

Converting Colors

YUV(94.7880, 29.1915,
110.6879)

Have a look what the booklet for
YUV(94.7880, 29.1915, 110.6879)
contains.

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Color

**YUV(94.7880, 29.1915,
110.6879)**

Conversions

Conversions Part 1

Format	Color
Hex	DD139A
RGB	221, 19, 154
RGB Percent	87%, 7%, 60%
CMY	0.1333, 0.9255, 0.3961
CMYK	0.00, 0.91, 0.30, 0.13
HSL	320°, 84%, 47%
HSV	320°, 91%, 87%
XYZ	35.8844, 18.1710, 32.1879
YIQ	94.7880, 77.0570, 84.8090

Conversions

Conversions Part 2

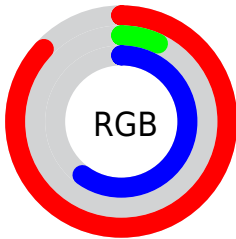
Format	Color
R_{YB}	221, 19, 154
Decimal	14488474
CIE _{Lab}	49.70, 78.17, -19.95
CIE _{LCh}	50, 80.680, 345.683
Yxy	18.1710, 0.4161, 0.2107
Android (android.graphics.Color)	4292678554 (0xFFDD139A)
YUV	94.7880, 29.1915, 110.6879
Hunter-Lab	42.6274, 75.6659, -14.9305

Details

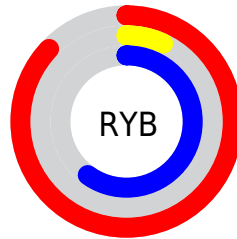
The YUV color **94.7880, 29.1915, 110.6879** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **145.2120, -29.1915, -110.6879**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.5970, 25.3417, 85.4224**, and **59.8810, 21.2577, 88.6814** is the 20% darker color. If you saturate the color by 10%, you get **82.9510, 32.0692, 121.0690**, and if you desaturate by 10%, it is **108.5000, 25.8825, 98.6625**.

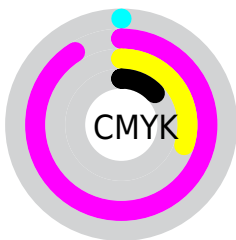
Distribution



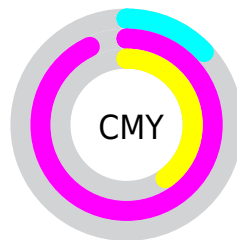
- Red (87%)
- Green (7%)
- Blue (60%)



- Red (87%)
- Yellow (7%)
- Blue (60%)



- Cyan (0%)
- Magenta (91%)
- Yellow (30%)
- Black (13%)





- Cyan (13%)
- Magenta (93%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YUV color 94.7880, 29.1915, 110.6879 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 94.7880, 29.1915, 110.6879 by changing the saturation by 10% instead.


 94.7880, 29.1915,
110.6879


 94.7880, 29.1915,
110.6879


255.0000, 0.0000,
0.0000


 71.7010, 27.7554,
104.6252

 157.5970, 25.3417,
85.4224


 59.8810, 21.2577,
88.6814


 178.9860, 28.6009,
66.6643


 48.1750, 15.1967,
72.6375


 198.6480, 27.7815,
49.4207

 36.7680, 8.9884,
57.2085

 216.2580, 19.0998,
33.9767

 26.0020, 3.9430,
42.0942

 233.8680, 10.4181,
18.5328

 14.2530, -3.5757,
26.9651

 251.4780, 1.7363,

 0.0000, 0.0000,

3.0888

0.0000

■ 94.7880, 29.1915,
110.6879

■ 94.7880, 29.1915,
110.6879

■ 82.9510, 32.0692,
121.0690

■ 108.5000, 25.8825,
98.6625

■ 122.3260, 23.0103,
86.5371

■ 136.0380, 19.7013,
74.5117

■ 149.7500, 16.3923,
62.4863

■ 164.1630, 13.2306,
49.8460

■ 177.8750, 9.9216,
37.8206

■ 191.5870, 6.6126,
25.7952

■ 205.4130, 3.7404,
13.6698

■ 219.1250, 0.4314,
1.6444

Harmonies

Analogous

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



119.0330, 47.3117, 38.5591



94.7880, 29.1915, 110.6879



80.0690, 2.9240, 135.8745

Triad

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



94.7880, 29.1915, 110.6879



107.1510, -52.8254, 3.3756



109.7390, 52.3867, -96.2411

Complementary

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



94.7880, 29.1915, 110.6879



145.2120, -29.1915, -110.6879

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.



