

Converting Colors

YUV(94.9020, 29.6283,
110.5879)

Have a look what the booklet for
YUV(94.9020, 29.6283, 110.5879)
contains.

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Color

**YUV(94.9020, 29.6283,
110.5879)**

Conversions

Conversions Part 1

Format	Color
Hex	DD139B
RGB	221, 19, 155
RGB Percent	87%, 7%, 61%
CMY	0.1333, 0.9255, 0.3922
CMYK	0.00, 0.91, 0.30, 0.13
HSL	320°, 84%, 47%
HSV	320°, 91%, 87%
XYZ	35.9681, 18.2045, 32.6284
YIQ	94.9020, 76.7360, 85.1200

Conversions

Conversions Part 2

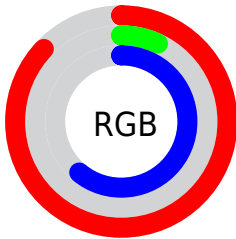
Format	Color
R_{YB}	221, 19, 155
Decimal	14488475
CIE _{Lab}	49.74, 78.28, -20.49
CIE _{LCh}	50, 80.917, 345.334
Yxy	18.2045, 0.4144, 0.2097
Android (android.graphics.Color)	4292678555 (0xFFDD139B)
YUV	94.9020, 29.6283, 110.5879
Hunter-Lab	42.6667, 75.8090, -15.4741

Details

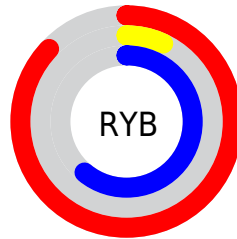
The YUV color **94.9020, 29.6283, 110.5879** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **145.0980, -29.6283, -110.5879**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.7110, 25.7785, 85.3225**, and **59.9950, 21.6945, 88.5814** is the 20% darker color. If you saturate the color by 10%, you get **83.0650, 32.5060, 120.9690**, and if you desaturate by 10%, it is **108.6140, 26.3193, 98.5625**.

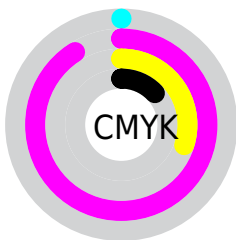
Distribution



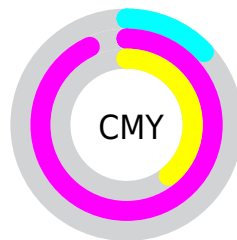
- Red (87%)
- Green (7%)
- Blue (61%)



- Red (87%)
- Yellow (7%)
- Blue (61%)



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





- Cyan (13%)
- Magenta (93%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YUV color 94.9020, 29.6283, 110.5879 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 94.9020, 29.6283, 110.5879 by changing the saturation by 10% instead.


 94.9020, 29.6283,
110.5879


 94.9020, 29.6283,
110.5879


255.0000, 0.0000,
0.0000


 71.8150, 28.1922,
104.5252

 157.7110, 25.7785,
85.3225


 59.9950, 21.6945,
88.5814


 179.1000, 29.0377,
66.5643


 48.1750, 15.1967,
72.6375


 198.6480, 27.7815,
49.4207

 36.8820, 9.4252,
57.1085

 216.2580, 19.0998,
33.9767

 26.4150, 4.2324,
42.6090

 233.8680, 10.4181,
18.5328

 14.3670, -3.1389,
26.8651

 251.4780, 1.7363,

 0.0000, 0.0000,

3.0888

0.0000

■ 94.9020, 29.6283,
110.5879

■ 94.9020, 29.6283,
110.5879

■ 83.0650, 32.5060,
120.9690

■ 108.6140, 26.3193,
98.5625

■ 122.3260, 23.0103,
86.5371

■ 136.1520, 20.1381,
74.4117

■ 149.8640, 16.8290,
62.3863

■ 164.1630, 13.2306,
49.8460

■ 177.8750, 9.9216,
37.8206

■ 191.7010, 7.0494,
25.6952

■ 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.



119.4350, 47.6065, 37.3295



94.9020, 29.6283, 110.5879



80.1830, 3.3608, 135.7745

Triad

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



94.9020, 29.6283, 110.5879



107.4500, -52.9728, 3.9904



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.



94.9020, 29.6283, 110.5879



145.0980, -29.6283, -110.5879

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.



103.7310, 24.2896, -90.9721



94.9020, 29.6283, 110.5879



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.



94.9020, 29.6283, 110.5879



111.5900, -55.0139, 52.1026



94.3490, -6.5811, -82.7441



108.6740, 71.1527, -95.3071

Rectangle

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



94.9020, 29.6283, 110.5879



99.6520, -28.4224, 109.9302



94.3490, -6.5811, -82.7441



108.1600, 43.7981, -94.8563

Sweetspot

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



94.9020, 29.6283, 110.5879



211.9890, 10.3584, 37.7206



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.



94.9020, 29.6283, 110.5879



95.8530, 37.5405, 139.5719



83.6160, -13.6147, 120.4858



103.0870, 1.4361, 6.0627



65.0650, 25.6040, 94.6590



17.2880, 6.7600, 25.1804

Inverse Universe

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



94.9020, 29.6283, 110.5879



95.8530, 37.5405, 139.5719



156.3840, 13.6147, -120.4858



103.0870, 1.4361, 6.0627



65.0650, 25.6040, 94.6590



17.2880, 6.7600, 25.1804

Previews

White Background



This preview shows how the YUV color 94.9020, 29.6283, 110.5879 looks on a white background.

Color Contrast Check

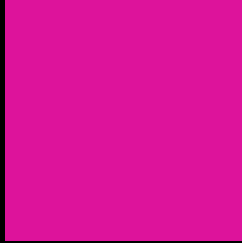
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.9020, 29.6283, 110.5879 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 94.9020, 29.6283, 110.5879

Background



This preview shows how black text looks on a background with the YUV color 94.9020, 29.6283, 110.5879.



This preview shows how white text looks on a background with the YUV color 94.9020, 29.6283,

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

94.9020, 29.6283, 110.5879

Protanopia

113.3900, 52.0657, -39.8070

Deuteranopia

120.4910, 12.0829, -2.1846



Tritanopia

108.7900, -21.0955, 93.1462

Trichromacy



Original Color

94.9020, 29.6283, 110.5879



Protanomaly

106.9670, 43.8933, 14.9379



Deuteranomaly

110.8780, 18.7941, 38.6950



Tritanomaly

103.6440, -2.7825, 99.4132

Monochromacy



Original Color

94.9020, 29.6283, 110.5879



Achromatopsia

95.0000, 0.0000, 0.0000



Achromatomaly

94.8260, 10.9318, 40.4946

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.9020, 29.6283, 110.5879 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(221, 19, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 19, 155) }
```

Border

The CSS property to change the border of an element to YUV 94.9020, 29.6283, 110.5879 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, 155) }
```


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

```
.border{ border-color:rgb(221, 19, 155) }
```

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, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 19, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 19, 155);  
box-shadow:4px 4px 4px 4px rgb(221, 19,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 94.9020, 29.6283, 110.5879 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, 155) }
```

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

```
.background{ background-color: rgb(221, 19,  
155) }
```

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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