

# Converting Colors

YUV(57.5960, 13.0172, 24.9103)

Have a look what the booklet for  
YUV(57.5960, 13.0172, 24.9103)  
contains.

<b>YUV(57.5960, 13.0172, 24.9103)</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(57.5960, 13.0172,  
24.9103)**

# Conversions

## Conversions Part 1

Format	Color
Hex	562654
RGB	86, 38, 84
RGB Percent	34%, 15%, 33%
CMY	0.6627, 0.8510, 0.6706
CMYK	0.00, 0.56, 0.02, 0.66
HSL	302°, 39%, 24%
HSV	302°, 56%, 34%
XYZ	6.1311, 4.0048, 8.8374
YIQ	57.5960, 13.8420, 24.4820

# Conversions

## Conversions Part 2

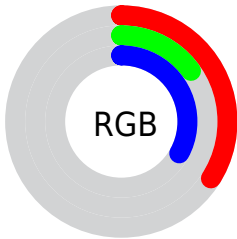
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 38, 84
Decimal	5645908
CIELab	23.69, 29.46, -18.17
CIELCh	24, 34.612, 328.339
Yxy	4.0048, 0.3231, 0.2111
Android (android.graphics.Color)	4283835988 (0xFF562654)
YUV	57.5960, 13.0172, 24.9103
Hunter-Lab	20.0119, 19.6668, -12.1745




# Details

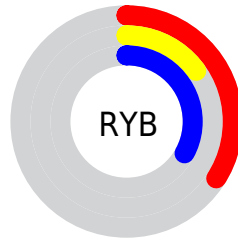
The YUV color **57.5960, 13.0172, 24.9103** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **66.4040, -13.0172, -24.9103**, and the grayscale version is **57.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **106.1340, 13.7379, 27.0695**, and **16.4060, 11.1388, 20.6919** is the 20% darker color. If you saturate the color by 10%, you get **52.3130, 15.6217, 29.5435**, and if you desaturate by 10%, it is **62.8790, 10.4127, 20.2771**.

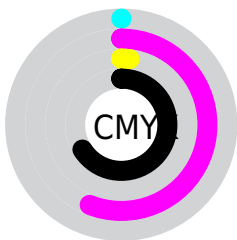
# Distribution







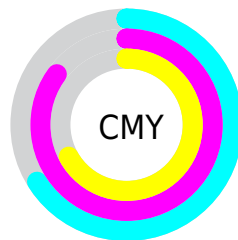
-  Red (34%)
-  Green (15%)
-  Blue (33%)






-  Red (34%)
-  Yellow (15%)
-  Blue (33%)



-  Cyan (0%)
-  Magenta (56%)
-  Yellow (2%)
-  Black (66%)



-  Cyan (66%)
-  Magenta (85%)
-  Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 57.5960, 13.0172, 24.9103 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 57.5960, 13.0172, 24.9103 by changing the saturation by 10% instead.



