

Converting Colors

YUV(96.0180, 30.5571,
139.4272)

Have a look what the booklet for
YUV(96.0180, 30.5571, 139.4272)
contains.

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Color

**YUV(96.0180, 30.5571,
139.4272)**

Conversions

Conversions Part 1

Format	Color
Hex	FF039E
RGB	255, 3, 158
RGB Percent	100%, 1%, 62%
CMY	0.0000, 0.9882, 0.3804
CMYK	0.00, 0.99, 0.38, 0.00
HSL	323°, 100%, 51%
HSV	323°, 99%, 100%
XYZ	47.4441, 23.7937, 34.4398
YIQ	96.0180, 100.4370, 101.6290

Conversions

Conversions Part 2

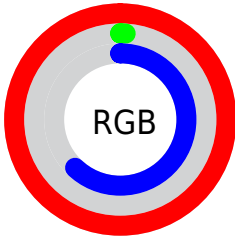
Format	Color
RYB	255, 3, 158
Decimal	16712606
CIELab	55.88, 86.80, -12.34
CIELCh	56, 87.671, 351.911
Yxy	23.7937, 0.4490, 0.2252
Android (android.graphics.Color)	4294902686 (0xFFFF039E)
YUV	96.0180, 30.5571, 139.4272
Hunter-Lab	48.7788, 88.2528, -7.7159

Details

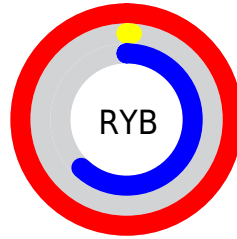
The YUV color **96.0180, 30.5571, 139.4272** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **161.9820, -30.5571, -139.4272**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.8140, 26.2207, 83.4781**, and **69.6060, 18.4352, 107.3395** is the 20% darker color. If you saturate the color by 10%, you get **94.1430, 30.9885, 141.0716**, and if you desaturate by 10%, it is **111.8330, 27.6903, 125.5575**.

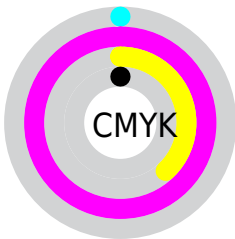
Distribution



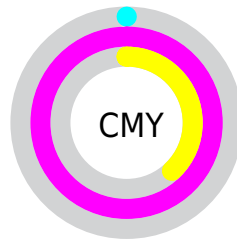
- Red (100%)
- Green (1%)
- Blue (62%)



- Red (100%)
- Yellow (1%)
- Blue (62%)



- Cyan (0%)
- Magenta (99%)
- Yellow (38%)
- Black (0%)





- Cyan (0%)
- Magenta (99%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.0180, 30.5571, 139.4272 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 96.0180, 30.5571, 139.4272 by changing the saturation by 10% instead.


 96.0180, 30.5571,
139.4272


 96.0180, 30.5571,
139.4272


255.0000, 0.0000,
0.0000


 81.7250, 24.7856,
123.8982


 159.8140, 26.2207,
83.4781


 69.6060, 18.4352,
107.3395


 182.3770, 28.9011,
63.6904

 57.4870, 12.0849,
90.7809


 202.1700, 26.0452,
46.3319

 45.8950, 6.4608,
74.6371

 219.7800, 17.3635,
30.8879

 34.2320, 1.8576,
57.6785

 237.9770, 8.3923,
14.9292

 23.0530, -3.4771,
42.0495

 11.7750, -5.3121,

23.8763

■ 0.0000, 0.0000,
0.0000

■ 96.0180, 30.5571,
139.4272

■ 96.0180, 30.5571,
139.4272

■ 94.1430, 30.9885,
141.0716

■ 111.8330, 27.6903,
125.5575

■ 128.2350, 24.5341,
111.1729

■ 144.5230, 20.9412,
96.8883

■ 160.3380, 18.0744,
83.0186

■ 176.7400, 14.9182,
68.6340

■ 192.5550, 12.0514,
54.7643

■ 208.3700, 9.1846,
40.8945

■ 224.7720, 6.0284,
26.5100

■ 241.0600, 2.4354,
12.2254

Harmonies

Analogous

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



132.8770, 47.3886, 60.6209



96.0180, 30.5571, 139.4272



100.3820, -8.5693, 135.6000

Triad

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



96.0180, 30.5571, 139.4272



118.8800, -58.6078, -8.6648



124.0500, 64.0653, -108.7918

Complementary

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



96.0180, 30.5571, 139.4272



161.9820, -30.5571, -139.4272

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.



118.9880, 34.5159, -104.3525



96.0180, 30.5571, 139.4272



95.4990, -37.7140, -83.7526

Square

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



96.0180, 30.5571, 139.4272



126.6080, -62.4177, 46.8248



108.8080, 0.5877, -95.4246



117.1200, 67.9748, -102.7142

Rectangle

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



96.0180, 30.5571, 139.4272



117.2920, -42.5420, 111.9999



108.8080, 0.5877, -95.4246



123.0580, 55.1874, -107.9219

Sweetspot

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



96.0180, 30.5571, 139.4272



207.0820, 9.3266, 42.0241



60.7310, 95.7746, 34.4389



98.9460, 5.4496, 25.4804



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.



96.0180, 30.5571, 139.4272



94.1430, 30.9885, 141.0716



81.6540, -24.4794, 152.0244



119.7990, 1.5781, 7.1923



70.5610, 23.3874, 105.6250



23.5820, 7.6011, 35.4466

Inverse Universe

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



96.0180, 30.5571, 139.4272



94.1430, 30.9885, 141.0716



176.3460, 24.4794, -152.0244



119.7990, 1.5781, 7.1923



70.5610, 23.3874, 105.6250



23.5820, 7.6011, 35.4466

Previews

White Background



This preview shows how the YUV color 96.0180, 30.5571, 139.4272 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 96.0180, 30.5571, 139.4272 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 96.0180, 30.5571, 139.4272

Background



This preview shows how black text looks on a background with the YUV color 96.0180, 30.5571, 139.4272.



This preview shows how white text looks on a background with the YUV color 96.0180, 30.5571,

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

96.0180, 30.5571, 139.4272

Protanopia

131.9520, 46.3657, -31.5299

Deuteranopia

136.4120, 5.2199, 5.7777



Tritanopia

118.7280, -26.9809, 114.2485

Trichromacy



Original Color

96.0180, 30.5571, 139.4272



Protanomaly

118.8550, 40.4975, 30.8222



Deuteranomaly

121.5380, 14.5248, 54.7792



Tritanomaly

110.2880, -6.0580, 123.4044

Monochromacy



Original Color

96.0180, 30.5571, 139.4272



Achromatopsia

96.0000, 0.0000, 0.0000



Achromatomaly

96.0060, 11.3360, 50.8607

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.0180, 30.5571, 139.4272 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, 3, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 3, 158)  
}
```

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, 3, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 3, 158) }
```

Border

The CSS property to change the border of an element to YUV 96.0180, 30.5571, 139.4272 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, 3, 158) }
```


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

```
.border{ border-color:rgb(255, 3, 158) }
```

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

Here you see how a box with a 4 pixel rgb(255, 3, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 3, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 3, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 3,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 96.0180, 30.5571, 139.4272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 3, 158) }
```

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

```
.background{ background-color: rgb(255, 3,  
158) }
```

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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