

# Converting Colors

YUV(57.7040, 36.1349, 30.0776)

Have a look what the booklet for  
YUV(57.7040, 36.1349, 30.0776)  
contains.

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# Color

**YUV(57.7040, 36.1349,  
30.0776)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C1A83
RGB	92, 26, 131
RGB Percent	36%, 10%, 51%
CMY	0.6392, 0.8980, 0.4863
CMYK	0.30, 0.80, 0.00, 0.49
HSL	278°, 67%, 31%
HSV	278°, 80%, 51%
XYZ	8.8798, 4.6528, 21.9028
YIQ	57.7040, 5.6310, 46.6470

# Conversions

## Conversions Part 2

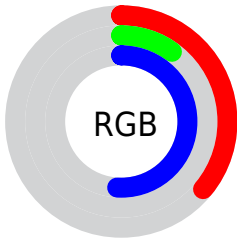
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 26, 131
Decimal	6036099
CIE <sub>Lab</sub>	25.72, 47.04, -45.25
CIE <sub>LCh</sub>	26, 65.274, 316.111
Yxy	4.6528, 0.2506, 0.1313
Android (android.graphics.Color)	4284226179 (0xFF5C1A83)
YUV	57.7040, 36.1349, 30.0776
Hunter-Lab	21.5703, 35.7342, -45.1046

# Details

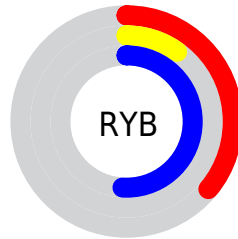
The YUV color **57.7040, 36.1349, 30.0776** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **99.2960, -36.1349, -30.0776**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.5300, 36.7137, 31.1072**, and **20.8950, 29.6318, 15.8781** is the 20% darker color. If you saturate the color by 10%, you get **48.5780, 40.6340, 33.6961**, and if you desaturate by 10%, it is **66.8300, 31.6358, 26.4591**.

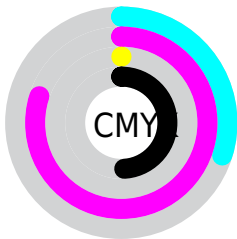
# Distribution



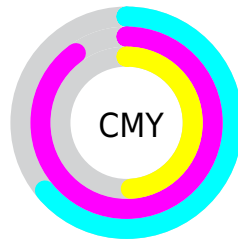
- Red (36%)
- Green (10%)
- Blue (51%)



- Red (36%)
- Yellow (10%)
- Blue (51%)



- Cyan (30%)
- Magenta (80%)
- Yellow (0%)
- Black (49%)



- Cyan (64%)
- Magenta (90%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 57.7040, 36.1349, 30.0776 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 57.7040, 36.1349, 30.0776 by changing the saturation by 10% instead.



