

Converting Colors

YUV(129.8360, 9.4479, 96.6138)

Have a look what the booklet for
YUV(129.8360, 9.4479, 96.6138)
contains.

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Color

**YUV(129.8360, 9.4479,
96.6138)**

Conversions

Conversions Part 1

Format	Color
Hex	F04695
RGB	240, 70, 149
RGB Percent	94%, 27%, 58%
CMY	0.0588, 0.7255, 0.4157
CMYK	0.00, 0.71, 0.38, 0.06
HSL	332°, 85%, 61%
HSV	332°, 71%, 94%
XYZ	43.5502, 25.0755, 30.9785
YIQ	129.8360, 75.9610, 60.6090

Conversions

Conversions Part 2

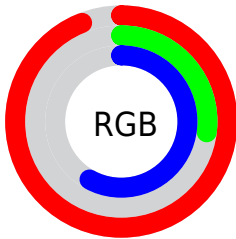
Format	Color
R _Y B	240, 70, 149
Decimal	15746709
CIE Lab	57.15, 70.17, -5.42
CIE LCh	57, 70.379, 355.581
Yxy	25.0755, 0.4372, 0.2518
Android (android.graphics.Color)	4293936789 (0xFFFF04695)
YUV	129.8360, 9.4479, 96.6138
Hunter-Lab	50.0755, 67.6077, -1.6261

Details

The YUV color **129.8360, 9.4479, 96.6138** 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 **180.1640, -9.4479, -96.6138**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.6970, 13.4604, 69.5487**, and **64.6930, 16.4204, 100.2472** is the 20% darker color. If you saturate the color by 10%, you get **114.2660, 10.7149, 110.2687**, and if you desaturate by 10%, it is **145.4060, 8.1808, 82.9589**.

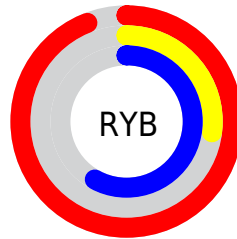
Distribution



Red (94%)

Green (27%)

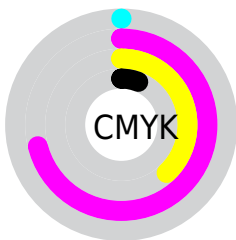
Blue (58%)



Red (94%)

Yellow (27%)

Blue (58%)

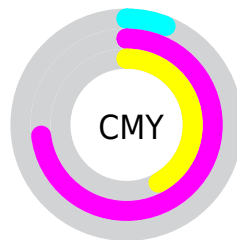


Cyan (0%)

Magenta (71%)

Yellow (38%)

Black (6%)



Cyan (6%)

Magenta (73%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 129.8360, 9.4479, 96.6138 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 129.8360, 9.4479, 96.6138 by changing the saturation by 10% instead.


 129.8360, 9.4479,
96.6138


 129.8360, 9.4479,
96.6138


255.0000, 0.0000,
0.0000


 95.8840, 13.3682,
99.2027

 175.6970, 13.4604,
69.5487


 64.6930, 16.4204,
100.2472


 195.9120, 17.2984,
51.8202


 53.1010, 10.7962,
84.1034


 216.2580, 19.0998,
33.9767

 41.5090, 5.1721,
67.9596

 233.2810, 10.7075,
19.0476

 30.4440, 0.2741,
52.2306

 250.8910, 2.0257,
3.6036

 19.2930, -7.5394,
38.3310

 8.4860, -3.6906,

17.1138

■ 0.0000, 0.0000,
0.0000

■ 129.8360, 9.4479,
96.6138

■ 129.8360, 9.4479,
96.6138

■ 114.2660, 10.7149,
110.2687

■ 145.4060, 8.1808,
82.9589

■ 98.6960, 11.9819,
123.9236

■ 160.9760, 6.9138,
69.3040

■ 84.5280, 13.5437,
136.3489

■ 176.5460, 5.6468,
55.6492

■ 192.0020, 3.9430,
42.0942

■ 207.5720, 2.6760,
28.4394

■ 223.1420, 1.4090,
14.7845

■ 238.7120, 0.1420,
1.1296

■ 250.1730, 0.9007,
-8.9217

■ 250.5150, 2.2111,
-9.2217

Harmonies

Analogous

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



138.9890, 34.0224, 54.3836



129.8360, 9.4479, 96.6138



127.8880, -19.6648, 100.9532

Triad

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



129.8360, 9.4479, 96.6138



121.5490, -59.9237, -6.6205



121.0520, 57.6554, -106.1626

Complementary

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



129.8360, 9.4479, 96.6138



180.1640, -9.4479, -96.6138

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.



