

# Converting Colors

YUV(43.5380, 7.6228, 28.4692)

Have a look what the booklet for  
YUV(43.5380, 7.6228, 28.4692)  
contains.

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# Color

**YUV(43.5380, 7.6228,  
28.4692)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C183B
RGB	76, 24, 59
RGB Percent	30%, 9%, 23%
CMY	0.7020, 0.9059, 0.7686
CMYK	0.00, 0.68, 0.22, 0.70
HSL	320°, 52%, 20%
HSV	320°, 68%, 30%
XYZ	4.0965, 2.5055, 4.4054
YIQ	43.5380, 19.7570, 21.9090

# Conversions

## Conversions Part 2

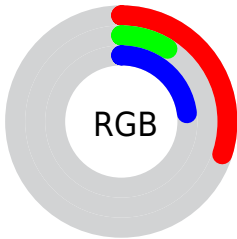
Format	Color
<b>RYB</b>	76, 24, 59
Decimal	4986939
CIELab	17.94, 29.00, -10.14
CIELCh	18, 30.718, 340.732
Yxy	2.5055, 0.3722, 0.2276
Android (android.graphics.Color)	4283177019 (0xFF4C183B)
YUV	43.5380, 7.6228, 28.4692
Hunter-Lab	15.8289, 18.4956, -5.4209




# Details

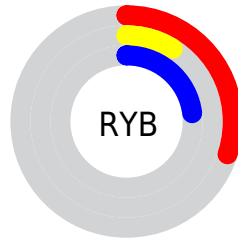
The YUV color **43.5380, 7.6228, 28.4692** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **56.4620, -7.6228, -28.4692**, and the grayscale version is **43.0000, 0.0000, 0.0000**.



A 20% lighter version of the original color is **91.7340, 7.0331, 30.9283**, and **11.0930, 2.4192, 17.4584** is the 20% darker color. If you saturate the color by 10%, you get **38.6140, 9.0643, 32.7875**, and if you desaturate by 10%, it is **48.4620, 6.1812, 24.1508**.

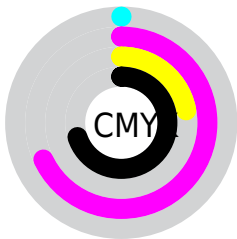
# Distribution







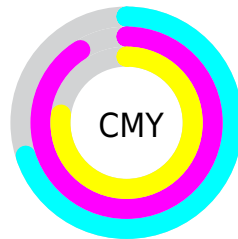
-  Red (30%)
-  Green (9%)
-  Blue (23%)






-  Red (30%)
-  Yellow (9%)
-  Blue (23%)



-  Cyan (0%)
-  Magenta (68%)
-  Yellow (22%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (91%)
-  Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 43.5380, 7.6228, 28.4692 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 43.5380, 7.6228, 28.4692 by changing the saturation by 10% instead.



