

Converting Colors

YUV(120.1990, 19.1289,
118.2205)

Have a look what the booklet for
YUV(120.1990, 19.1289, 118.2205)
contains.

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Color

**YUV(120.1990, 19.1289,
118.2205)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2C9F
RGB	255, 44, 159
RGB Percent	100%, 17%, 62%
CMY	0.0000, 0.8275, 0.3765
CMYK	0.00, 0.83, 0.38, 0.00
HSL	327°, 100%, 59%
HSV	327°, 83%, 100%
XYZ	48.3987, 25.5646, 35.1844
YIQ	120.1990, 88.8410, 80.4970

Conversions

Conversions Part 2

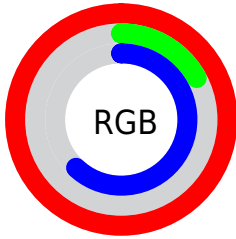
Format	Color
R_{YB}	255, 44, 159
Decimal	16723103
CIE _{Lab}	57.62, 81.94, -10.31
CIE _{LCh}	58, 82.584, 352.828
Yxy	25.5646, 0.4434, 0.2342
Android (android.graphics.Color)	4294913183 (0xFFFF2C9F)
YUV	120.1990, 19.1289, 118.2205
Hunter-Lab	50.5614, 82.3823, -5.8655

Details

The YUV color **120.1990, 19.1289, 118.2205** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **178.8010, -19.1289, -118.2205**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1460, 22.6060, 76.1710**, and **70.0190, 18.7246, 107.8543** is the 20% darker color. If you saturate the color by 10%, you get **104.1560, 21.1221, 132.2902**, and if you desaturate by 10%, it is **136.8290, 16.8463, 103.6360**.

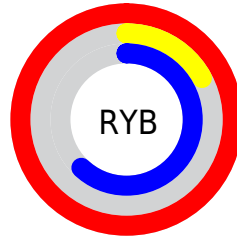
Distribution



Red (100%)

Green (17%)

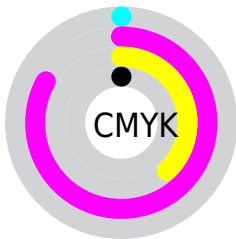
Blue (62%)



Red (100%)

Yellow (17%)

Blue (62%)

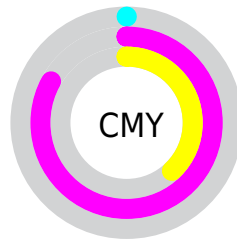


Cyan (0%)

Magenta (83%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (83%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.1990, 19.1289, 118.2205 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 120.1990, 19.1289, 118.2205 by changing the saturation by 10% instead.


 120.1990, 19.1289,
118.2205


 120.1990, 19.1289,
118.2205


255.0000, 0.0000,
0.0000


 82.1380, 25.0750,
124.4130


 168.1460, 22.6060,
76.1710


 70.0190, 18.7246,
107.8543

 189.5350, 25.8652,
57.4128


 57.9000, 12.3743,
91.2957


 208.6270, 22.8619,
40.6691

 46.0090, 6.8976,
74.5371

 226.8240, 13.8908,
24.7104

 34.6450, 2.1470,
58.1933

 244.4340, 5.2090,
9.2664

 23.7650, -3.3351,
43.1791

 12.3730, -5.6069,

25.1059

■ 0.0000, 0.0000,
0.0000

■ 120.1990, 19.1289,
118.2205

■ 120.1990, 19.1289,
118.2205

■ 104.1560, 21.1221,
132.2902

■ 136.8290, 16.8463,
103.6360

■ 92.0910, 23.1261,
142.8712

■ 152.7580, 14.4163,
89.6662

■ 169.3880, 12.1337,
75.0817

■ 185.3170, 9.7037,
61.1120

■ 201.9470, 7.4211,
46.5275

217.9900, 5.4279,
32.4578

234.5060, 2.7085,
17.9732

250.5490, 0.7153,
3.9035

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.



138.5410, 43.6103, 59.1615



120.1990, 19.1289, 118.2205



117.3880, -14.4883, 120.6857

Triad

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



120.1990, 19.1289, 118.2205



123.0220, -60.6498, -7.0353



126.2840, 62.4710, -110.7511

Complementary

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



120.1990, 19.1289, 118.2205



178.8010, -19.1289, -118.2205

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.



121.2050, 35.3949, -106.2968



120.1990, 19.1289, 118.2205



100.1270, -30.1356, -87.8114

Square

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



120.1990, 19.1289, 118.2205



130.1410, -64.1595, 45.4803



112.0680, 2.9245, -98.2836



118.8810, 67.1067, -104.2586

Rectangle

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



120.1990, 19.1289, 118.2205



126.0630, -41.9361, 104.3077



112.0680, 2.9245, -98.2836



125.5200, 54.4666, -110.0810

Sweetspot

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



120.1990, 19.1289, 118.2205



214.1260, 5.8539, 35.8465



96.4590, 78.1607, 37.3085



103.0550, 3.4239, 21.8768



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.



120.1990, 19.1289, 118.2205



93.9660, 22.6948, 141.2268



108.3430, -26.2981, 128.6182



119.6850, 1.1413, 7.2923



68.9650, 17.2723, 107.0247



23.1260, 5.8539, 35.8465

Inverse Universe

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



120.1990, 19.1289, 118.2205



93.9660, 22.6948, 141.2268



190.6570, 26.2981, -128.6182



119.6850, 1.1413, 7.2923



68.9650, 17.2723, 107.0247



23.1260, 5.8539, 35.8465

Previews

White Background



This preview shows how the YUV color 120.1990, 19.1289, 118.2205 looks on a white background.

Color Contrast Check

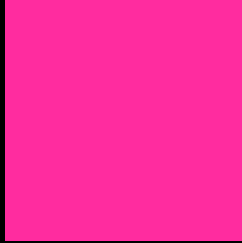
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.1990, 19.1289, 118.2205 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 120.1990, 19.1289, 118.2205 Background



This preview shows how black text looks on a background with the YUV color 120.1990, 19.1289, 118.2205.



This preview shows how white text looks on a background with the YUV color 120.1990, 19.1289, 118.2205.

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

120.1990, 19.1289, 118.2205

Protanopia

137.0900, 40.3816, -25.5119

Deuteranopia

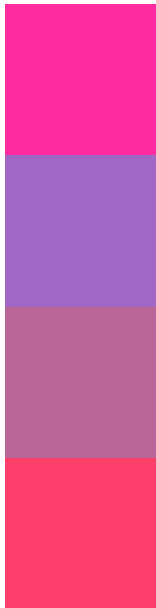
140.3690, 3.7621, 6.6924



Tritanopia

126.2650, -24.7806, 108.5156

Trichromacy



Original Color

120.1990, 19.1289, 118.2205

Protanomaly

131.0580, 32.5094, 26.2591

Deuteranomaly

133.1150, 9.3103, 47.2571

Tritanomaly

123.8260, -8.7882, 112.4086

Monochromacy



Original Color

120.1990, 19.1289, 118.2205

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.8110, 6.9952, 43.1388

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.1990, 19.1289, 118.2205 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, 44, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 44, 159)  
}
```

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, 44, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 44, 159) }
```

Border

The CSS property to change the border of an element to YUV 120.1990, 19.1289, 118.2205 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, 44, 159) }
```


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

```
.border{ border-color:rgb(255, 44, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 44, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 44, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 44, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 44,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 120.1990, 19.1289, 118.2205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 44, 159) }
```

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

```
.background{ background-color: rgb(255, 44,  
159) }
```

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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