118.4010, 34.8053, -103.8377



129.8360, 9.4479, 96.6138



100.4010, -18.9317, -88.0517

Square

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



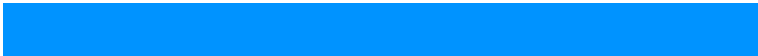
129.8360, 9.4479, 96.6138



128.6240, -63.4116, 38.9178



110.6320, 7.5764, -97.0243



115.3590, 68.8430, -101.1698

Rectangle

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



129.8360, 9.4479, 96.6138



130.2240, -39.5504, 85.7496



110.6320, 7.5764, -97.0243



120.6300, 50.9614, -105.7925

Sweetspot

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



129.8360, 9.4479, 96.6138



219.9960, 2.9600, 30.6985



116.5890, 60.8416, 38.9484



107.1640, 1.3981, 18.2732



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.



129.8360, 9.4479, 96.6138



114.3970, 12.1293, 123.3088



124.3520, -26.7955, 101.4233



112.1580, 0.4151, 6.8774



64.7060, 10.0049, 104.6208



19.7080, 3.1020, 31.8281

Inverse Universe

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



129.8360, 9.4479, 96.6138



114.3970, 12.1293, 123.3088



185.6480, 26.7955, -101.4233



112.1580, 0.4151, 6.8774



64.7060, 10.0049, 104.6208



19.7080, 3.1020, 31.8281

Previews

White Background



This preview shows how the YUV color 129.8360, 9.4479, 96.6138 looks on a white background.

Color Contrast Check

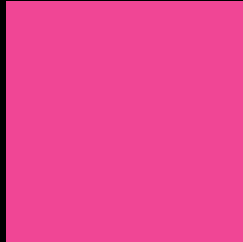
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.8360, 9.4479, 96.6138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

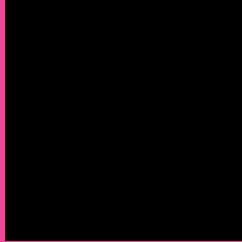
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 129.8360, 9.4479, 96.6138

Background



This preview shows how black text looks on a background with the YUV color 129.8360, 9.4479, 96.6138.



This preview shows how white text looks on a background with the YUV color 129.8360, 9.4479,

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

129.8360, 9.4479, 96.6138

Protanopia

137.8990, 26.6718, -14.8204

Deuteranopia

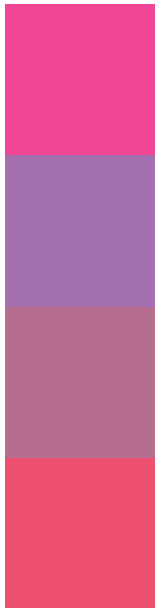
138.5820, 0.6991, 9.1366



Tritanopia

130.7190, -20.0745, 92.3314

Trichromacy



Original Color

129.8360, 9.4479, 96.6138

Protanomaly

134.8440, 20.2899, 25.5698

Deuteranomaly

135.2900, 3.8010, 40.9647

Tritanomaly

130.4770, -9.6022, 93.4207

Monochromacy



Original Color

129.8360, 9.4479, 96.6138

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.8440, 3.5279, 35.2168

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.8360, 9.4479, 96.6138 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(240, 70, 149)` looks like.

```
.text, #text, p{  
    color:rgb(240, 70, 149)  
}
```

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(240, 70, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 70, 149) }
```

Border

The CSS property to change the border of an element to YUV 129.8360, 9.4479, 96.6138 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(240, 70, 149) }
```


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

```
.border{ border-color:rgb(240, 70, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 70, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 70, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 70, 149);  
box-shadow:4px 4px 4px 4px rgb(240, 70,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 129.8360, 9.4479, 96.6138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 70, 149) }
```

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

```
.background{ background-color: rgb(240, 70,  
149) }
```

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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