

# Converting Colors

YUV(54.5330, 25.3732, 28.4736)

Have a look what the booklet for  
YUV(54.5330, 25.3732, 28.4736)  
contains.

<b>YUV(54.5330, 25.3732, 28.4736)</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(54.5330, 25.3732,  
28.4736)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	571C6A
RGB	87, 28, 106
RGB Percent	34%, 11%, 42%
CMY	0.6588, 0.8902, 0.5843
CMYK	0.18, 0.74, 0.00, 0.58
HSL	285°, 58%, 26%
HSV	285°, 74%, 42%
XYZ	6.9473, 3.8974, 14.0218
YIQ	54.5330, 10.1260, 36.7660

# Conversions

## Conversions Part 2

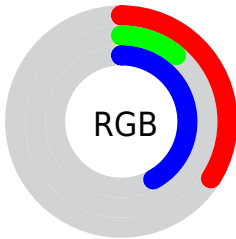
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 28, 106
Decimal	5708906
CIE <sub>Lab</sub>	23.33, 39.53, -33.19
CIE <sub>LCh</sub>	23, 51.618, 319.986
Yxy	3.8974, 0.2794, 0.1567
Android (android.graphics.Color)	4283898986 (0xFF571C6A)
YUV	54.5330, 25.3732, 28.4736
Hunter-Lab	19.7417, 28.2675, -28.2922

# Details

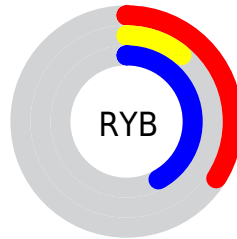
The YUV color **54.5330, 25.3732, 28.4736** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **79.4670, -25.3732, -28.4736**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.3590, 25.9520, 29.5032**, and **18.2730, 19.5854, 18.1776** is the 20% darker color. If you saturate the color by 10%, you get **47.1790, 28.9988, 32.2920**, and if you desaturate by 10%, it is **61.8870, 21.7477, 24.6551**.

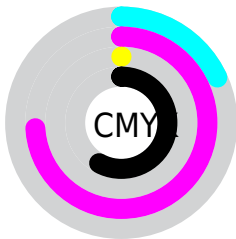
# Distribution



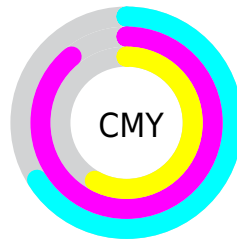
- Red (34%)
- Green (11%)
- Blue (42%)



- Red (34%)
- Yellow (11%)
- Blue (42%)



- Cyan (18%)
- Magenta (74%)
- Yellow (0%)
- Black (58%)



- Cyan (66%)
- Magenta (89%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 54.5330, 25.3732, 28.4736 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 54.5330, 25.3732, 28.4736 by changing the saturation by 10% instead.



■ 54.5330, 25.3732,  
28.4736

■ 54.5330, 25.3732,  
28.4736

■ 255.0000, 0.0000,  
0.0000

■ 27.7720, 26.2414,  
30.0180

■ 105.3590, 25.9520,  
29.5032

■ 18.2730, 19.5854,  
18.1776

■ 131.4840, 26.3834,  
31.1475

■ 4.4030, 15.5773,  
-2.9844

■ 158.3100, 26.9622,  
32.1771

■ 1.2540, 4.8048,  
-1.0998

■ 185.1360, 27.5410,  
33.2067


■ 0.0000, 0.0000,  
0.0000


■ 211.8390, 21.2784,  
35.2212


■ 229.1720, 12.7332,


22.6512


 245.6080, 4.6303,  
8.2368


 54.5330, 25.3732,  
28.4736


 54.5330, 25.3732,  
28.4736


 47.1790, 28.9988,  
32.2920


 61.8870, 21.7477,  
24.6551


 40.7110, 32.1875,  
36.2105

 68.3550, 18.5590,  
20.7367

 36.0040, 34.5080,  
38.5845

 75.7090, 14.9335,  
16.9182

 82.1770, 11.7447,  
12.9998

 89.5310, 8.1192,  
9.1813

■ 96.5860, 4.6411,  
4.7481

■ 103.3530, 1.3050,  
1.4444

■ 110.7070, -2.3206,  
-2.3740

■ 117.1750, -5.5093,  
-6.2925

# Harmonies

## Analogous

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



44.6430, 41.5880, -39.1519



54.5330, 25.3732, 28.4736



42.3650, 13.6241, 63.7009

# Triad

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



54.5330, 25.3732, 28.4736



52.6830, -25.9727, 23.9570



50.9110, 14.8339, -44.6489

# Complementary

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



54.5330, 25.3732, 28.4736



79.4670, -25.3732, -28.4736

# 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.



45.7640, -2.3487, -40.1350



54.5330, 25.3732, 28.4736



49.2620, -24.2862, -3.7378

# Square

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



54.5330, 25.3732, 28.4736



48.1300, -23.7281, 50.7520



39.9160, -19.6786, -35.0063



54.2000, 29.9744, -47.5334



# Rectangle

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



54.5330, 25.3732, 28.4736



41.3090, 1.8197, 69.8890



39.9160, -19.6786, -35.0063



49.4290, 9.1555, -43.3492

# Sweetspot

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



54.5330, 25.3732, 28.4736



117.4110, 10.1504, 11.0406



48.6320, 28.2824, -18.0943



56.9390, 5.9461, 6.1925



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.



