

# Converting Colors

YUV(54.4100, 28.8849, 68.9234)

Have a look what the booklet for  
YUV(54.4100, 28.8849, 68.9234)  
contains.

<b>YUV(54.4100, 28.8849, 68.9234)</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(54.4100, 28.8849,  
68.9234)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	850371
RGB	133, 3, 113
RGB Percent	52%, 1%, 44%
CMY	0.4784, 0.9882, 0.5569
CMYK	0.00, 0.98, 0.15, 0.48
HSL	309°, 96%, 27%
HSV	309°, 98%, 52%
XYZ	12.6861, 6.2439, 16.1594
YIQ	54.4100, 42.1700, 61.7700

# Conversions

## Conversions Part 2

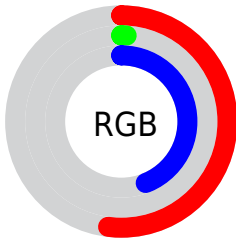
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 3, 113
Decimal	8717169
CIE <sub>Lab</sub>	30.02, 57.16, -26.54
CIE <sub>LCh</sub>	30, 63.026, 335.092
Yxy	6.2439, 0.3615, 0.1779
Android (android.graphics.Color)	4286907249 (0xFF850371)
YUV	54.4100, 28.8849, 68.9234
Hunter-Lab	24.9878, 46.8938, -20.8507

# Details

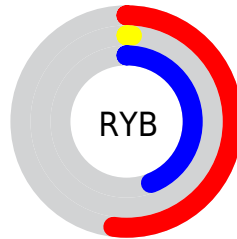
The YUV color **54.4100, 28.8849, 68.9234** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **81.5900, -28.8849, -68.9234**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.4710, 22.9388, 62.7309**, and **31.0310, 16.7467, 42.0688** is the 20% darker color. If you saturate the color by 10%, you get **52.6490, 29.7530, 70.4678**, and if you desaturate by 10%, it is **62.2690, 25.9964, 62.0311**.

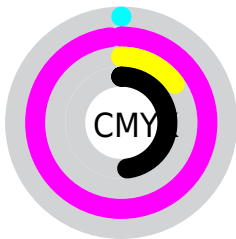
# Distribution



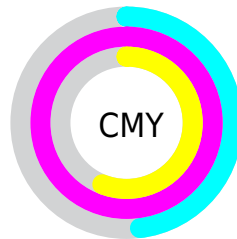
- Red (52%)
- Green (1%)
- Blue (44%)



- Red (52%)
- Yellow (1%)
- Blue (44%)



- Cyan (0%)
- Magenta (98%)
- Yellow (15%)
- Black (48%)



- Cyan (48%)
- Magenta (99%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 54.4100, 28.8849, 68.9234 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 54.4100, 28.8849, 68.9234 by changing the saturation by 10% instead.



