

Converting Colors

YUV(78.1370, 26.5545,
116.5209)

Have a look what the booklet for
YUV(78.1370, 26.5545, 116.5209)
contains.

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Color

**YUV(78.1370, 26.5545,
116.5209)**

Conversions

Conversions Part 1

Format	Color
Hex	D30084
RGB	211, 0, 132
RGB Percent	83%, 0%, 52%
CMY	0.1725, 1.0000, 0.4824
CMYK	0.00, 1.00, 0.37, 0.17
HSL	322°, 100%, 41%
HSV	322°, 100%, 83%
XYZ	31.0288, 15.5148, 23.1891
YIQ	78.1370, 83.3840, 85.7840

Conversions

Conversions Part 2

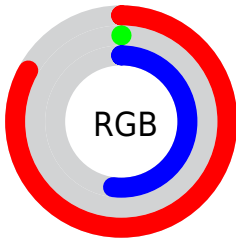
Format	Color
RYB	211, 0, 132
Decimal	13828228
CIELab	46.33, 75.61, -11.97
CIElCh	46, 76.552, 351.005
Yxy	15.5148, 0.4450, 0.2225
Android (android.graphics.Color)	4292018308 (0xFFD30084)
YUV	78.1370, 26.5545, 116.5209
Hunter-Lab	39.3889, 71.6840, -7.3331

Details

The YUV color **78.1370, 26.5545, 116.5209** 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 **132.8630, -26.5545, -116.5209**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.7520, 16.8843, 91.4255**, and **54.3120, 14.1432, 83.9184** is the 20% darker color. If you saturate the color by 10%, you get **78.1370, 26.5545, 116.5209**, and if you desaturate by 10%, it is **91.3760, 23.9716, 104.9102**.

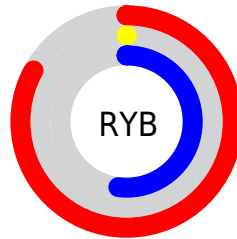
Distribution



Red (83%)

Green (0%)

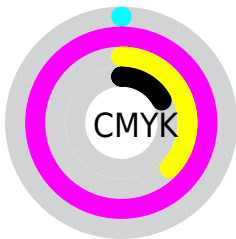
Blue (52%)



Red (83%)

Yellow (0%)

Blue (52%)

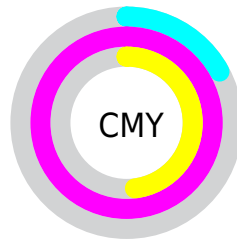


Cyan (0%)

Magenta (100%)

Yellow (37%)

Black (17%)



Cyan (17%)


Magenta (100%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.1370, 26.5545, 116.5209 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 78.1370, 26.5545, 116.5209 by changing the saturation by 10% instead.


 78.1370, 26.5545,
116.5209


 78.1370, 26.5545,
116.5209


255.0000, 0.0000,
0.0000


 66.3170, 20.0567,
100.5770

 150.7520, 16.8843,
91.4255


 54.3120, 14.1432,
83.9184


 171.5540, 20.4329,
73.1821


 42.9050, 7.9348,
68.4893


 192.3560, 23.9815,
54.9388

 31.5410, 3.1843,
52.1455

 211.5620, 21.4149,
38.0951

 20.9600, -2.4453,
37.7461

 229.1720, 12.7332,
22.6512

 9.0840, -3.9854,
18.3433

 246.7820, 4.0515,

 0.0000, 0.0000,

7.2072

0.0000

■ 78.1370, 26.5545,
116.5209

■ 91.3760, 23.9716,
104.9102

■ 104.6150, 21.3888,
93.2996

■ 117.8540, 18.8060,
81.6890

■ 131.0930, 16.2232,
70.0784

■ 144.8050, 12.9141,
58.0530

■ 158.0440, 10.3313,
46.4424

■ 171.2830, 7.7485,
34.8318

■ 184.5220, 5.1657,
23.2212

■ 197.7610, 2.5828,
11.6106

Harmonies

Analogous

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



108.7910, 41.0220, 49.2953



78.1370, 26.5545, 116.5209



80.3800, -5.6103, 119.8157

Triad

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



78.1370, 26.5545, 116.5209



97.6490, -48.1410, -5.8312



102.5980, 52.9492, -89.9784

Complementary

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



78.1370, 26.5545, 116.5209



132.8630, -26.5545, -116.5209

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.



