

# Converting Colors

YUV(68.4360, 6.1941, 113.6276)

Have a look what the booklet for  
YUV(68.4360, 6.1941, 113.6276)  
contains.

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# Color

**YUV(68.4360, 6.1941,  
113.6276)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C60051
RGB	198, 0, 81
RGB Percent	78%, 0%, 32%
CMY	0.2235, 1.0000, 0.6824
CMYK	0.00, 1.00, 0.59, 0.22
HSL	335°, 100%, 39%
HSV	335°, 100%, 78%
XYZ	24.7739, 12.5998, 8.9109
YIQ	68.4360, 92.0070, 67.1670

# Conversions

## Conversions Part 2

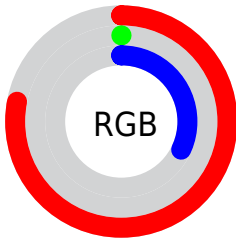
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 0, 81
Decimal	12976209
CIE Lab	42.15, 68.73, 13.43
CIE LCh	42, 70.027, 11.059
Yxy	12.5998, 0.5353, 0.2722
Android (android.graphics.Color)	4291166289 (0xFFC60051)
YUV	68.4360, 6.1941, 113.6276
Hunter-Lab	35.4963, 62.4620, 9.9634

# Details

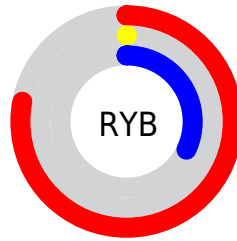
The YUV color **68.4360, 6.1941, 113.6276** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **129.5640, -6.1941, -113.6276**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.5470, -5.6927, 99.4983**, and **44.8820, -3.8858, 79.9105** is the 20% darker color. If you saturate the color by 10%, you get **68.4360, 6.1941, 113.6276**, and if you desaturate by 10%, it is **81.5440, 5.6478, 102.1319**.

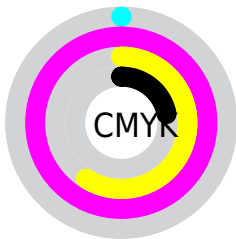
# Distribution



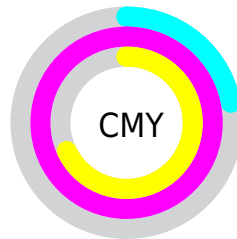
- Red (78%)
- Green (0%)
- Blue (32%)



- Red (78%)
- Yellow (0%)
- Blue (32%)



- Cyan (0%)
- Magenta (100%)
- Yellow (59%)
- Black (22%)



- Cyan (22%)
- Magenta (100%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 68.4360, 6.1941, 113.6276 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 68.4360, 6.1941, 113.6276 by changing the saturation by 10% instead.