■ 54.4100, 28.8849,  
68.9234

■ 54.4100, 28.8849,  
68.9234

■ 255.0000, 0.0000,  
0.0000

■ 41.7260, 22.8131,  
56.3683

■ 118.4710, 22.9388,  
62.7309

■ 31.0310, 16.7467,  
42.0688

■ 146.6560, 22.3546,  
63.4457

■ 21.3470, 10.6749,  
29.5137

■ 174.9550, 22.2072,  
64.0605

■ 8.8580, 5.4930,  
11.5255


■ 196.2030, 26.0289,  
51.5650


■ 0.0000, 0.0000,  
0.0000


■ 213.9100, 20.2574,  
36.0359


■ 230.3460, 12.1544,


21.6216


 247.9560, 3.4727,  
6.1776


 54.4100, 28.8849,  
68.9234


 54.4100, 28.8849,  
68.9234


 52.6490, 29.7530,  
70.4678

 62.2690, 25.9964,  
62.0311

 70.7150, 22.8185,  
54.6239

 78.5740, 19.9300,  
47.7316

 86.4330, 17.0415,  
40.8393

 94.8790, 13.8637,  
33.4321

■ 102.7380, 10.9752,  
26.5398

■ 110.5970, 8.0867,  
19.6474

■ 118.4560, 5.1982,  
12.7551

■ 126.9020, 2.0203,  
5.3479

# Harmonies

## Analogous

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



70.2770, 40.2894, 4.1421



54.4100, 28.8849, 68.9234



52.8580, 5.9860, 86.9475

# Triad

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



54.4100, 28.8849, 68.9234



66.1840, -32.6287, 12.1166



67.3080, 29.4282, -59.0291

# Complementary

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



54.4100, 28.8849, 68.9234



81.5900, -28.8849, -68.9234

# 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.



61.7220, 8.0251, -54.1302



54.4100, 28.8849, 68.9234



55.8970, -27.5572, -27.9737

# Square

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



54.4100, 28.8849, 68.9234



65.5180, -32.3004, 46.9037



54.5060, -14.5465, -47.8018



68.8360, 45.4369, -60.3692



# Rectangle

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



54.4100, 28.8849, 68.9234



48.6120, -7.6967, 88.9173



54.5060, -14.5465, -47.8018



65.4840, 22.4394, -57.4295

# Sweetspot

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



54.4100, 28.8849, 68.9234



142.8520, 11.4120, 26.4398



23.8000, 53.8356, -0.7016



68.2330, 6.7871, 16.4587



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000



# Same Dimension

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



54.4100, 28.8849, 68.9234



68.4850, 38.7079, 91.6597



47.0000, 0.4930, 75.4220



62.3640, 1.2995, 3.1888



51.4100, 28.8849, 68.9234



1.1250, 0.4314, 1.6444



# Inverse Universe

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



54.4100, 28.8849, 68.9234



68.4850, 38.7079, 91.6597



88.8860, -0.9298, -75.3220



62.3640, 1.2995, 3.1888



51.4100, 28.8849, 68.9234



1.1250, 0.4314, 1.6444



# Previews

## White Background



This preview shows how the YUV color 54.4100, 28.8849, 68.9234 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

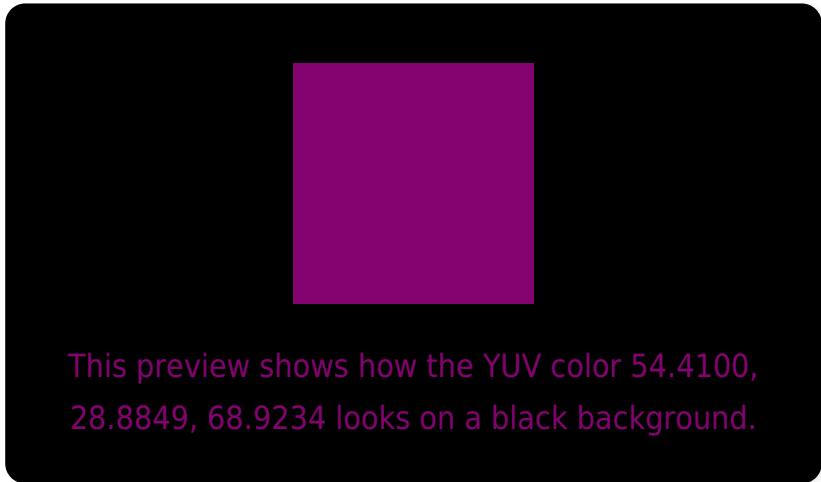
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

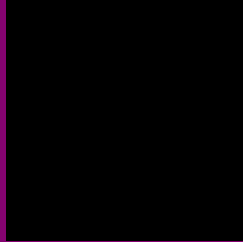
Any Text WCAG AA × Fail

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 54.4100, 28.8849, 68.9234 Background



This preview shows how black text looks on a background with the YUV color 54.4100, 28.8849, 68.9234.



This preview shows how white text looks on a background with the YUV color 54.4100, 28.8849,



# 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

54.4100, 28.8849, 68.9234

### Protanopia

58.8910, 45.4097, -51.6474

### Deuteranopia

73.1740, 16.1832, -10.6766



## Tritanopia

69.7460, -11.2138, 50.2118

# Trichromacy



## Original Color

54.4100, 28.8849, 68.9234

## Protanomaly

56.9720, 39.4538, -7.8684

## Deuteranomaly

66.6150, 20.8958, 17.8776

## Tritanomaly

64.2750, 3.3154, 56.7638

# Monochromacy



## Original Color

54.4100, 28.8849, 68.9234

## Achromatopsia

54.0000, 0.0000, 0.0000

## Achromatomaly

53.9120, 10.3964, 25.5102

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 54.4100, 28.8849, 68.9234 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(133, 3, 113)` looks like.

```
.text, #text, p{  
    color:rgb(133, 3, 113)  
}
```

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(133, 3, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 3, 113) }
```

## Border

The CSS property to change the border of an element to YUV 54.4100, 28.8849, 68.9234 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(133, 3, 113) }
```



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

```
.border{ border-color:rgb(133, 3, 113) }
```

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

Here you see how a box with a 4 pixel rgb(133, 3, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 3, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 3, 113);  
box-shadow:4px 4px 4px 4px rgb(133, 3,  
113) }
```

# Background

The CSS property to change the background color of an element to YUV 54.4100, 28.8849, 68.9234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 3, 113) }
```

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

```
.background{ background-color: rgb(133, 3,  
113) }
```

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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