

Converting Colors

YUV(79.9910, 41.4164,
109.6329)

Have a look what the booklet for
YUV(79.9910, 41.4164, 109.6329)
contains.

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Color

**YUV(79.9910, 41.4164,
109.6329)**

Conversions

Conversions Part 1

Format	Color
Hex	CD00A4
RGB	205, 0, 164
RGB Percent	80%, 0%, 64%
CMY	0.1961, 1.0000, 0.3569
CMYK	0.00, 1.00, 0.20, 0.20
HSL	312°, 100%, 40%
HSV	312°, 100%, 80%
XYZ	31.8777, 15.6595, 36.4644
YIQ	79.9910, 69.5360, 94.4640

Conversions

Conversions Part 2

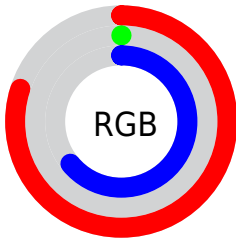
Format	Color
RYB	205, 0, 164
Decimal	13435044
CIELab	46.52, 77.89, -31.09
CIElCh	47, 83.864, 338.242
Yxy	15.6595, 0.3795, 0.1864
Android (android.graphics.Color)	4291625124 (0xFFCD00A4)
YUV	79.9910, 41.4164, 109.6329
Hunter-Lab	39.5721, 74.5414, -26.9334

Details

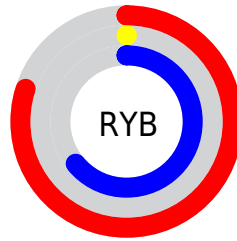
The YUV color **79.9910, 41.4164, 109.6329** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **125.0090, -41.4164, -109.6329**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.6280, 31.7354, 88.0262**, and **56.4220, 27.4000, 78.5599** is the 20% darker color. If you saturate the color by 10%, you get **79.9910, 41.4164, 109.6329**, and if you desaturate by 10%, it is **92.1870, 37.3758, 98.9370**.

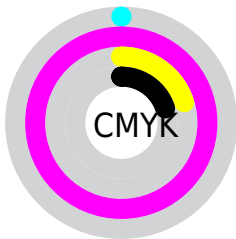
Distribution



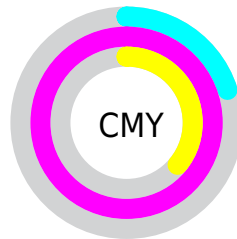
- Red (80%)
- Green (0%)
- Blue (64%)



- Red (80%)
- Yellow (0%)
- Blue (64%)



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





- Cyan (20%)
- Magenta (100%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 79.9910, 41.4164, 109.6329 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 79.9910, 41.4164, 109.6329 by changing the saturation by 10% instead.


 79.9910, 41.4164,
109.6329


 79.9910, 41.4164,
109.6329


255.0000, 0.0000,
0.0000


 67.9430, 34.0451,
93.8890


 154.6280, 31.7354,
88.0262


 56.4220, 27.4000,
78.5599


 176.1310, 35.4314,
69.1681


 44.9010, 20.7548,
63.2308


 193.9520, 30.0967,
53.5391

 33.4940, 14.5465,
47.8018

 211.5620, 21.4149,
38.0951

 22.9130, 8.9169,
33.4023

 229.1720, 12.7332,
22.6512

 11.0220, 3.4402,
16.6437

 246.7820, 4.0515,

 0.0000, 0.0000,

7.2072

0.0000

■ 79.9910, 41.4164,
109.6329

■ 92.1870, 37.3758,
98.9370

■ 104.9700, 33.0458,
87.7263

■ 117.7530, 28.7158,
76.5156

■ 129.9490, 24.6751,
65.8197

■ 142.8460, 20.7819,
54.5091

■ 155.0420, 16.7413,
43.8132

■ 167.8250, 12.4113,
32.6025

■ 180.0210, 8.3706,
21.9066

■ 192.8040, 4.0406,
10.6959

Harmonies

Analogous

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



110.6650, 55.3812, 16.9568



79.9910, 41.4164, 109.6329



78.8880, 7.4502, 130.7712

Triad

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



79.9910, 41.4164, 109.6329



102.2000, -50.3846, 13.8566



103.4640, 46.1132, -90.7379

Complementary

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



79.9910, 41.4164, 109.6329



125.0090, -41.4164, -109.6329

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.



95.7120, 16.4110, -83.9394



79.9910, 41.4164, 109.6329



82.3010, -40.5744, -52.8840

Square

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



79.9910, 41.4164, 109.6329



102.8070, -50.6839, 63.3133



85.8740, -16.2069, -75.3115



105.1860, 67.9423, -92.2481

Rectangle

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



79.9910, 41.4164, 109.6329



72.2630, -11.4687, 132.1963



85.8740, -16.2069, -75.3115



101.6570, 36.6511, -89.1532

Sweetspot

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



79.9910, 41.4164, 109.6329



208.6780, 15.4417, 40.6244



35.6290, 83.4999, 4.7104



99.8580, 8.9440, 24.6805



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.



79.9910, 41.4164, 109.6329



99.5010, 51.5180, 136.3726



68.3630, -3.1370, 119.8306



95.9020, 2.0203, 5.3479



64.7960, 33.6246, 88.7559



14.8960, 7.9393, 20.2622

Inverse Universe

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



79.9910, 41.4164, 109.6329



99.5010, 51.5180, 136.3726



136.7510, 3.5738, -119.9306



95.9020, 2.0203, 5.3479



64.7960, 33.6246, 88.7559



14.8960, 7.9393, 20.2622

Previews

White Background



This preview shows how the YUV color 79.9910, 41.4164, 109.6329 looks on a white background.

Color Contrast Check

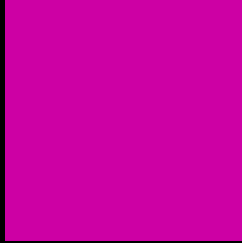
Large Text (above 18pt) WCAG AA ✓ Pass

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 79.9910, 41.4164, 109.6329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

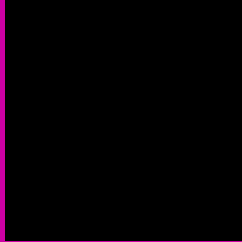
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.9910, 41.4164, 109.6329

Background



This preview shows how black text looks on a background with the YUV color 79.9910, 41.4164, 109.6329.



This preview shows how white text looks on a background with the YUV color 79.9910, 41.4164,

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



Protanopia

89.7300, 69.6461, -78.6932

Deuteranopia

112.6130, 20.4038, -11.0616

Tritanopia

104.8100, -18.1473, 80.8506

Trichromacy



Protanomaly

86.5260, 59.3937, -10.1083

Deuteranomaly

100.9510, 28.1252, 32.4920

Tritanomaly

95.6090, 3.6438, 91.5509

Monochromacy



Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.9660, 15.2998, 39.4948

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.9910, 41.4164, 109.6329 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(205, 0, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 0, 164) }
```

Border

The CSS property to change the border of an element to YUV 79.9910, 41.4164, 109.6329 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, 164) }
```

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

```
.border{ border-color:rgb(205, 0, 164) }
```

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, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 0, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 0, 164);  
box-shadow:4px 4px 4px 4px rgb(205, 0,  
164) }
```


Background

The CSS property to change the background color of an element to YUV 79.9910, 41.4164, 109.6329 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, 164) }
```

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

```
.background{ background-color: rgb(205, 0,  
164) }
```

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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