

Converting Colors

YUV(109.2120, 12.7135,
122.5941)

Have a look what the booklet for
YUV(109.2120, 12.7135, 122.5941)
contains.

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Color

**YUV(109.2120, 12.7135,
122.5941)**

Conversions

Conversions Part 1

Format	Color
Hex	F92187
RGB	249, 33, 135
RGB Percent	98%, 13%, 53%
CMY	0.0235, 0.8706, 0.4706
CMYK	0.00, 0.87, 0.46, 0.02
HSL	332°, 95%, 55%
HSV	332°, 87%, 98%
XYZ	43.9840, 22.9767, 25.0384
YIQ	109.2120, 95.9940, 77.5140

Conversions

Conversions Part 2

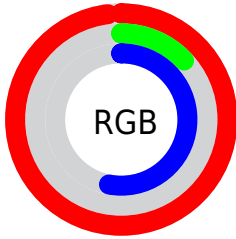
Format	Color
R_{YB}	249, 33, 135
Decimal	16327047
CIE _{Lab}	55.05, 80.50, -0.03
CIE _{LCh}	55, 80.500, 359.976
Yxy	22.9767, 0.4781, 0.2497
Android (android.graphics.Color)	4294517127 (0xFFFF92187)
YUV	109.2120, 12.7135, 122.5941
Hunter-Lab	47.9340, 79.9058, 2.5836

Details

The YUV color **109.2120, 12.7135, 122.5941** 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 **172.7880, -12.7135, -122.5941**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.0730, 13.2750, 82.3740**, and **65.4180, 10.1469, 105.7504** is the 20% darker color. If you saturate the color by 10%, you get **93.0550, 14.2699, 136.7638**, and if you desaturate by 10%, it is **125.3690, 11.1571, 108.4244**.

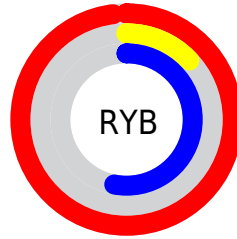
Distribution



Red (98%)

Green (13%)

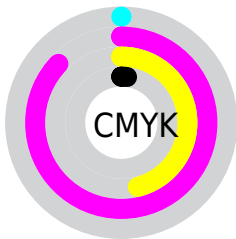
Blue (53%)



Red (98%)

Yellow (13%)

Blue (53%)

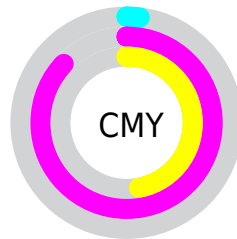


Cyan (0%)

Magenta (87%)

Yellow (46%)

Black (2%)



Cyan (2%)

Magenta (87%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.2120, 12.7135, 122.5941 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 109.2120, 12.7135, 122.5941 by changing the saturation by 10% instead.

109.2120, 12.7135,
122.5941

109.2120, 12.7135,
122.5941

255.0000, 0.0000,
0.0000

77.4230, 16.0605,
122.4090

161.0730, 13.2750,
82.3740

65.4180, 10.1469,
105.7504

182.4620, 16.5342,
63.6158

53.5270, 4.6702,
88.9918

203.2640, 20.0828,
45.3725

41.7500, -0.3698,
72.1333

222.1280, 16.2059,
28.8287

30.5000, -4.6835,
55.6895

240.3250, 7.2348,
12.8700

19.4780, -8.1237,
39.0458

9.0840, -3.9854,

18.3433

■ 0.0000, 0.0000,
0.0000

■ 109.2120, 12.7135,
122.5941

■ 109.2120, 12.7135,
122.5941

■ 93.0550, 14.2699,
136.7638

■ 125.3690, 11.1571,
108.4244

■ 87.9030, 14.8378,
141.2821

■ 141.5260, 9.6007,
94.2547

■ 157.6830, 8.0443,
80.0850

■ 173.9540, 6.9247,
65.8153

■ 190.1110, 5.3683,
51.6457

205.6810, 4.1013,
37.9908

221.8380, 2.5449,
23.8211

237.9950, 0.9885,
9.6514

252.9780, 0.0108,
-3.4887

Harmonies

Analogous

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



129.0930, 36.4362, 73.5864



109.2120, 12.7135, 122.5941



115.2380, -23.7813, 114.6783

Triad

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



109.2120, 12.7135, 122.5941



112.9000, -55.6597, -20.9603



120.4140, 65.3649, -105.6031

Complementary

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



109.2120, 12.7135, 122.5941



172.7880, -12.7135, -122.5941

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.



