

# Converting Colors

YUV(54.8760, 8.4421, 45.7127)

Have a look what the booklet for  
YUV(54.8760, 8.4421, 45.7127)  
contains.

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# Color

**YUV(54.8760, 8.4421,  
45.7127)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B1948
RGB	107, 25, 72
RGB Percent	42%, 10%, 28%
CMY	0.5804, 0.9020, 0.7176
CMYK	0.00, 0.77, 0.33, 0.58
HSL	326°, 62%, 26%
HSV	326°, 77%, 42%
XYZ	7.5807, 4.2889, 6.5592
YIQ	54.8760, 33.7850, 32.0010

# Conversions

## Conversions Part 2

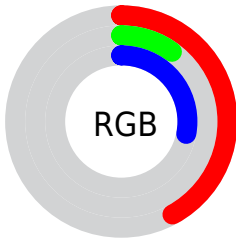
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 25, 72
Decimal	7018824
CIELab	24.60, 40.21, -8.39
CIElCh	25, 41.073, 348.207
Yxy	4.2889, 0.4114, 0.2327
Android (android.graphics.Color)	4285208904 (0xFF6B1948)
YUV	54.8760, 8.4421, 45.7127
Hunter-Lab	20.7098, 29.0972, -4.2815

# Details

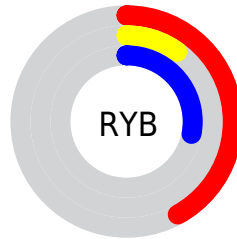
The YUV color **54.8760, 8.4421, 45.7127** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **77.1240, -8.4421, -45.7127**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.0180, 6.4001, 47.3422**, and **20.0500, 4.4123, 31.5282** is the 20% darker color. If you saturate the color by 10%, you get **47.8490, 9.4414, 51.8754**, and if you desaturate by 10%, it is **61.9030, 7.4428, 39.5501**.

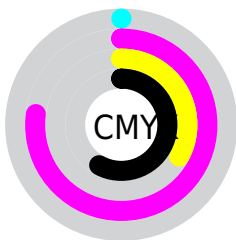
# Distribution



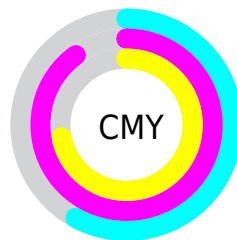
- Red (42%)
- Green (10%)
- Blue (28%)



- Red (42%)
- Yellow (10%)
- Blue (28%)



- Cyan (0%)
- Magenta (77%)
- Yellow (33%)
- Black (58%)




- Cyan (58%)
- Magenta (90%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 54.8760, 8.4421, 45.7127 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 54.8760, 8.4421, 45.7127 by changing the saturation by 10% instead.




