

# Converting Colors

YUV(54.8700, 14.3611, 60.6270)

Have a look what the booklet for  
YUV(54.8700, 14.3611, 60.6270)  
contains.

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# Color

**YUV(54.8700, 14.3611,  
60.6270)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C0E54
RGB	124, 14, 84
RGB Percent	49%, 5%, 33%
CMY	0.5137, 0.9451, 0.6706
CMYK	0.00, 0.89, 0.32, 0.51
HSL	322°, 80%, 27%
HSV	322°, 89%, 49%
XYZ	10.0695, 5.2393, 8.8681
YIQ	54.8700, 43.0900, 45.0900

# Conversions

## Conversions Part 2

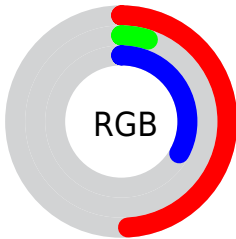
Format	Color
<a href="#">RYB</a>	<a href="#">124, 14, 84</a>
Decimal	<a href="#">8130132</a>
CIELab	<a href="#">27.41, 49.49, -11.86</a>
CIElCh	<a href="#">27, 50.894, 346.529</a>
Yxy	<a href="#">5.2393, 0.4165, 0.2167</a>
Android (android.graphics.Color)	<a href="#">4286320212</a> ( <a href="#">0xFF7C0E54</a> )
YUV	<a href="#">54.8700, 14.3611, 60.6270</a>
Hunter-Lab	<a href="#">22.8894, 38.4688, -6.9482</a>

# Details

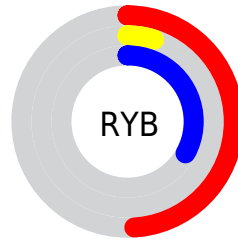
The YUV color **54.8700, 14.3611, 60.6270** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **83.1300, -14.3611, -60.6270**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.5340, 10.5827, 59.1677**, and **25.3760, 6.7166, 39.1352** is the 20% darker color. If you saturate the color by 10%, you get **47.2560, 15.6498, 67.3045**, and if you desaturate by 10%, it is **62.4840, 13.0724, 53.9495**.

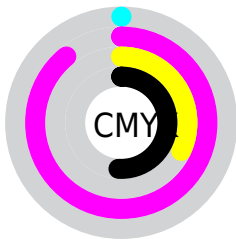
# Distribution



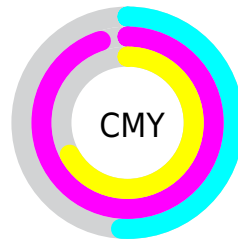
- Red (49%)
- Green (5%)
- Blue (33%)



- Red (49%)
- Yellow (5%)
- Blue (33%)



- Cyan (0%)
- Magenta (89%)
- Yellow (32%)
- Black (51%)




- Cyan (51%)
- Magenta (95%)
- Yellow (67%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 54.8700, 14.3611, 60.6270 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 54.8700, 14.3611, 60.6270 by changing the saturation by 10% instead.




 54.8700, 14.3611,  
60.6270


 54.8700, 14.3611,  
60.6270


255.0000, 0.0000,  
0.0000

 35.9570, 12.3462,  
53.5347

 112.5340, 10.5827,  
59.1677

 25.3760, 6.7166,  
39.1352


 140.0180, 9.8511,  
60.4972

 15.8060, 1.0816,  
26.4801

 167.6160, 9.5563,  
61.7268

 0.0000, 0.0000,  
0.0000

 191.7400, 11.4672,  
55.4790

 211.3680, 15.5946,  
38.2653

 229.1720, 12.7332,

22.6512

246.1950, 4.3409,  
7.7220

54.8700, 14.3611,  
60.6270

54.8700, 14.3611,  
60.6270

47.2560, 15.6498,  
67.3045

62.4840, 13.0724,  
53.9495

46.0820, 16.2286,  
68.3341

70.5710, 11.0575,  
46.8572

78.1850, 9.7688,  
40.1798

86.2720, 7.7539,  
33.0875

93.8860, 6.4652,  
26.4100

■ 101.3860, 4.7397,  
19.8325

■ 109.5870, 3.1616,  
12.6402

■ 117.0870, 1.4361,  
6.0627

■ 125.2880, -0.1420,  
-1.1296

# Harmonies

## Analogous

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



65.7280, 26.2631, 23.0405



54.8700, 14.3611, 60.6270



49.5820, -2.2589, 71.4036

# Triad

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



54.8700, 14.3611, 60.6270



59.3290, -29.2492, 1.4655



60.7540, 29.7013, -53.2813

# Complementary

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



54.8700, 14.3611, 60.6270



83.1300, -14.3611, -60.6270

# 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.



57.3510, 14.1240, -50.2968



54.8700, 14.3611, 60.6270



45.1990, -22.2831, -39.6395

# Square

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



54.8700, 14.3611, 60.6270



61.8640, -30.4990, 29.0603



52.0900, -3.4954, -45.6829



60.0990, 39.8842, -52.7068



# Rectangle

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



54.8700, 14.3611, 60.6270



56.0910, -17.7929, 60.4332



52.0900, -3.4954, -45.6829



60.2010, 25.0439, -52.7963

# Sweetspot

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



54.8700, 14.3611, 60.6270



133.3480, 5.7444, 24.2508



37.9020, 42.4463, 12.3639



65.0110, 3.4456, 14.8994



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.