54.5330, 25.3732, 28.4736



58.0030, 39.4385, 43.8474



58.0480, 14.2733, 42.0539



49.8800, 2.0312, 1.8592



39.9490, 37.9861, 43.0177



83.2450, 79.7452, 89.2391



# Inverse Universe

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



53.4880, -3.1986, 46.0530



56.4850, -5.1691, 71.4887



76.0660, -13.8365, -42.1539



49.9080, -0.4476, 3.5887



38.2890, -4.5795, 69.0295

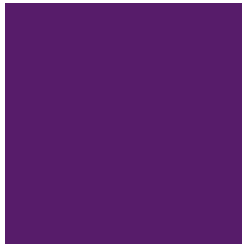


80.0950, -9.9068, 144.6217



# Previews

## White Background



This preview shows how the YUV color 54.5330, 25.3732, 28.4736 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

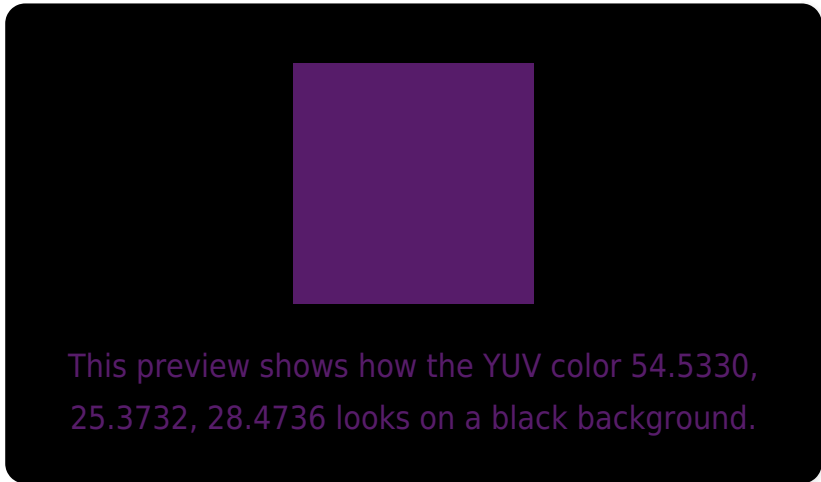
Any Text WCAG AA ✓ Pass

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

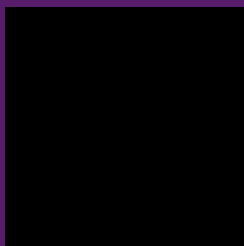
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 54.5330, 25.3732, 28.4736

## Background



This preview shows how black text looks on a background with the YUV color 54.5330, 25.3732, 28.4736.



This preview shows how white text looks on a background with the YUV color 54.5330, 25.3732,



# 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

54.5330, 25.3732, 28.4736

### Protanopia

45.5090, 34.7521, -39.9114

### Deuteranopia

50.3440, 24.9734, -30.1197



## Tritanopia

57.6110, -3.2592, 18.7582

# Trichromacy



## Original Color

54.5330, 25.3732, 28.4736

## Protanomaly

48.7510, 31.1818, -14.6906

## Deuteranomaly

51.8890, 25.1977, -8.6727

## Tritanomaly

56.6790, 7.0603, 22.2065

# Monochromacy



## Original Color

54.5330, 25.3732, 28.4736

## Achromatopsia

55.0000, 0.0000, 0.0000

## Achromatomaly

54.8840, 9.4242, 10.6257

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 54.5330, 25.3732, 28.4736 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(87, 28, 106)` looks like.

```
.text, #text, p{  
    color:rgb(87, 28, 106)  
}
```

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(87, 28, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 28, 106) }
```

## Border

The CSS property to change the border of an element to YUV 54.5330, 25.3732, 28.4736 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(87, 28, 106) }
```



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

```
.border{ border-color:rgb(87, 28, 106) }
```

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

Here you see how a box with a 4 pixel rgb(87, 28, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 28, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 28, 106);  
box-shadow:4px 4px 4px 4px rgb(87, 28,  
106) }
```

# Background

The CSS property to change the background color of an element to YUV 54.5330, 25.3732, 28.4736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 28, 106) }
```

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

```
.background{ background-color: rgb(87, 28,  
106) }
```

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