■ 68.4360, 6.1941,  
113.6276

■ 68.4360, 6.1941,  
113.6276

255.0000, 0.0000,  
0.0000

■ 56.5450, 0.7173,  
96.8690

■ 141.5470, -5.6927,  
99.4983

■ 44.8820, -3.8858,  
79.9105

■ 161.5340, -2.7283,  
81.9697

■ 33.6320, -8.1996,  
63.4667

■ 182.2220, 0.3836,  
63.8263

■ 23.3650, -10.0399,  
47.0379

■ 202.3230, 3.7848,  
46.1977

■ 13.9820, -5.9071,  
28.0798

■ 222.5380, 7.6228,  
28.4692

■ 0.0000, 0.0000,  
0.0000

■ 242.0860, 6.3666,

11.3256

■ 68.4360, 6.1941,  
113.6276

■ 81.5440, 5.6478,  
102.1319

■ 94.5380, 4.6648,  
90.7362

■ 107.0590, 4.4079,  
79.7553

■ 120.1670, 3.8617,  
68.2595

■ 133.2750, 3.3154,  
56.7638

■ 146.2690, 2.3324,  
45.3681

■ 159.3770, 1.7861,  
33.8724

■ 171.8980, 1.5293,  
22.8915

■ 184.8920, 0.5462,  
11.4957

# Harmonies

## Analogous

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



86.8740, 25.2051, 82.5485



68.4360, 6.1941, 113.6276



87.4010, -31.2567, 85.5943

# Triad

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



68.4360, 6.1941, 113.6276



75.8660, -37.4019, -43.7325



92.0320, 58.1582, -80.7121

# Complementary

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



68.4360, 6.1941, 113.6276



129.5640, -6.1941, -113.6276

# 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.



92.1510, 40.8446, -80.8164



68.4360, 6.1941, 113.6276



77.7530, -9.2452, -68.1894

# Square

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



68.4360, 6.1941, 113.6276



91.5460, -45.1322, 9.1682



86.4680, 16.5313, -75.8324



83.2100, 64.9725, -72.9752



# Rectangle

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



68.4360, 6.1941, 113.6276



91.8870, -45.3003, 63.2431



86.4680, 16.5313, -75.8324



92.7670, 53.3589, -81.3567

# Sweetspot

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



68.4360, 6.1941, 113.6276



205.2580, 2.3378, 43.6237



56.9570, 69.5342, 50.9037



97.8060, 1.0816, 26.4801



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



68.4360, 6.1941, 113.6276



88.1010, 7.8382, 146.3704



69.1810, -34.1062, 112.9743



93.1470, 0.4205, 5.1331



56.3750, 5.2381, 93.5101



12.4740, 1.2453, 20.6323



# Inverse Universe

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



68.4360, 6.1941, 113.6276



88.1010, 7.8382, 146.3704



129.4060, 33.8168, -113.4891



93.1470, 0.4205, 5.1331



56.3750, 5.2381, 93.5101



12.4740, 1.2453, 20.6323



# Previews

## White Background



This preview shows how the YUV color 68.4360, 6.1941, 113.6276 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 × Fail



# Black Background



This preview shows how the YUV color 68.4360, 6.1941, 113.6276 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 68.4360, 6.1941, 113.6276

## Background



This preview shows how black text looks on a background with the YUV color 68.4360, 6.1941, 113.6276.



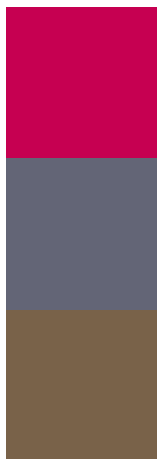
This preview shows how white text looks on a background with the YUV color 68.4360, 6.1941, 113.6276.



# 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

68.4360, 6.1941, 113.6276

### Protanopia

102.3400, 7.7204, -2.9292

### Deuteranopia

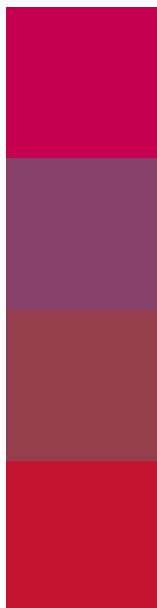
102.0270, -14.3103, 16.6393



## Tritanopia

80.9220, -24.6115, 100.9234

# Trichromacy



## Original Color

68.4360, 6.1941, 113.6276

## Protanomaly

89.9030, 7.4428, 39.5501

## Deuteranomaly

89.6090, -6.7092, 52.0859

## Tritanomaly

76.2290, -13.4239, 105.9162

# Monochromacy



## Original Color

68.4360, 6.1941, 113.6276

## Achromatopsia

68.0000, 0.0000, 0.0000

## Achromatomaly

67.9480, 2.4906, 41.2646

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 68.4360, 6.1941, 113.6276 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(198, 0, 81)` looks like.

```
.text, #text, p{  
    color:rgb(198, 0, 81)  
}
```

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(198, 0, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 0, 81) }
```

## Border

The CSS property to change the border of an element to YUV 68.4360, 6.1941, 113.6276 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(198, 0, 81) }
```



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

```
.border{ border-color:rgb(198, 0, 81) }
```

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

Here you see how a box with a 4 pixel rgb(198, 0, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 0, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 0, 81);  
box-shadow:4px 4px 4px 4px rgb(198, 0, 81)  
}
```

# Background

The CSS property to change the background color of an element to YUV 68.4360, 6.1941, 113.6276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 0, 81) }
```

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

```
.background{ background-color: rgb(198, 0,  
81) }
```

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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