

# Converting Colors

YUV(36.3360, -2.6306, 50.5713)

Have a look what the booklet for  
YUV(36.3360, -2.6306, 50.5713)  
contains.

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# Color

**YUV(36.3360, -2.6306,  
50.5713)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 5E081F                    |
| RGB           | 94, 8, 31                 |
| RGB Percent   | 37%, 3%, 12%              |
| CMY           | 0.6314, 0.9686, 0.8784    |
| CMYK          | 0.00, 0.91, 0.67, 0.63    |
| HSL           | 344°, 84%, 20%            |
| HSV           | 344°, 91%, 37%            |
| XYZ           | 4.9502, 2.6523, 1.5474    |
| YIQ           | 36.3360, 43.8730, 25.3850 |

# Conversions

## Conversions Part 2

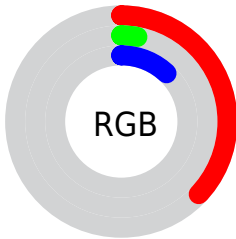
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 94, 8, 31                    |
| Decimal                             | 6162463                      |
| CIE Lab                             | 18.59, 37.61, 11.20          |
| CIE LCh                             | 19, 39.245, 16.583           |
| Yxy                                 | 2.6523, 0.5410,<br>0.2899    |
| Android<br>(android.graphics.Color) | 4284352543<br>(0xFF5E081F)   |
| YUV                                 | 36.3360, -2.6306,<br>50.5713 |
| Hunter-Lab                          | 16.2858, 25.7568,<br>5.7668  |

# Details

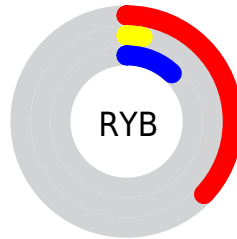
The YUV color **36.3360, -2.6306, 50.5713** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **65.6640, 2.6306, -50.5713**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.9680, -7.8722, 51.7711**, and **13.2700, -6.0491, 26.9502** is the 20% darker color. If you saturate the color by 10%, you get **30.9560, -2.9363, 55.2896**, and if you desaturate by 10%, it is **42.4170, -2.1776, 45.2383**.

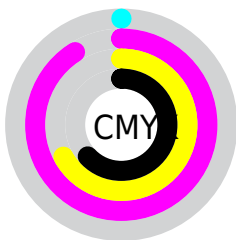
# Distribution



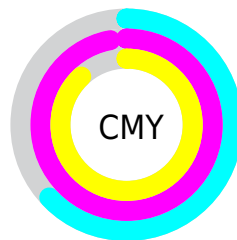
- Red (37%)
- Green (3%)
- Blue (12%)



- Red (37%)
- Yellow (3%)
- Blue (12%)



- Cyan (0%)
- Magenta (91%)
- Yellow (67%)
- Black (63%)



- Cyan (63%)
- Magenta (97%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 36.3360, -2.6306, 50.5713 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 36.3360, -2.6306, 50.5713 by changing the saturation by 10% instead.