103.8450, 24.7264, -91.0721



94.7880, 29.1915, 110.6879



81.5930, -40.2253, -71.5571

Square

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



94.7880, 29.1915, 110.6879



111.2910, -54.8665, 51.4878



94.4630, -6.1443, -82.8441



108.6740, 71.1527, -95.3071

Rectangle

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



94.7880, 29.1915, 110.6879



99.9400, -28.5644, 108.8006



94.4630, -6.1443, -82.8441



108.1600, 43.7981, -94.8563

Sweetspot

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



94.7880, 29.1915, 110.6879



211.8750, 9.9216, 37.8206



61.1640, 78.7991, 19.1502



102.3370, 5.7499, 22.5065



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.



94.7880, 29.1915, 110.6879



95.6250, 36.6669, 139.7719



83.6160, -13.6147, 120.4858



103.0870, 1.4361, 6.0627



64.9510, 25.1672, 94.7590



17.2880, 6.7600, 25.1804

Inverse Universe

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



94.7880, 29.1915, 110.6879



95.6250, 36.6669, 139.7719



156.3840, 13.6147, -120.4858



103.0870, 1.4361, 6.0627



64.9510, 25.1672, 94.7590



17.2880, 6.7600, 25.1804

Previews

White Background



This preview shows how the YUV color 94.7880, 29.1915, 110.6879 looks on a white background.

Color Contrast Check

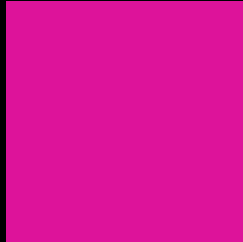
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.7880, 29.1915, 110.6879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

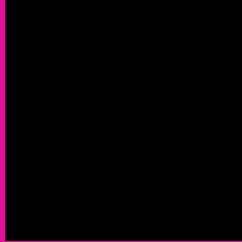
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 94.7880, 29.1915, 110.6879

Background



This preview shows how black text looks on a background with the YUV color 94.7880, 29.1915, 110.6879.



This preview shows how white text looks on a background with the YUV color 94.7880, 29.1915,

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

94.7880, 29.1915, 110.6879

Protanopia

113.5750, 51.4815, -39.0923

Deuteranopia

120.6760, 11.4987, -1.4699



Tritanopia

108.6760, -21.5323, 93.2461

Trichromacy



Original Color

94.7880, 29.1915, 110.6879



Protanomaly

106.8530, 43.4565, 15.0379



Deuteranomaly

111.0630, 18.2099, 39.4097



Tritanomaly

103.5300, -3.2193, 99.5132

Monochromacy



Original Color

94.7880, 29.1915, 110.6879



Achromatopsia

95.0000, 0.0000, 0.0000



Achromatomaly

94.7120, 10.4950, 40.5946

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.7880, 29.1915, 110.6879 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(221, 19, 154)` looks like.

```
.text, #text, p{  
    color:rgb(221, 19, 154)  
}
```

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(221, 19, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 19, 154) }
```

Border

The CSS property to change the border of an element to YUV 94.7880, 29.1915, 110.6879 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(221, 19, 154) }
```


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

```
.border{ border-color:rgb(221, 19, 154) }
```

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

Here you see how a box with a 4 pixel rgb(221, 19, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 19, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 19, 154);  
box-shadow:4px 4px 4px 4px rgb(221, 19,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 94.7880, 29.1915, 110.6879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 19, 154) }
```

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

```
.background{ background-color: rgb(221, 19,  
154) }
```

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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