

Converting Colors

YUV(129.7220, 12.4621,
109.8688)

Have a look what the booklet for
YUV(129.7220, 12.4621, 109.8688)
contains.

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Color

**YUV(129.7220, 12.4621,
109.8688)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3D9B
RGB	255, 61, 155
RGB Percent	100%, 24%, 61%
CMY	0.0000, 0.7608, 0.3922
CMYK	0.00, 0.76, 0.39, 0.00
HSL	331°, 100%, 62%
HSV	331°, 76%, 100%
XYZ	48.8251, 26.9640, 33.6416
YIQ	129.7220, 85.4500, 70.3620

Conversions

Conversions Part 2

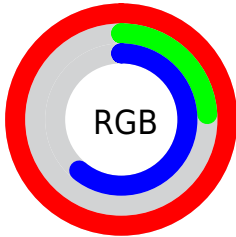
Format	Color
R _Y B	255, 61, 155
Decimal	16727451
CIE Lab	58.94, 77.42, -6.00
CIE LCh	59, 77.651, 355.569
Yxy	26.9640, 0.4462, 0.2464
Android (android.graphics.Color)	4294917531 (0xFFFF3D9B)
YUV	129.7220, 12.4621, 109.8688
Hunter-Lab	51.9269, 76.9655, -2.0630

Details

The YUV color **129.7220, 12.4621, 109.8688** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **186.2780, -12.4621, -109.8688**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.0330, 17.2387, 71.0081**, and **69.5630, 16.9774, 108.2542** is the 20% darker color. If you saturate the color by 10%, you get **112.9780, 14.3078, 124.5533**, and if you desaturate by 10%, it is **146.4660, 10.6163, 95.1843**.

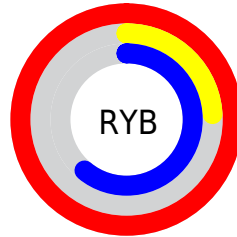
Distribution



Red (100%)

Green (24%)

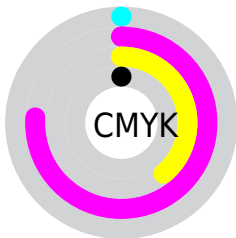
Blue (61%)



Red (100%)

Yellow (24%)

Blue (61%)

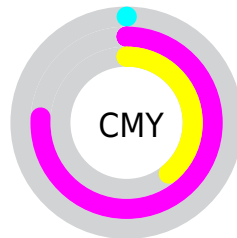


Cyan (0%)

Magenta (76%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (76%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YUV color 129.7220, 12.4621, 109.8688 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 129.7220, 12.4621, 109.8688 by changing the saturation by 10% instead.


 129.7220, 12.4621,
109.8688


 129.7220, 12.4621,
109.8688


255.0000, 0.0000,
0.0000


 85.7910, 21.3020,
121.2093

 174.0330, 17.2387,
71.0081


 69.5630, 16.9774,
108.2542


 194.9490, 21.2241,
52.6647


 57.5580, 11.0639,
91.5956


 213.9100, 20.2574,
36.0359

 45.9660, 5.4398,
75.4518

 232.1070, 11.2862,
20.0772

 34.6020, 0.6892,
59.1080

 249.7170, 2.6045,
4.6332

 23.7220, -4.7929,
44.0938

 12.6720, -5.7543,

25.7207

■ 0.0000, 0.0000,
0.0000

■ 129.7220, 12.4621,
109.8688

■ 129.7220, 12.4621,
109.8688

■ 112.9780, 14.3078,
124.5533

■ 146.4660, 10.6163,
95.1843

■ 96.8210, 15.8642,
138.7230

■ 162.6230, 9.0599,
81.0146

■ 90.3810, 16.5742,
144.3709

■ 179.3670, 7.2141,
66.3301

■ 195.6380, 6.0945,
52.0605

■ 212.3820, 4.2487,
37.3760

■ 228.5390, 2.6923,
23.2063

■ 245.2830, 0.8465,
8.5218

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.



142.7710, 38.0739, 61.5908



129.7220, 12.4621, 109.8688



127.9540, -19.6973, 111.4193

Triad

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



129.7220, 12.4621, 109.8688



125.0710, -61.6600, -9.7093



126.9850, 62.6184, -111.3658

Complementary

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



129.7220, 12.4621, 109.8688



186.2780, -12.4621, -109.8688

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.



123.6500, 37.1475, -108.4411



129.7220, 12.4621, 109.8688



104.0540, -22.7046, -91.2554

Square

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



129.7220, 12.4621, 109.8688



133.0650, -65.6010, 41.1620



115.0830, 6.8611, -100.9278



119.4680, 66.8173, -104.7734

Rectangle

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



129.7220, 12.4621, 109.8688



132.2530, -43.5087, 95.3711



115.0830, 6.8611, -100.9278



126.3350, 55.0508, -110.7958

Sweetspot

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



129.7220, 12.4621, 109.8688



216.9470, 3.9701, 33.3725



112.1190, 70.4403, 40.2376



104.7020, 2.1189, 20.4323



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.



129.7220, 12.4621, 109.8688



105.1360, 14.7230, 131.4307



119.0060, -28.5970, 119.2667



119.5710, 0.7045, 7.3922



67.7110, 12.4675, 108.1245



22.6700, 4.1067, 36.2464

Inverse Universe

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



129.7220, 12.4621, 109.8688



105.1360, 14.7230, 131.4307



196.9940, 28.5970, -119.2667



119.5710, 0.7045, 7.3922



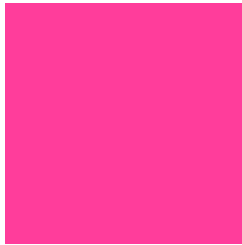
67.7110, 12.4675, 108.1245



22.6700, 4.1067, 36.2464

Previews

White Background



This preview shows how the YUV color 129.7220, 12.4621, 109.8688 looks on a white background.

Color Contrast Check

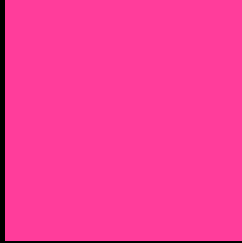
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.7220, 12.4621, 109.8688 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 129.7220, 12.4621, 109.8688 Background



This preview shows how black text looks on a background with the YUV color 129.7220, 12.4621, 109.8688.



This preview shows how white text looks on a background with the YUV color 129.7220, 12.4621, 109.8688.

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

129.7220, 12.4621, 109.8688

Protanopia

141.8430, 31.6294, -18.2793

Deuteranopia

143.5820, 0.6991, 9.1366



Tritanopia

131.9870, -23.1646, 103.4974

Trichromacy



Original Color

129.7220, 12.4621, 109.8688



Protanomaly

137.3050, 24.4996, 28.6735



Deuteranomaly

138.6650, 5.0952, 45.8978



Tritanomaly

131.3260, -10.5137, 105.8311

Monochromacy



Original Color

129.7220, 12.4621, 109.8688



Achromatopsia

130.0000, 0.0000, 0.0000



Achromatomaly

129.8060, 4.5326, 39.6351

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.7220, 12.4621, 109.8688 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, 61, 155)` looks like.

```
.text, #text, p{  
  color:rgb(255, 61, 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(255, 61, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 61, 155) }
```

Border

The CSS property to change the border of an element to YUV 129.7220, 12.4621, 109.8688 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, 61, 155) }
```


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

```
.border{ border-color:rgb(255, 61, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 61, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 61, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 61, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 61,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 129.7220, 12.4621, 109.8688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 61, 155) }
```

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

```
.background{ background-color: rgb(255, 61,  
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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