43.5380, 7.6228,  
28.4692

43.5380, 7.6228,  
28.4692

255.0000, 0.0000,  
0.0000

20.3530, 8.2070,  
27.7544

91.7340, 7.0331,  
30.9283

11.0930, 2.4192,  
17.4584

117.0330, 6.8857,  
31.5431

0.0000, 0.0000,  
0.0000

143.1580, 7.3171,  
33.1874

169.8700, 7.4591,  
34.3170

197.1690, 7.3117,  
34.9318

222.2930, 9.2226,

28.6840

240.3250, 7.2348,  
12.8700

43.5380, 7.6228,  
28.4692

43.5380, 7.6228,  
28.4692

38.6140, 9.0643,  
32.7875

48.4620, 6.1812,  
24.1508

34.1630, 9.7796,  
36.6910

52.9130, 5.4659,  
20.2473

29.2390, 11.2212,  
41.0094

57.8370, 4.0244,  
15.9290

28.5380, 11.0738,  
41.6242

62.2880, 3.3090,  
12.0254

67.2120, 1.8675,  
7.7071

■ 72.2500, 0.8628,  
3.2887

■ 76.5870, -0.2894,  
-0.5148

■ 81.6250, -1.2941,  
-4.9331

■ 85.9620, -2.4463,  
-8.7367

# Harmonies

## Analogous

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



45.2950, 16.1236, 8.5113



43.5380, 7.6228, 28.4692



41.3620, -2.1505, 36.5165

# Triad

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



43.5380, 7.6228, 28.4692



40.7670, -20.0981, 6.3433



39.3190, 16.1117, -34.4828

# Complementary

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



43.5380, 7.6228, 28.4692



56.4620, -7.6228, -28.4692

# 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.



37.5120, 6.6496, -32.8980



43.5380, 7.6228, 28.4692



36.7970, -15.6759, -12.1000

# Square

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



43.5380, 7.6228, 28.4692



41.4530, -20.4363, 21.5277



34.3030, -3.1074, -30.0837



39.1540, 23.0951, -34.3381



# Rectangle

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



43.5380, 7.6228, 28.4692



41.5160, -9.1284, 34.6275



34.3030, -3.1074, -30.0837



39.2220, 13.2016, -34.3977

# Sweetspot

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



43.5380, 7.6228, 28.4692



86.5760, 3.1670, 10.8958



34.7120, 20.3550, 4.6376



42.9130, 2.0149, 7.0923



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000



# Same Dimension

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



43.5380, 7.6228, 28.4692



48.4890, 12.0839, 44.2981



40.6880, -3.2972, 30.9686



35.5380, 0.7208, 2.1592



38.3640, 15.1035, 55.8088



86.3260, 33.3633, 126.0021



# Inverse Universe

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



43.5380, 7.6228, 28.4692



48.4890, 12.0839, 44.2981



59.3120, 3.2972, -30.9686



35.5380, 0.7208, 2.1592



38.3640, 15.1035, 55.8088

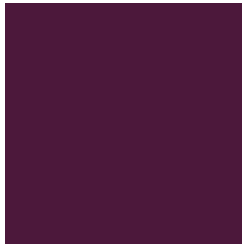


86.3260, 33.3633, 126.0021



# Previews

## White Background



This preview shows how the YUV color 43.5380, 7.6228, 28.4692 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

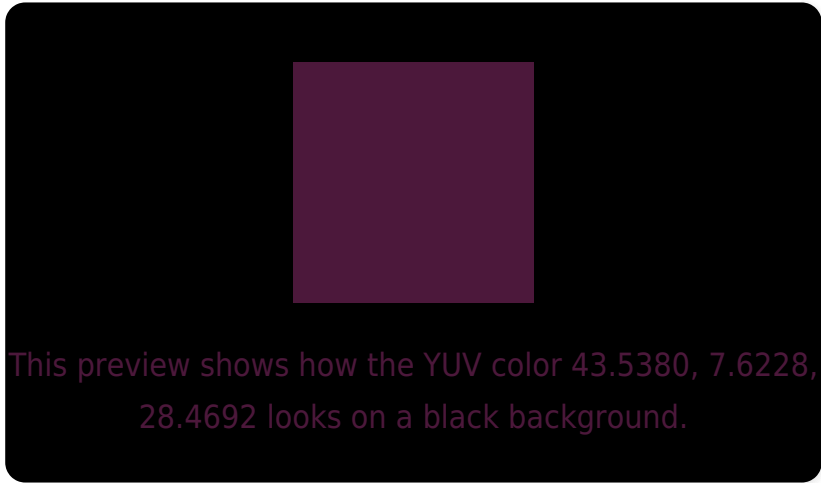
Any Text WCAG AA ✓ Pass

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

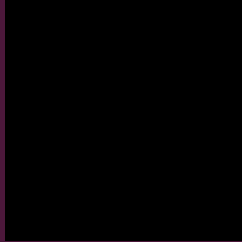
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 43.5380, 7.6228, 28.4692**

## **Background**



This preview shows how black text looks on a background with the YUV color 43.5380, 7.6228, 28.4692.



This preview shows how white text looks on a background with the YUV color 43.5380, 7.6228,



# 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

43.5380, 7.6228, 28.4692

### Protanopia

44.2450, 15.1622, -9.8619

### Deuteranopia

45.3680, 5.2416, -1.1997



## Tritanopia

44.0850, -5.4649, 26.2355

# Trichromacy



## Original Color

43.5380, 7.6228, 28.4692

## Protanomaly

44.2360, 12.2087, 4.1780

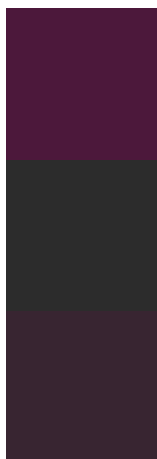
## Deuteranomaly

44.9610, 5.9352, 9.6812

## Tritanomaly

43.6490, -0.8130, 27.4948

# Monochromacy



## Original Color

43.5380, 7.6228, 28.4692

## Achromatopsia

44.0000, 0.0000, 0.0000

## Achromatomaly

44.0490, 2.4408, 10.4810

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 43.5380, 7.6228, 28.4692 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(76, 24, 59)` looks like.

```
.text, #text, p{  
    color:rgb(76, 24, 59)  
}
```

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(76, 24, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 24, 59) }
```

## Border

The CSS property to change the border of an element to YUV 43.5380, 7.6228, 28.4692 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(76, 24, 59) }
```



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

```
.border{ border-color:rgb(76, 24, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 24, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 24, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 24, 59);  
box-shadow:4px 4px 4px 4px rgb(76, 24, 59)  
}
```

# Background

The CSS property to change the background color of an element to YUV 43.5380, 7.6228, 28.4692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 24, 59) }
```

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

```
.background{ background-color: rgb(76, 24,  
59) }
```

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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