

# Converting Colors

YUV(87.5250, 27.3492, 1.2936)

Have a look what the booklet for  
YUV(87.5250, 27.3492, 1.2936)  
contains.

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# Color

**YUV(87.5250, 27.3492,  
1.2936)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	594C8F
RGB	89, 76, 143
RGB Percent	35%, 30%, 56%
CMY	0.6510, 0.7020, 0.4392
CMYK	0.38, 0.47, 0.00, 0.44
HSL	252°, 31%, 43%
HSV	252°, 47%, 56%
XYZ	11.6622, 9.2759, 27.1624
YIQ	87.5250, -13.7590, 23.5930

# Conversions

## Conversions Part 2

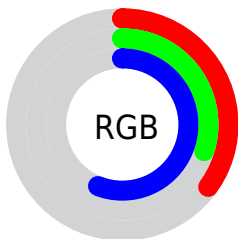
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 76, 143
Decimal	5852303
CIE <sub>Lab</sub>	36.51, 22.12, -35.37
CIE <sub>LCh</sub>	37, 41.715, 302.023
Yxy	9.2759, 0.2425, 0.1928
Android (android.graphics.Color)	4284042383 (0xFF594C8F)
YUV	87.5250, 27.3492, 1.2936
Hunter-Lab	30.4564, 15.0517, -31.5581

# Details

The YUV color **87.5250, 27.3492, 1.2936** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **131.4750, -27.3492, -1.2936**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.9920, 29.0909, 2.6380**, and **40.6340, 25.3234, -2.3100** is the 20% darker color. If you saturate the color by 10%, you get **75.7190, 33.1695, 1.1234**, and if you desaturate by 10%, it is **99.3310, 21.5288, 1.4637**.

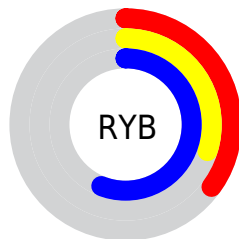
# Distribution



Red (35%)

Green (30%)

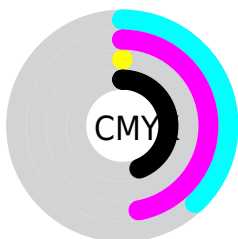
Blue (56%)



Red (35%)

Yellow (30%)

Blue (56%)

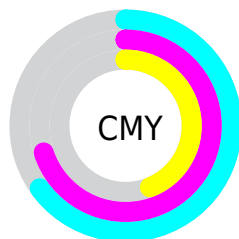


Cyan (38%)

Magenta (47%)

Yellow (0%)

Black (44%)



Cyan (65%)

Magenta (70%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 87.5250, 27.3492, 1.2936 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 87.5250, 27.3492, 1.2936 by changing the saturation by 10% instead.