117.3070, 40.7676, -102.8782



109.2120, 12.7135, 122.5941



98.4290, -21.4105, -86.3222

Square

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



109.2120, 12.7135, 122.5941



123.5630, -60.9166, 31.9552



109.3270, 10.1918, -95.8798



111.8370, 70.5794, -98.0810

Rectangle

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



109.2120, 12.7135, 122.5941



120.4670, -51.5022, 92.5524



109.3270, 10.1918, -95.8798



120.4650, 57.9448, -105.6478

Sweetspot

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



109.2120, 12.7135, 122.5941



212.2680, 3.8119, 37.4760



91.1120, 77.8388, 47.2598



102.1260, 2.4029, 22.6915



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.



109.2120, 12.7135, 122.5941



89.9250, 14.8270, 144.7708



99.9320, -32.9975, 130.7326



116.5710, 0.7045, 7.3922



66.6570, 11.0151, 107.2948



21.5450, 3.6753, 34.6020

Inverse Universe

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



109.2120, 12.7135, 122.5941



89.9250, 14.8270, 144.7708



182.0680, 32.9975, -130.7326



116.5710, 0.7045, 7.3922



66.6570, 11.0151, 107.2948



21.5450, 3.6753, 34.6020

Previews

White Background



This preview shows how the YUV color 109.2120, 12.7135, 122.5941 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 109.2120, 12.7135, 122.5941 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 109.2120, 12.7135, 122.5941 Background



This preview shows how black text looks on a background with the YUV color 109.2120, 12.7135, 122.5941.



This preview shows how white text looks on a background with the YUV color 109.2120, 12.7135,

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

109.2120, 12.7135, 122.5941

Protanopia

131.7570, 28.7138, -16.4499

Deuteranopia

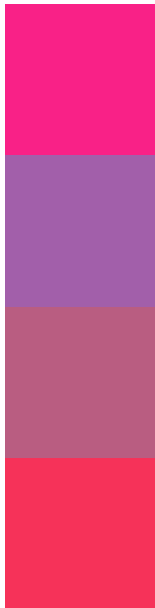
133.6380, -4.2585, 12.5955



Tritanopia

115.5430, -26.3967, 113.5338

Trichromacy



Original Color

109.2120, 12.7135, 122.5941

Protanomaly

123.5830, 22.8836, 33.6917

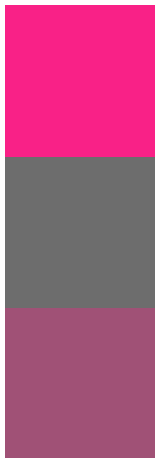
Deuteranomaly

124.6120, 2.1633, 52.9603

Tritanomaly

113.0500, -11.8566, 116.5971

Monochromacy



Original Color

109.2120, 12.7135, 122.5941

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.8390, 4.5164, 44.8682

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.2120, 12.7135, 122.5941 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(249, 33, 135)` looks like.

```
.text, #text, p{  
    color:rgb(249, 33, 135)  
}
```

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(249, 33, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 33, 135) }
```

Border

The CSS property to change the border of an element to YUV 109.2120, 12.7135, 122.5941 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(249, 33, 135) }
```


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

```
.border{ border-color:rgb(249, 33, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 33, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 33, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 33, 135);  
box-shadow:4px 4px 4px 4px rgb(249, 33,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 109.2120, 12.7135, 122.5941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 33, 135) }
```

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

```
.background{ background-color: rgb(249, 33,  
135) }
```

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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