■ 57.7040, 36.1349,  
30.0776

■ 57.7040, 36.1349,  
30.0776

■ 255.0000, 0.0000,  
0.0000

■ 31.7040, 36.1349,  
30.0776

■ 110.5300, 36.7137,  
31.1072

■ 20.8950, 29.6318,  
15.8781

■ 137.3560, 37.2925,  
32.1368

■ 10.0860, 23.1286,  
1.6786

■ 164.1820, 37.8713,  
33.1664

■ 5.0500, 14.2723,  
-4.4289

■ 190.2980, 31.8981,  
35.6957

■ 0.9120, 3.4944,  
-0.7998


■ 213.9100, 20.2574,  
36.0359


■ 0.0000, 0.0000,  
0.0000


■ 230.3460, 12.1544,


21.6216


 247.3690, 3.7621,  
6.6924


 57.7040, 36.1349,  
30.0776


 57.7040, 36.1349,  
30.0776


 48.5780, 40.6340,  
33.6961


 66.8300, 31.6358,  
26.4591

 39.4520, 45.1332,  
37.3146

 75.9560, 27.1367,  
22.8406

 85.0820, 22.6376,  
19.2221

 93.9090, 18.2859,  
14.9888

 103.0350, 13.7867,  
11.3703

■ 112.7480, 8.9982,  
7.2370

■ 121.8740, 4.4991,  
3.6185

■ 131.0000, 0.0000,  
0.0000

■ 140.1260, -4.4991,  
-3.6185

# Harmonies

## Analogous

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



52.7590, 52.3768, -46.2696



57.7040, 36.1349, 30.0776



49.8700, 17.8121, 73.7820

# Triad

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



57.7040, 36.1349, 30.0776



57.4560, -28.3258, 32.0491



56.8780, 14.8501, -49.8820

# Complementary

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



57.7040, 36.1349, 30.0776



99.2960, -36.1349, -30.0776

# 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.



49.7760, -7.2846, -43.6536



57.7040, 36.1349, 30.0776



54.5780, -26.9070, -3.1379

# Square

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



57.7040, 36.1349, 30.0776



44.1310, -21.7566, 71.7991



44.0250, -21.7043, -38.6099



61.5350, 35.2322, -53.9662



# Rectangle

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



57.7040, 36.1349, 30.0776



48.5000, 2.2185, 81.9995



44.0250, -21.7043, -38.6099



54.3530, 7.7140, -47.6676

# Sweetspot

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



57.7040, 36.1349, 30.0776



142.4480, 14.0761, 11.8851



61.4500, 34.2882, -31.0897



69.3350, 8.7088, 6.7222



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.



57.7040, 36.1349, 30.0776



56.4930, 56.4520, 46.9256



67.9970, 25.1445, 55.2536



61.8800, 2.0312, 1.8592



39.3380, 44.6964, 37.4146



0.9400, 1.0156, 0.9296



# Inverse Universe

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



61.8410, 1.5574, 60.6524



62.9900, 2.4699, 94.7248



89.0030, -25.1445, -55.2536



62.0220, -0.0108, 3.4887



44.3420, 1.8034, 75.1221



1.0110, -0.0054, 1.7444



# Previews

## White Background



This preview shows how the YUV color 57.7040, 36.1349, 30.0776 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 57.7040, 36.1349, 30.0776 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

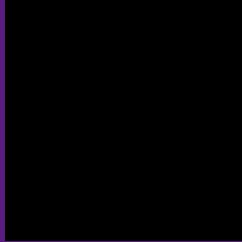
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 57.7040, 36.1349, 30.0776

## Background



This preview shows how black text looks on a background with the YUV color 57.7040, 36.1349, 30.0776.



This preview shows how white text looks on a background with the YUV color 57.7040, 36.1349,



# 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

57.7040, 36.1349, 30.0776

### Protanopia

49.6980, 38.1099, -43.5851

### Deuteranopia

50.1080, 29.5268, -43.9447



## Tritanopia

63.0450, -1.5012, 14.8695

# Trichromacy



## Original Color

57.7040, 36.1349, 30.0776

## Protanomaly

52.6350, 37.1549, -17.2199

## Deuteranomaly

52.6690, 32.2082, -17.2497

## Tritanomaly

60.7480, 12.4492, 20.3920

# Monochromacy



## Original Color

57.7040, 36.1349, 30.0776

## Achromatopsia

58.0000, 0.0000, 0.0000

## Achromatomaly

57.6220, 13.4974, 10.8555

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 57.7040, 36.1349, 30.0776 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(92, 26, 131)` looks like.

```
.text, #text, p{  
    color:rgb(92, 26, 131)  
}
```

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(92, 26, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 26, 131) }
```

## Border

The CSS property to change the border of an element to YUV 57.7040, 36.1349, 30.0776 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(92, 26, 131) }
```



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

```
.border{ border-color:rgb(92, 26, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 26, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 26, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 26, 131);  
box-shadow:4px 4px 4px 4px rgb(92, 26,  
131) }
```

# Background

The CSS property to change the background color of an element to YUV 57.7040, 36.1349, 30.0776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 26, 131) }
```

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

```
.background{ background-color: rgb(92, 26,  
131) }
```

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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