 54.8760, 8.4421,  
45.7127

 54.8760, 8.4421,  
45.7127


255.0000, 0.0000,  
0.0000


 29.9190, 9.8999,  
44.7980

 107.0180, 6.4001,  
47.3422

 20.0500, 4.4123,  
31.5282

 133.0290, 6.3947,  
49.0866

 9.3830, -4.1328,  
18.9581

 160.6270, 6.0999,  
50.3161

 0.0000, 0.0000,  
0.0000

 188.2250, 5.8051,  
51.5457

 209.6580, 9.0426,  
39.7649

 229.1720, 12.7332,

22.6512

246.1950, 4.3409,  
7.7220

54.8760, 8.4421,  
45.7127

54.8760, 8.4421,  
45.7127

47.8490, 9.4414,  
51.8754

61.9030, 7.4428,  
39.5501

41.5230, 10.5882,  
57.4233

68.2290, 6.2961,  
34.0022

38.9470, 10.8721,  
59.6825

75.2560, 5.2968,  
27.8395

82.1690, 3.8607,  
21.7768

88.6090, 3.1508,  
16.1289

■ 95.5220, 1.7147,  
10.0662

■ 102.5490, 0.7153,  
3.9035

■ 109.5760, -0.2840,  
-2.2592

■ 115.9020, -1.4307,  
-7.8071

# Harmonies

## Analogous

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



59.6970, 19.8694, 20.4367



54.8760, 8.4421, 45.7127



52.2500, -5.5462, 52.4008

# Triad

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



54.8760, 8.4421, 45.7127



53.4260, -26.3390, 1.3804



53.5330, 24.8802, -46.9484

# Complementary

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



54.8760, 8.4421, 45.7127



77.1240, -8.4421, -45.7127

# 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.



51.0420, 12.7973, -44.7638



54.8760, 8.4421, 45.7127



44.8610, -16.2005, -30.5731

# Square

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



54.8760, 8.4421, 45.7127



55.6290, -27.4251, 23.1274



46.8070, -0.8909, -41.0497



52.3080, 32.8792, -45.8741



# Rectangle

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



54.8760, 8.4421, 45.7127



53.8720, -15.7129, 46.5933



46.8070, -0.8909, -41.0497



53.2080, 21.0965, -46.6634

# Sweetspot

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



54.8760, 8.4421, 45.7127



119.6200, 3.1453, 17.8733



44.5140, 30.8056, 12.7042



58.3480, 2.2934, 11.0958



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000



# Same Dimension

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



54.8760, 8.4421, 45.7127



58.0070, 13.3075, 71.9079



50.3160, -9.0298, 49.7119



50.1360, 0.4260, 3.3887



42.6210, 12.0188, 65.2304



89.2150, 25.0370, 136.6234



# Inverse Universe

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



54.8760, 8.4421, 45.7127



58.0070, 13.3075, 71.9079



81.6840, 9.0298, -49.7119



50.1360, 0.4260, 3.3887



42.6210, 12.0188, 65.2304

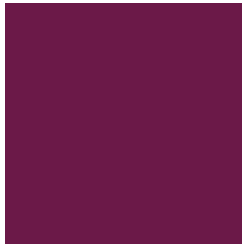


89.2150, 25.0370, 136.6234



# Previews

## White Background



This preview shows how the YUV color 54.8760, 8.4421, 45.7127 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

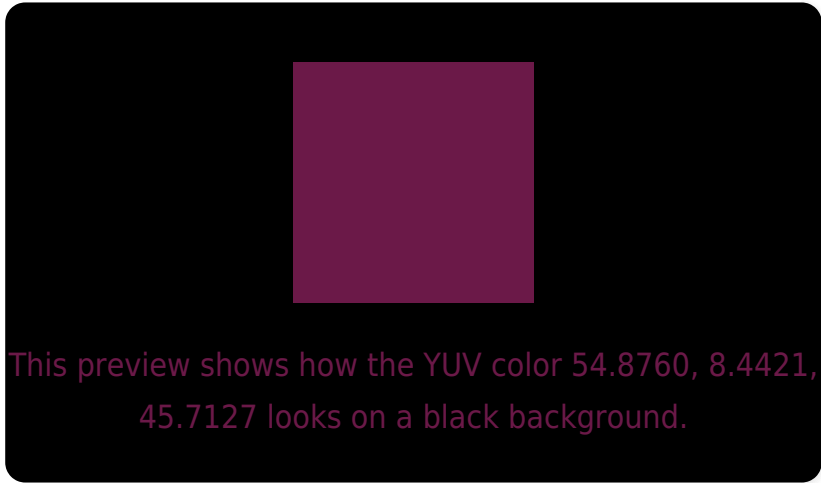
Any Text WCAG AA ✓ Pass

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

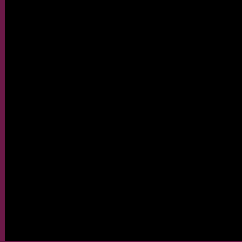
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 54.8760, 8.4421, 45.7127**

## **Background**



This preview shows how black text looks on a background with the YUV color 54.8760, 8.4421, 45.7127.



This preview shows how white text looks on a background with the YUV color 54.8760, 8.4421,



# 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

54.8760, 8.4421, 45.7127

### Protanopia

59.3310, 18.0778, -11.6913

### Deuteranopia

60.3360, 3.7784, 1.4593



## Tritanopia

56.8590, -9.2975, 42.2197

# Trichromacy



## Original Color

54.8760, 8.4421, 45.7127

## Protanomaly

57.8390, 14.3764, 8.9112

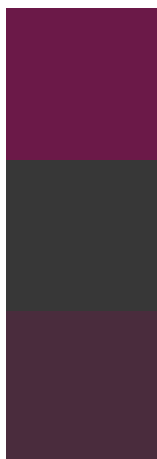
## Deuteranomaly

58.1900, 5.3293, 17.3734

## Tritanomaly

56.1780, -3.0458, 43.6939

# Monochromacy



## Original Color

54.8760, 8.4421, 45.7127

## Achromatopsia

55.0000, 0.0000, 0.0000

## Achromatomaly

54.9080, 3.0034, 16.7437

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 54.8760, 8.4421, 45.7127 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(107, 25, 72)` looks like.

```
.text, #text, p{  
    color:rgb(107, 25, 72)  
}
```

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(107, 25, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 25, 72) }
```

## Border

The CSS property to change the border of an element to YUV 54.8760, 8.4421, 45.7127 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(107, 25, 72) }
```



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

```
.border{ border-color:rgb(107, 25, 72) }
```

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

Here you see how a box with a 4 pixel rgb(107, 25, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 25, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 25, 72);  
box-shadow:4px 4px 4px 4px rgb(107, 25,  
72) }
```

# Background

The CSS property to change the background color of an element to YUV 54.8760, 8.4421, 45.7127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 25, 72) }
```

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

```
.background{ background-color: rgb(107, 25,  
72) }
```

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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