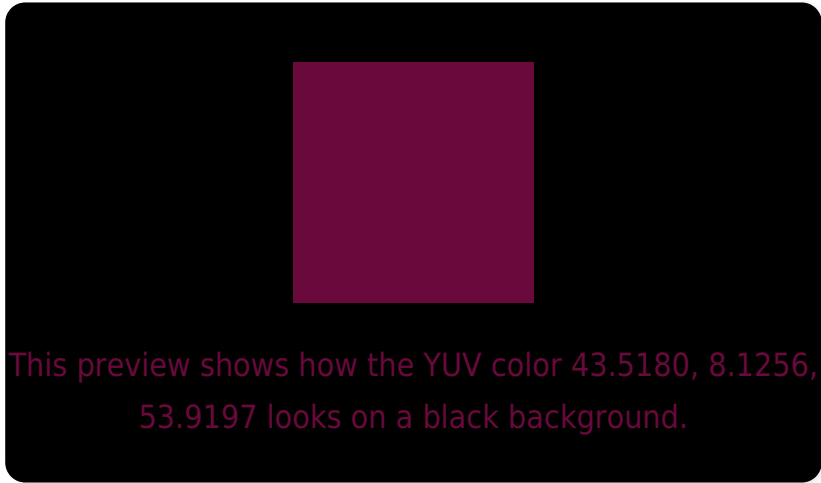
Any Text WCAG AA ✓ Pass

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

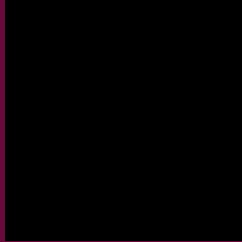
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 43.5180, 8.1256, 53.9197

## Background



This preview shows how black text looks on a background with the YUV color 43.5180, 8.1256, 53.9197.



This preview shows how white text looks on a background with the YUV color 43.5180, 8.1256, 53.9197.



# 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

43.5180, 8.1256, 53.9197

### Protanopia

55.1310, 14.7254, -9.7619

### Deuteranopia

56.3210, -0.1583, 4.1035



## Tritanopia

48.3220, -11.4977, 47.9526

# Trichromacy



## Original Color

43.5180, 8.1256, 53.9197

## Protanomaly

50.7040, 12.4709, 13.4146

## Deuteranomaly

51.8270, 2.5503, 22.0767

## Tritanomaly

46.5810, -4.2304, 50.3565

# Monochromacy



## Original Color

43.5180, 8.1256, 53.9197

## Achromatopsia

44.0000, 0.0000, 0.0000

## Achromatomaly

43.6310, 3.1399, 19.6176

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 43.5180, 8.1256, 53.9197 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(105, 9, 60)` looks like.

```
.text, #text, p{  
    color:rgb(105, 9, 60)  
}
```

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(105, 9, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 9, 60) }
```

## Border

The CSS property to change the border of an element to YUV 43.5180, 8.1256, 53.9197 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(105, 9, 60) }
```



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

```
.border{ border-color:rgb(105, 9, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 9, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 9, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 9, 60);  
box-shadow:4px 4px 4px 4px rgb(105, 9, 60)  
}
```

# Background

The CSS property to change the background color of an element to YUV 43.5180, 8.1256, 53.9197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 9, 60) }
```

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

```
.background{ background-color: rgb(105, 9,  
60) }
```

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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