

# Converting Colors

YUV(76.5000, 29.3335,  
111.8175)

Have a look what the booklet for  
YUV(76.5000, 29.3335, 111.8175)  
contains.

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# Color

**YUV(76.5000, 29.3335,  
111.8175)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC0088
RGB	204, 0, 136
RGB Percent	80%, 0%, 53%
CMY	0.2000, 1.0000, 0.4667
CMYK	0.00, 1.00, 0.33, 0.20
HSL	320°, 100%, 40%
HSV	320°, 100%, 80%
XYZ	29.3458, 14.6149, 24.5668
YIQ	76.5000, 77.9280, 85.5440

# Conversions

## Conversions Part 2

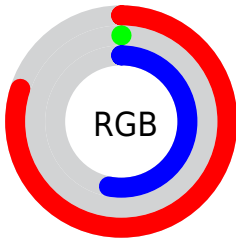
<b>Format</b>	<b>Color</b>
<b>RYB</b>	204, 0, 136
Decimal	13369480
CIELab	45.10, 74.57, -16.41
CIElCh	45, 76.352, 347.590
Yxy	14.6149, 0.4282, 0.2133
Android (android.graphics.Color)	4291559560 (0xFFCC0088)
YUV	76.5000, 29.3335, 111.8175
Hunter-Lab	38.2295, 70.1188, -11.3400

# Details

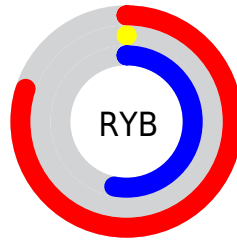
The YUV color **76.5000, 29.3335, 111.8175** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **127.5000, -29.3335, -111.8175**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.0340, 19.2102, 92.0552**, and **52.8600, 16.3380, 79.9298** is the 20% darker color. If you saturate the color by 10%, you get **76.5000, 29.3335, 111.8175**, and if you desaturate by 10%, it is **89.0380, 26.6033, 100.8217**.

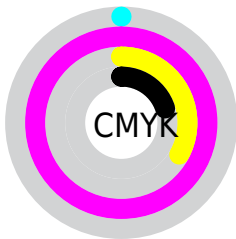
# Distribution



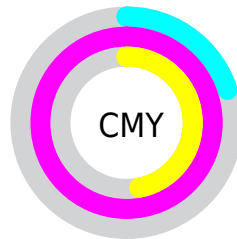
- Red (80%)
- Green (0%)
- Blue (53%)



- Red (80%)
- Yellow (0%)
- Blue (53%)



- Cyan (0%)
- Magenta (100%)
- Yellow (33%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 76.5000, 29.3335, 111.8175 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 76.5000, 29.3335, 111.8175 by changing the saturation by 10% instead.