■ 57.5960, 13.0172,  
24.9103

■ 57.5960, 13.0172,  
24.9103

■ 255.0000, 0.0000,  
0.0000

■ 34.2970, 13.1646,  
24.2955

■ 106.1340, 13.7379,  
27.0695

■ 16.4060, 11.1388,  
20.6919

■ 131.8460, 13.8799,  
28.1991

■ 1.9380, 7.4256,  
-1.6996

■ 158.5580, 14.0219,  
29.3286

■ 0.0000, 0.0000,  
0.0000

■ 185.9710, 14.3113,  
29.8434

■ 213.6830, 14.4533,  
30.9730

■ 233.2810, 10.7075,

19.0476

250.3040, 2.3151,  
4.1184

57.5960, 13.0172,  
24.9103

57.5960, 13.0172,  
24.9103

52.3130, 15.6217,  
29.5435

62.8790, 10.4127,  
20.2771

47.5030, 17.5000,  
33.7619

67.6890, 8.5343,  
16.0587

42.2200, 20.1045,  
38.3951

72.9720, 5.9298,  
11.4256

37.5240, 22.4197,  
42.5135

77.6680, 3.6147,  
7.3072

35.0620, 23.1404,  
44.6726

83.0650, 1.4470,  
2.5740

■ 88.3480, -1.1576,  
-2.0592

■ 93.1580, -3.0359,  
-6.2776

■ 98.4410, -5.6404,  
-10.9108

■ 103.1370, -7.9555,  
-15.0291

# Harmonies

## Analogous

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



56.8250, 22.2713, -3.3545



57.5960, 13.0172, 24.9103



54.5350, 2.2012, 40.7498

# Triad

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



57.5960, 13.0172, 24.9103



53.2150, -26.2350, 14.7204



49.0360, 15.2653, -43.0046

# Complementary

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



57.5960, 13.0172, 24.9103



66.4040, -13.0172, -24.9103

# 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.



46.0720, 3.9085, -40.4051



57.5960, 13.0172, 24.9103



50.3050, -22.8284, -4.6525

# Square

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



57.5960, 13.0172, 24.9103



53.8780, -21.6319, 31.6790



41.9340, -6.8695, -36.7761



50.1420, 24.5800, -43.9745



# Rectangle

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



57.5960, 13.0172, 24.9103



53.7820, -5.8085, 43.1642



41.9340, -6.8695, -36.7761



48.1240, 11.7709, -42.2047

# Sweetspot

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



57.5960, 13.0172, 24.9103



100.7330, 5.0616, 9.8812



44.0700, 20.6715, -3.5694



49.5430, 3.1833, 5.6628



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000



# Same Dimension

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



57.5960, 13.0172, 24.9103



67.6330, 20.3939, 38.9099



54.8600, 2.5340, 27.3098



40.6520, 1.1576, 2.0592



43.7350, 29.2176, 55.4834



95.9150, 63.6389, 121.9775



# Inverse Universe

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



57.5960, 13.0172, 24.9103



67.6330, 20.3939, 38.9099



69.1400, -2.5340, -27.3098



40.6520, 1.1576, 2.0592



43.7350, 29.2176, 55.4834

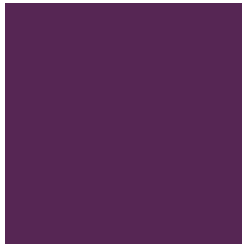


95.9150, 63.6389, 121.9775



# Previews

## White Background



This preview shows how the YUV color 57.5960, 13.0172, 24.9103 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

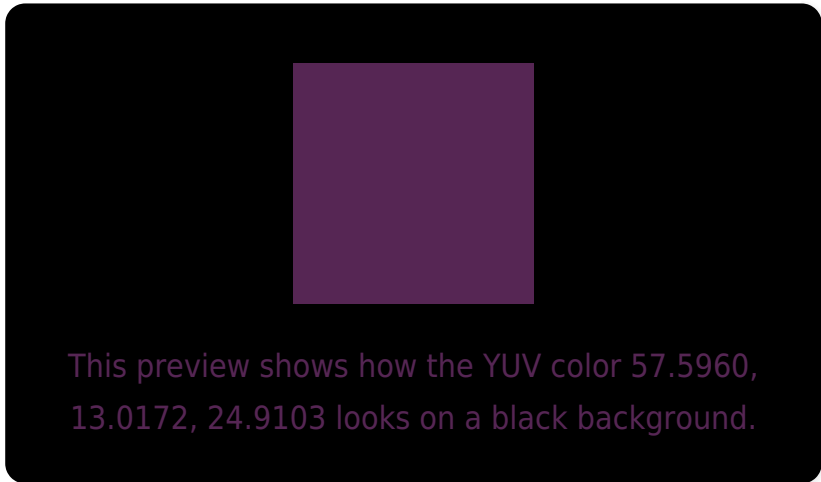
Any Text WCAG AA ✓ Pass

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

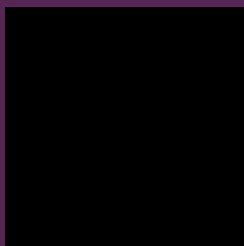
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 57.5960, 13.0172, 24.9103

## Background



This preview shows how black text looks on a background with the YUV color 57.5960, 13.0172, 24.9103.



This preview shows how white text looks on a background with the YUV color 57.5960, 13.0172,



# 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

57.5960, 13.0172, 24.9103

### Protanopia

55.5200, 21.4356, -15.3650

### Deuteranopia

57.3440, 11.6624, -7.3177



## Tritanopia

57.8070, -3.8489, 21.2173

# Trichromacy



## Original Color

57.5960, 13.0172, 24.9103

## Protanomaly

55.9240, 18.7715, -0.8103

## Deuteranomaly

57.2360, 12.2087, 4.1780

## Tritanomaly

57.7130, 2.1135, 22.1767

# Monochromacy



## Original Color

57.5960, 13.0172, 24.9103

## Achromatopsia

58.0000, 0.0000, 0.0000

## Achromatomaly

57.9070, 4.4828, 8.8516

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 57.5960, 13.0172, 24.9103 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(86, 38, 84)` looks like.

```
.text, #text, p{  
    color:rgb(86, 38, 84)  
}
```

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(86, 38, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 38, 84) }
```

## Border

The CSS property to change the border of an element to YUV 57.5960, 13.0172, 24.9103 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(86, 38, 84) }
```



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

```
.border{ border-color:rgb(86, 38, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 38, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 38, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 38, 84);  
box-shadow:4px 4px 4px 4px rgb(86, 38, 84)  
}
```

# Background

The CSS property to change the background color of an element to YUV 57.5960, 13.0172, 24.9103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 38, 84) }
```

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

```
.background{ background-color: rgb(86, 38,  
84) }
```

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