

Converting Colors

YUV(120.4900, 27.8594,
117.9653)

Have a look what the booklet for
YUV(120.4900, 27.8594, 117.9653)
contains.

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Color

**YUV(120.4900, 27.8594,
117.9653)**

Conversions

Conversions Part 1

Format	Color
Hex	FF29B1
RGB	255, 41, 177
RGB Percent	100%, 16%, 69%
CMY	0.0000, 0.8392, 0.3059
CMYK	0.00, 0.84, 0.31, 0.00
HSL	322°, 100%, 58%
HSV	322°, 84%, 100%
XYZ	49.9688, 26.0202, 43.9837
YIQ	120.4900, 83.8880, 87.6640

Conversions

Conversions Part 2

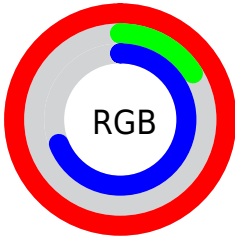
Format	Color
RYB	255, 41, 177
Decimal	16722353
CIELab	58.06, 84.34, -20.16
CIElCh	58, 86.712, 346.555
Yxy	26.0202, 0.4165, 0.2169
Android (android.graphics.Color)	4294912433 (0xFFFF29B1)
YUV	120.4900, 27.8594, 117.9653
Hunter-Lab	51.0100, 85.5888, -15.4162

Details

The YUV color **120.4900, 27.8594, 117.9653** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **175.5100, -27.8594, -117.9653**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.7250, 31.1946, 74.7862**, and **71.8430, 25.7134, 106.2547** is the 20% darker color. If you saturate the color by 10%, you get **104.7890, 31.1630, 131.7350**, and if you desaturate by 10%, it is **136.1910, 24.5558, 104.1955**.

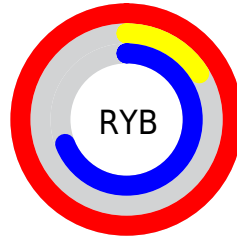
Distribution



Red (100%)

Green (16%)

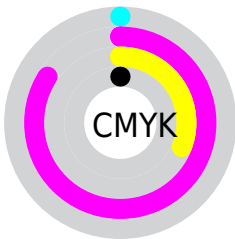
Blue (69%)



Red (100%)

Yellow (16%)

Blue (69%)

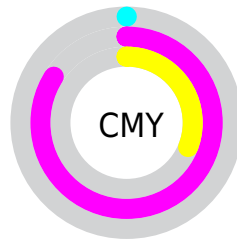


Cyan (0%)

Magenta (84%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (84%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.4900, 27.8594, 117.9653 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 120.4900, 27.8594, 117.9653 by changing the saturation by 10% instead.


 120.4900, 27.8594,
117.9653


 120.4900, 27.8594,
117.9653


255.0000, 0.0000,
0.0000


 84.0760, 32.5005,
122.7133


 169.7250, 31.1946,
74.7862


 71.8430, 25.7134,
106.2547

 190.4300, 31.8330,
56.6279

 59.7240, 19.3631,
89.6961


 208.6270, 22.8619,
40.6691

 48.0180, 13.3021,
73.6522

 226.2370, 14.1802,
25.2252

 36.4260, 7.6780,
57.5084

 244.4340, 5.2090,
9.2664

 25.6600, 2.6326,
42.3942

 13.5690, -6.1965,

27.5650

■ 0.0000, 0.0000,
0.0000

■ 120.4900, 27.8594,
117.9653

■ 120.4900, 27.8594,
117.9653

■ 104.7890, 31.1630,
131.7350

■ 136.1910, 24.5558,
104.1955

■ 94.7130, 33.1725,
140.5717

■ 152.5930, 21.3997,
89.8109

■ 168.8810, 17.8067,
75.5264

■ 184.5820, 14.5031,
61.7566

■ 200.8700, 10.9101,
47.4720

216.6850, 8.0433,
33.6023

232.9730, 4.4503,
19.3177

248.6740, 1.1467,
5.5479

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



141.1030, 51.2212, 44.6367



120.4900, 27.8594, 117.9653



106.6570, -2.2959, 130.0968

Triad

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



120.4900, 27.8594, 117.9653



126.3330, -62.2822, 3.2160



127.5890, 59.8556, -111.8956

Complementary

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



120.4900, 27.8594, 117.9653



175.5100, -27.8594, -117.9653

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.



121.5980, 29.2852, -106.6414



120.4900, 27.8594, 117.9653



95.6810, -47.1707, -83.9122

Square

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



120.4900, 27.8594, 117.9653



131.6910, -64.9237, 57.2760



111.3040, -5.0799, -97.6136



122.4030, 65.3703, -107.3474

Rectangle

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



120.4900, 27.8594, 117.9653



122.2030, -34.1171, 116.4630



111.3040, -5.0799, -97.6136



126.4830, 50.5409, -110.9256

Sweetspot

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



120.4900, 27.8594, 117.9653



214.8100, 8.4747, 35.2466



87.8210, 82.4192, 24.7130



103.5110, 5.1711, 21.4769



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.



120.4900, 27.8594, 117.9653



94.7130, 33.1725, 140.5717



108.6340, -17.5676, 128.3630



119.7990, 1.5781, 7.1923



71.0170, 25.1346, 105.2251



23.8100, 8.4747, 35.2466

Inverse Universe

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



120.4900, 27.8594, 117.9653



94.7130, 33.1725, 140.5717



187.3660, 17.5676, -128.3630



119.7990, 1.5781, 7.1923



71.0170, 25.1346, 105.2251



23.8100, 8.4747, 35.2466

Previews

White Background



This preview shows how the YUV color 120.4900, 27.8594, 117.9653 looks on a white background.

Color Contrast Check

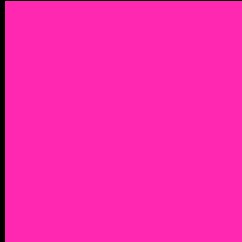
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 120.4900, 27.8594, 117.9653 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 120.4900, 27.8594, 117.9653 Background



This preview shows how black text looks on a background with the YUV color 120.4900, 27.8594, 117.9653.



This preview shows how white text looks on a background with the YUV color 120.4900, 27.8594, 117.9653.

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

120.4900, 27.8594, 117.9653

Protanopia

135.1560, 53.6601, -37.8478

Deuteranopia

141.5020, 12.0775, -0.4403



Tritanopia

129.2860, -23.3120, 104.1122

Trichromacy



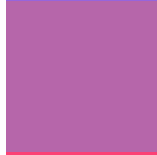
Original Color

120.4900, 27.8594, 117.9653



Protanomaly

129.5160, 44.6086, 18.8415



Deuteranomaly

133.6720, 17.9097, 42.3837



Tritanomaly

126.5420, -4.7042, 109.1497

Monochromacy



Original Color

120.4900, 27.8594, 117.9653



Achromatopsia

120.0000, 0.0000, 0.0000



Achromatomaly

120.0220, 10.3422, 42.9537

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.4900, 27.8594, 117.9653 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(255, 41, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 41, 177)  
}
```

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(255, 41, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 41, 177) }
```

Border

The CSS property to change the border of an element to YUV 120.4900, 27.8594, 117.9653 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(255, 41, 177) }
```


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

```
.border{ border-color:rgb(255, 41, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 41, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 41, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 41, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 41,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 120.4900, 27.8594, 117.9653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 41, 177) }
```

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

```
.background{ background-color: rgb(255, 41,  
177) }
```

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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