 76.5000, 29.3335,  
111.8175


 76.5000, 29.3335,  
111.8175


255.0000, 0.0000,  
0.0000


 64.6800, 22.8358,  
95.8736

 150.0340, 19.2102,  
92.0552


 52.8600, 16.3380,  
79.9298

 171.4230, 22.4695,  
73.2970


 41.5670, 10.5665,  
64.4007


 191.7520, 26.7443,  
55.4685

 30.3880, 5.2317,  
48.7717

 210.3880, 21.9937,  
39.1247

 19.5080, -0.2504,  
33.7575

 227.9980, 13.3120,  
23.6808

 6.5780, -3.2430,  
13.5251

 245.6080, 4.6303,

 0.0000, 0.0000,

■ 76.5000, 29.3335,  
111.8175

■ 89.0380, 26.6033,  
100.8217

■ 102.1630, 23.5836,  
89.3110

■ 114.5870, 20.4166,  
78.4152

■ 127.7120, 17.3970,  
66.9046

■ 140.2500, 14.6668,  
55.9087

■ 152.7880, 11.9365,  
44.9129

■ 165.9130, 8.9169,  
33.4023

■ 178.3370, 5.7499,  
22.5065

■ 191.4620, 2.7302,  
10.9958

# Harmonies

## Analogous

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



106.6050, 43.0857, 40.6884



76.5000, 29.3335, 111.8175



72.3080, 0.3412, 124.2639

# Triad

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



76.5000, 29.3335, 111.8175



95.9100, -47.2836, -0.7981



99.8110, 49.8862, -87.5342

# Complementary

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



76.5000, 29.3335, 111.8175



127.5000, -29.3335, -111.8175

# 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.



94.4870, 24.4099, -82.8651



76.5000, 29.3335, 111.8175



73.9620, -36.4633, -64.8647

# Square

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



76.5000, 29.3335, 111.8175



100.6260, -49.6086, 45.0550



85.6750, -4.2768, -75.1370



98.1760, 66.4682, -86.1004



# Rectangle

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



76.5000, 29.3335, 111.8175



90.0590, -29.1161, 99.0493



85.6750, -4.2768, -75.1370



98.4600, 42.1712, -86.3494

# Sweetspot

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



76.5000, 29.3335, 111.8175



207.5380, 11.0738, 41.6242



43.5880, 79.0831, 21.4093



99.1740, 6.3232, 25.2804



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.



76.5000, 29.3335, 111.8175



95.6250, 36.6669, 139.7719



64.8720, -15.2199, 122.0153



95.7880, 1.5835, 5.4479



62.2880, 24.0150, 90.9554



14.3260, 5.7553, 20.7621



# Inverse Universe

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



76.5000, 29.3335, 111.8175



95.6250, 36.6669, 139.7719



139.1280, 15.2199, -122.0153



95.7880, 1.5835, 5.4479



62.2880, 24.0150, 90.9554



14.3260, 5.7553, 20.7621



# Previews

## White Background



This preview shows how the YUV color 76.5000, 29.3335, 111.8175 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

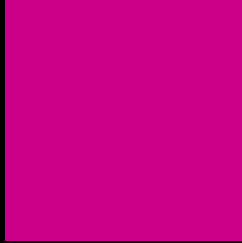
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 76.5000, 29.3335, 111.8175 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

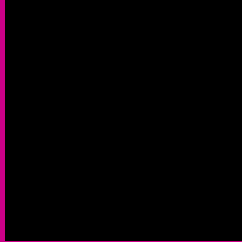
Any Text WCAG AA × Fail

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 76.5000, 29.3335, 111.8175 Background



This preview shows how black text looks on a background with the YUV color 76.5000, 29.3335, 111.8175.



This preview shows how white text looks on a background with the YUV color 76.5000, 29.3335,



# 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

76.5000, 29.3335, 111.8175

### Protanopia

104.3710, 44.1871, -32.7744

### Deuteranopia

109.8890, 8.4357, 0.9743



## Tritanopia

97.5830, -20.5004, 88.9427

# Trichromacy



## Original Color

76.5000, 29.3335, 111.8175



## Protanomaly

94.0340, 38.9302, 20.1412



## Deuteranomaly

97.5040, 16.0205, 41.6540



## Tritanomaly

89.7470, -2.3403, 97.5689

# Monochromacy



## Original Color

76.5000, 29.3335, 111.8175



## Achromatopsia

77.0000, 0.0000, 0.0000



## Achromatomaly

76.7120, 10.4950, 40.5946

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 76.5000, 29.3335, 111.8175 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(204, 0, 136)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 136)  
}
```

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(204, 0, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 136) }
```

## Border

The CSS property to change the border of an element to YUV 76.5000, 29.3335, 111.8175 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(204, 0, 136) }
```



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

```
.border{ border-color:rgb(204, 0, 136) }
```

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

Here you see how a box with a 4 pixel rgb(204, 0, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 136);  
box-shadow:4px 4px 4px 4px rgb(204, 0,  
136) }
```

# Background

The CSS property to change the background color of an element to YUV 76.5000, 29.3335, 111.8175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 136) }
```

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

```
.background{ background-color: rgb(204, 0,  
136) }
```

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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