87.5250, 27.3492,  
1.2936

87.5250, 27.3492,  
1.2936

255.0000, 0.0000,  
0.0000

63.5850, 26.3336,  
0.3640

137.9920, 29.0909,  
2.6380

40.6340, 25.3234,  
-2.3100

164.8180, 29.6697,  
3.6676

17.1990, 25.0449,  
-6.3135

192.0460, 30.5433,  
3.4677

5.1300, 19.6559,  
-4.4990

216.6800, 18.8918,  
7.2966

3.3230, 10.1938,  
-2.9143

242.3740, 6.2246,  
10.1960

0.0000, 0.0000,  
0.0000

87.5250, 27.3492,  
1.2936

87.5250, 27.3492,  
1.2936

75.7190, 33.1695,  
1.1234

99.3310, 21.5288,  
1.4637

63.6250, 39.1319,  
2.0829

111.4250, 15.5665,  
0.5043

51.8190, 44.9522,  
1.9127

123.2310, 9.7461,  
0.6744

40.3120, 50.6252,  
2.3574

134.7380, 4.0732,  
0.2298

27.9190, 56.7349,  
2.7020

147.1310, -2.0366,  
-0.1149


24.6740, 58.3347,  
2.9169

158.6380, -7.7095,  
-0.5595

170.4440,  
-13.5299, -0.3894

181.9510,

-19.2028, -0.8340

 194.3440,  
-25.3126, -1.1787

# Harmonies

## Analogous

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



69.6850, 41.0743, -61.1137



87.5250, 27.3492, 1.2936



87.5310, 15.0212, 35.4913

# Triad

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



87.5250, 27.3492, 1.2936



83.0870, -28.6369, 38.5117



69.7920, 8.4835, -61.2076

# Complementary

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



87.5250, 27.3492, 1.2936



131.4750, -27.3492, -1.2936

# 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.



65.0520, -5.9416, -54.4196



87.5250, 27.3492, 1.2936



81.1200, -35.5552, 17.4348

# Square

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



87.5250, 27.3492, 1.2936



83.6170, -15.5872, 52.9559



77.8330, -27.0327, -9.5005



73.0810, 23.6241, -64.0920



# Rectangle

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



87.5250, 27.3492, 1.2936



85.6870, 5.0843, 49.3865



77.8330, -27.0327, -9.5005



67.9510, 3.9682, -59.5930

# Sweetspot

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



87.5250, 27.3492, 1.2936



164.4590, 10.6197, 0.4745



115.9230, 13.3490, -35.0125



80.7210, 6.5465, 0.2447



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

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



87.5250, 27.3492, 1.2936



99.8360, 42.4789, 1.8978



97.3920, 22.4847, 21.5812



65.3960, 2.7628, 0.5297



23.1640, 55.1351, 2.4872



1.2110, 3.3470, -0.1850



# Inverse Universe

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



102.1890, 13.7108, 35.7912



122.6720, 21.3607, 55.5387



121.6080, -22.4847, -21.5812



66.7770, 1.5889, 3.7036



52.7910, 27.7110, 72.0973



3.0760, 1.4415, 4.3183



# Previews

## White Background



This preview shows how the YUV color 87.5250, 27.3492, 1.2936 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



This preview shows how the YUV color 87.5250, 27.3492, 1.2936 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

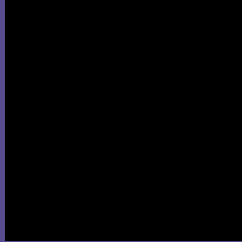
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 87.5250, 27.3492, 1.2936

## Background



This preview shows how black text looks on a background with the YUV color 87.5250, 27.3492, 1.2936.



This preview shows how white text looks on a background with the YUV color 87.5250, 27.3492,



# 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

87.5250, 27.3492, 1.2936

### Protanopia

83.1520, 32.9561, -23.8123

### Deuteranopia

82.1040, 29.0357, -26.4012



## Tritanopia

85.1070, 4.3842, -6.2328

# Trichromacy



## Original Color

87.5250, 27.3492, 1.2936

## Protanomaly

84.6370, 30.7450, -14.5906

## Deuteranomaly

83.7570, 28.7138, -16.4499

## Tritanomaly

86.0070, 12.8145, -3.5141

# Monochromacy



## Original Color

87.5250, 27.3492, 1.2936

## Achromatopsia

88.0000, 0.0000, 0.0000

## Achromatomaly

87.9320, 9.8935, 0.0596

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 87.5250, 27.3492, 1.2936 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(89, 76, 143)` looks like.

```
.text, #text, p{  
    color:rgb(89, 76, 143)  
}
```

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(89, 76, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 76, 143) }
```

## Border

The CSS property to change the border of an element to YUV 87.5250, 27.3492, 1.2936 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(89, 76, 143) }
```



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

```
.border{ border-color:rgb(89, 76, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 76, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 76, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 76, 143);  
box-shadow:4px 4px 4px 4px rgb(89, 76,  
143) }
```

# Background

The CSS property to change the background color of an element to YUV 87.5250, 27.3492, 1.2936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 76, 143) }
```

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

```
.background{ background-color: rgb(89, 76,  
143) }
```

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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