

Converting Colors

YUV(76.7990, 29.1861,
112.4323)

Have a look what the booklet for
YUV(76.7990, 29.1861, 112.4323)
contains.

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Color

**YUV(76.7990, 29.1861,
112.4323)**

Conversions

Conversions Part 1

Format	Color
Hex	CD0088
RGB	205, 0, 136
RGB Percent	80%, 0%, 53%
CMY	0.1961, 1.0000, 0.4667
CMYK	0.00, 1.00, 0.34, 0.20
HSL	320°, 100%, 40%
HSV	320°, 100%, 80%
XYZ	29.6208, 14.7567, 24.5797
YIQ	76.7990, 78.5240, 85.7560

Conversions

Conversions Part 2

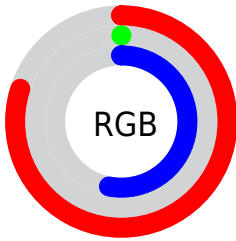
Format	Color
R_{YB}	205, 0, 136
Decimal	13435016
CIE _{Lab}	45.30, 74.77, -16.09
CIE _{LCh}	45, 76.483, 347.856
Yxy	14.7567, 0.4296, 0.2140
Android (android.graphics.Color)	4291625096 (0xFFCD0088)
YUV	76.7990, 29.1861, 112.4323
Hunter-Lab	38.4145, 70.4132, -11.0469

Details

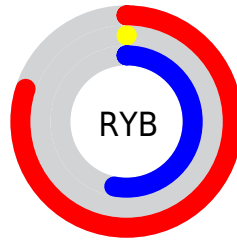
The YUV color **76.7990, 29.1861, 112.4323** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **128.2010, -29.1861, -112.4323**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.0340, 19.2102, 92.0552**, and **53.1590, 16.1906, 80.5446** is the 20% darker color. If you saturate the color by 10%, you get **76.7990, 29.1861, 112.4323**, and if you desaturate by 10%, it is **89.3370, 26.4559, 101.4365**.

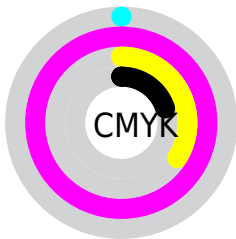
Distribution



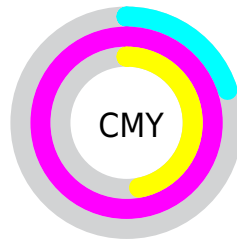
- Red (80%)
- Green (0%)
- Blue (53%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (34%)
- Black (20%)





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

Brightness & Saturation Gradients


These gradients show how the YUV color 76.7990, 29.1861, 112.4323 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 76.7990, 29.1861, 112.4323 by changing the saturation by 10% instead.


 76.7990, 29.1861,
112.4323


 76.7990, 29.1861,
112.4323


255.0000, 0.0000,
0.0000


 64.9790, 22.6884,
96.4884

 150.0340, 19.2102,
92.0552


 53.1590, 16.1906,
80.5446


 171.4230, 22.4695,
73.2970


 41.8660, 10.4191,
65.0155

 192.3390, 26.4549,
54.9537

 30.6870, 5.0843,
49.3865

 210.3880, 21.9937,
39.1247

 19.8070, -0.3979,
34.3723

 227.9980, 13.3120,
23.6808

 7.2900, -3.1010,
14.6547

 245.6080, 4.6303,

 0.0000, 0.0000,

8.2368

0.0000

■ 76.7990, 29.1861,
112.4323

■ 89.3370, 26.4559,
101.4365

■ 102.4620, 23.4362,
89.9258

■ 115.5870, 20.4166,
78.4152

■ 128.1250, 17.6864,
67.4194

■ 141.2500, 14.6668,
55.9087

■ 153.6740, 11.4997,
45.0129

■ 166.7990, 8.4801,
33.5023

■ 179.3370, 5.7499,
22.5065

■ 192.4620, 2.7302,
10.9958

Harmonies

Analogous

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



106.9040, 42.9383, 41.3032



76.7990, 29.1861, 112.4323



72.6070, 0.1937, 124.8787

Triad

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



76.7990, 29.1861, 112.4323



96.4970, -47.5730, -1.3129



100.5120, 50.0336, -88.1490

Complementary

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



76.7990, 29.1861, 112.4323



128.2010, -29.1861, -112.4323

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.



95.1880, 24.5573, -83.4799



76.7990, 29.1861, 112.4323



74.5490, -36.7527, -65.3795

Square

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



76.7990, 29.1861, 112.4323



101.2130, -49.8980, 44.5402



86.3760, -4.1294, -75.7518



98.8770, 66.6156, -86.7151

Rectangle

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



76.7990, 29.1861, 112.4323



90.9450, -29.5529, 99.1492



86.3760, -4.1294, -75.7518



99.1610, 42.3186, -86.9642

Sweetspot

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



76.7990, 29.1861, 112.4323



207.4240, 10.6370, 41.7242



43.7020, 79.5199, 21.3093



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.



76.7990, 29.1861, 112.4323



95.5110, 36.2301, 139.8719



65.1710, -15.3673, 122.6300



95.7880, 1.5835, 5.4479



62.1740, 23.5782, 91.0554



14.2120, 5.3185, 20.8621

Inverse Universe

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



76.7990, 29.1861, 112.4323



95.5110, 36.2301, 139.8719



139.8290, 15.3673, -122.6300



95.7880, 1.5835, 5.4479



62.1740, 23.5782, 91.0554



14.2120, 5.3185, 20.8621

Previews

White Background



This preview shows how the YUV color 76.7990, 29.1861, 112.4323 looks on a white background.

Color Contrast Check

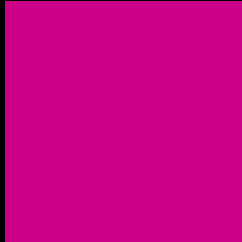
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.7990, 29.1861, 112.4323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

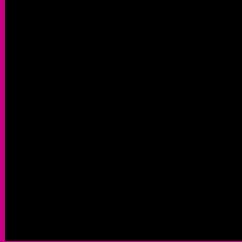
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.7990, 29.1861, 112.4323

Background



This preview shows how black text looks on a background with the YUV color 76.7990, 29.1861, 112.4323.



This preview shows how white text looks on a background with the YUV color 76.7990, 29.1861,

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

76.7990, 29.1861, 112.4323

Protanopia

105.2570, 43.7503, -32.6744

Deuteranopia

110.7750, 7.9989, 1.0743



Tritanopia

97.8820, -20.6478, 89.5575

Trichromacy



Original Color

76.7990, 29.1861, 112.4323



Protanomaly

94.9200, 38.4934, 20.2412



Deuteranomaly

98.3900, 15.5837, 41.7540



Tritanomaly

90.0460, -2.4877, 98.1837

Monochromacy



Original Color

76.7990, 29.1861, 112.4323



Achromatopsia

77.0000, 0.0000, 0.0000



Achromatomaly

77.0110, 10.3476, 41.2094

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.7990, 29.1861, 112.4323 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(205, 0, 136)` looks like.

```
.text, #text, p{  
    color:rgb(205, 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(205, 0, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 0, 136) }
```

Border

The CSS property to change the border of an element to YUV 76.7990, 29.1861, 112.4323 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(205, 0, 136) }
```


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

```
.border{ border-color:rgb(205, 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(205, 0, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 0, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 0, 136);  
box-shadow:4px 4px 4px 4px rgb(205, 0,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 76.7990, 29.1861, 112.4323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 0, 136) }
```

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

```
.background{ background-color: rgb(205, 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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