54.8700, 14.3611, 60.6270



59.7670, 20.8209, 88.7813



48.8280, -8.7892, 65.9258



57.2500, 0.8628, 3.2887



46.4950, 16.5180, 68.8489



93.7020, 33.1779, 138.8273



# Inverse Universe

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



54.8700, 14.3611, 60.6270



59.7670, 20.8209, 88.7813



89.1720, 8.7892, -65.9258



57.2500, 0.8628, 3.2887



46.4950, 16.5180, 68.8489

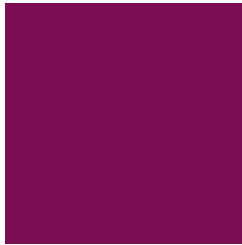


93.7020, 33.1779, 138.8273



# Previews

## White Background



This preview shows how the YUV color 54.8700, 14.3611, 60.6270 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

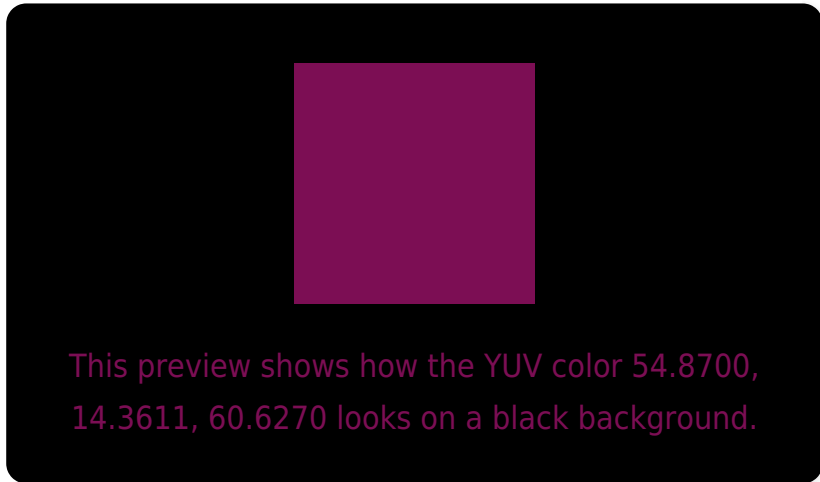
Any Text WCAG AA ✓ Pass

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

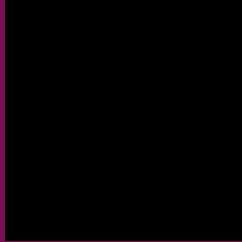
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 54.8700, 14.3611, 60.6270

## Background



This preview shows how black text looks on a background with the YUV color 54.8700, 14.3611, 60.6270.



This preview shows how white text looks on a background with the YUV color 54.8700, 14.3611,



# 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

54.8700, 14.3611, 60.6270

### Protanopia

64.4640, 26.3932, -18.8239

### Deuteranopia

67.3790, 5.2362, 0.5446



## Tritanopia

60.9420, -11.8034, 52.6709

# Trichromacy



## Original Color

54.8700, 14.3611, 60.6270

## Protanomaly

60.6140, 22.3753, 9.9855

## Deuteranomaly

62.4340, 8.6600, 22.4214

## Tritanomaly

58.4830, -2.2101, 55.7044

# Monochromacy



## Original Color

54.8700, 14.3611, 60.6270

## Achromatopsia

55.0000, 0.0000, 0.0000

## Achromatomaly

54.9240, 5.4605, 21.9917

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 54.8700, 14.3611, 60.6270 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(124, 14, 84)` looks like.

```
.text, #text, p{  
    color:rgb(124, 14, 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(124, 14, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 14, 84) }
```

## Border

The CSS property to change the border of an element to YUV 54.8700, 14.3611, 60.6270 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(124, 14, 84) }
```



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

```
.border{ border-color:rgb(124, 14, 84) }
```

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

Here you see how a box with a 4 pixel rgb(124, 14, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 14, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 14, 84);  
box-shadow:4px 4px 4px 4px rgb(124, 14,  
84) }
```

# Background

The CSS property to change the background color of an element to YUV 54.8700, 14.3611, 60.6270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 14, 84) }
```

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

```
.background{ background-color: rgb(124, 14,  
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](#).

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