97.9750, 27.6203, -85.9241



78.1370, 26.5545, 116.5209



77.1080, -34.5632, -67.6237

Square

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



78.1370, 26.5545, 116.5209



103.5500, -51.0501, 40.7367



89.2770, -0.6296, -78.2959



99.9200, 68.0734, -87.6298

Rectangle

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



78.1370, 26.5545, 116.5209



95.0710, -34.0520, 95.5307



89.2770, -0.6296, -78.2959



101.3610, 45.6710, -88.8936

Sweetspot

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



78.1370, 26.5545, 116.5209



207.0820, 9.3266, 42.0241



47.0770, 80.8140, 26.2425



98.9460, 5.4496, 25.4804



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.



78.1370, 26.5545, 116.5209



94.4850, 32.2989, 140.7717



66.2810, -18.8725, 126.9186



98.0870, 1.4361, 6.0627



62.2020, 21.0994, 92.7848



15.2230, 5.3131, 22.6064

Inverse Universe

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



78.1370, 26.5545, 116.5209



94.4850, 32.2989, 140.7717



144.7190, 18.8725, -126.9186



98.0870, 1.4361, 6.0627



62.2020, 21.0994, 92.7848



15.2230, 5.3131, 22.6064

Previews

White Background



This preview shows how the YUV color 78.1370, 26.5545, 116.5209 looks on a white background.

Color Contrast Check

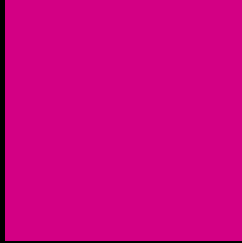
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.1370, 26.5545, 116.5209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

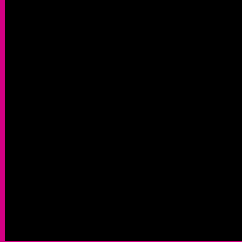
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.1370, 26.5545, 116.5209

Background



This preview shows how black text looks on a background with the YUV color 78.1370, 26.5545, 116.5209.



This preview shows how white text looks on a background with the YUV color 78.1370, 26.5545,

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

78.1370, 26.5545, 116.5209

Protanopia

108.8510, 39.5135, -27.0563

Deuteranopia

113.2870, 4.7885, 4.1333



Tritanopia

98.2740, -21.8271, 94.4757

Trichromacy



Original Color

78.1370, 26.5545, 116.5209



Protanomaly

97.3290, 34.8408, 25.1445



Deuteranomaly

100.3150, 12.6627, 45.3277



Tritanomaly

90.9110, -4.3931, 102.6871

Monochromacy



Original Color

78.1370, 26.5545, 116.5209



Achromatopsia

78.0000, 0.0000, 0.0000



Achromatomaly

78.1960, 9.7634, 41.9241

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.1370, 26.5545, 116.5209 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(211, 0, 132)` looks like.

```
.text, #text, p{  
    color:rgb(211, 0, 132)  
}
```

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(211, 0, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 0, 132) }
```

Border

The CSS property to change the border of an element to YUV 78.1370, 26.5545, 116.5209 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(211, 0, 132) }
```


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

```
.border{ border-color:rgb(211, 0, 132) }
```

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

Here you see how a box with a 4 pixel rgb(211, 0, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 0, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 0, 132);  
box-shadow:4px 4px 4px 4px rgb(211, 0,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 78.1370, 26.5545, 116.5209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 0, 132) }
```

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

```
.background{ background-color: rgb(211, 0,  
132) }
```

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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