36.3360, -2.6306,  
50.5713

36.3360, -2.6306,  
50.5713

253.2390, 0.8682,  
1.5444

21.1300, -6.9661,  
41.1050

89.9680, -7.8722,  
51.7711

13.2700, -6.0491,  
26.9502

116.0500, -8.8986,  
54.3302

0.0000, 0.0000,  
0.0000


142.2460, -9.4883,  
56.7893


169.7300,  
-10.2199, 58.1188


194.2240, -9.4774,  
53.3006


213.8520, -5.3500,


36.0868


 233.4800, -1.2226,  
18.8730


 36.3360, -2.6306,  
50.5713


 36.3360, -2.6306,  
50.5713


 30.9560, -2.9363,  
55.2896

 42.4170, -2.1776,  
45.2383

 49.0850, -2.0139,  
39.3905

 55.1660, -1.5608,  
34.0574

 61.8340, -1.3972,  
28.2096

 67.8010, -1.3809,  
22.9765

■ 73.8820, -0.9278,  
17.6435

■ 80.5500, -0.7641,  
11.7957

■ 86.6310, -0.3111,  
6.4626

■ 93.2990, -0.1474,  
0.6148

# Harmonies

## Analogous

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



39.7940, 9.4686, 43.1537



36.3360, -2.6306, 50.5713



40.3890, -19.9118, 40.0008

# Triad

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



36.3360, -2.6306, 50.5713



32.2960, -15.9219, -26.5696



42.0380, 29.0683, -36.8673

# Complementary

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



36.3360, -2.6306, 50.5713



65.6640, 2.6306, -50.5713

# 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.



42.6760, 21.3587, -37.4269



36.3360, -2.6306, 50.5713



36.9930, -2.9545, -32.4429

# Square

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



36.3360, -2.6306, 50.5713



41.6200, -20.5187, 1.2103



40.4130, 10.1494, -35.4422



36.6410, 31.2360, -32.1342



# Rectangle

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



36.3360, -2.6306, 50.5713



42.6710, -21.0368, 27.4755



40.4130, 10.1494, -35.4422



42.8700, 27.1791, -37.5970

# Sweetspot

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



36.3360, -2.6306, 50.5713



99.8930, -0.9332, 19.3878



36.3420, 28.4254, 29.5181



48.2510, -0.6167, 11.1809



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000



# Same Dimension

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



36.3360, -2.6306, 50.5713



40.2400, -3.5693, 71.7035



44.8670, -18.1754, 43.0896



42.7230, 0.1366, 2.8739



36.1960, -3.5476, 64.7261



78.0450, -7.4172, 139.4035



# Inverse Universe

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



36.3360, -2.6306, 50.5713



40.2400, -3.5693, 71.7035



57.1330, 18.1754, -43.0896



42.7230, 0.1366, 2.8739



36.1960, -3.5476, 64.7261

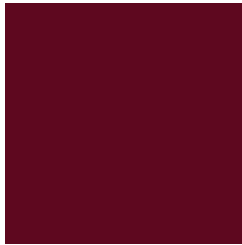


78.0450, -7.4172, 139.4035



# Previews

## White Background



This preview shows how the YUV color 36.3360, -2.6306, 50.5713 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

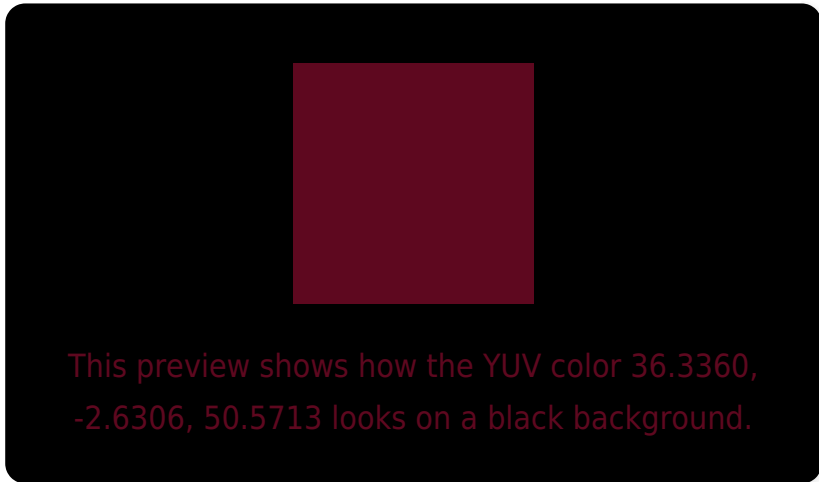
Any Text WCAG AA ✓ Pass

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 36.3360, -2.6306, 50.5713**

## **Background**



This preview shows how black text looks on a background with the YUV color 36.3360, -2.6306, 50.5713.



This preview shows how white text looks on a background with the YUV color 36.3360, -2.6306,



# 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

36.3360, -2.6306, 50.5713

### Protanopia

48.2560, -1.6052, 1.5295

### Deuteranopia

47.7210, -10.2155, 9.8917



## Tritanopia

37.5070, -12.0820, 48.6674

# Trichromacy



## Original Color

36.3360, -2.6306, 50.5713

## Protanomaly

43.6650, -1.8068, 19.5878

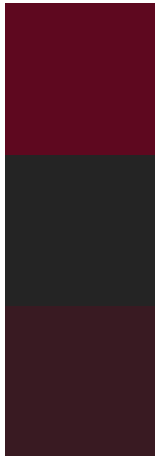
## Deuteranomaly

43.5040, -7.6435, 24.9910

## Tritanomaly

37.1310, -8.4456, 48.9971

# Monochromacy



## Original Color

36.3360, -2.6306, 50.5713

## Achromatopsia

36.0000, 0.0000, 0.0000

## Achromatomaly

36.1810, -1.0752, 18.2583

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 36.3360, -2.6306, 50.5713 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(94, 8, 31)` looks like.

```
.text, #text, p{  
    color:rgb(94, 8, 31)  
}
```

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(94, 8, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 8, 31) }
```

## Border

The CSS property to change the border of an element to YUV 36.3360, -2.6306, 50.5713 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(94, 8, 31) }
```



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

```
.border{ border-color:rgb(94, 8, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 8, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 8, 31); -webkit-box-shadow:4px  
4px 4px 4px rgb(94, 8, 31); box-shadow:4px  
4px 4px 4px rgb(94, 8, 31) }
```

# Background

The CSS property to change the background color of an element to YUV 36.3360, -2.6306, 50.5713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 8, 31) }
```

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

```
.background{ background-color: rgb(94, 8,  
31) }
```

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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