

# Converting Colors

YUV(96.5070, 28.8370,  
131.1054)

Have a look what the booklet for  
YUV(96.5070, 28.8370, 131.1054)  
contains.

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# Color

**YUV(96.5070, 28.8370,  
131.1054)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6099B
RGB	246, 9, 155
RGB Percent	96%, 4%, 61%
CMY	0.0353, 0.9647, 0.3922
CMYK	0.00, 0.96, 0.37, 0.04
HSL	323°, 93%, 50%
HSV	323°, 96%, 96%
XYZ	44.0201, 22.1548, 32.9665
YIQ	96.5070, 94.3860, 95.6500

# Conversions

## Conversions Part 2

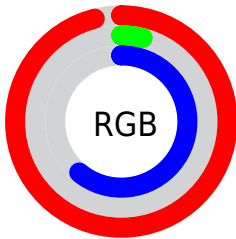
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	246, 9, 155
Decimal	16124315
CIE <sub>Lab</sub>	54.19, 84.30, -13.28
CIE <sub>LCh</sub>	54, 85.341, 351.049
Yxy	22.1548, 0.4440, 0.2235
Android (android.graphics.Color)	4294314395 (0xFFFF6099B)
YUV	96.5070, 28.8370, 131.1054
Hunter-Lab	47.0688, 84.5678, -8.5779

# Details

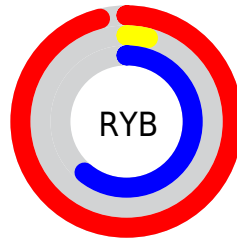
The YUV color **96.5070, 28.8370, 131.1054** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **158.4930, -28.8370, -131.1054**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.3580, 24.4735, 83.8780**, and **66.8720, 18.3041, 102.7213** is the 20% darker color. If you saturate the color by 10%, you get **90.8820, 30.1312, 136.0385**, and if you desaturate by 10%, it is **112.2080, 25.5335, 117.3356**.

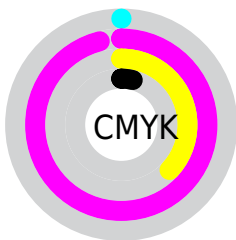
# Distribution



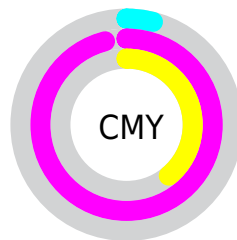
- Red (96%)
- Green (4%)
- Blue (61%)



- Red (96%)
- Yellow (4%)
- Blue (61%)



- Cyan (0%)
- Magenta (96%)
- Yellow (37%)
- Black (4%)



- Cyan (4%)
- Magenta (96%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 96.5070, 28.8370, 131.1054 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 96.5070, 28.8370, 131.1054 by changing the saturation by 10% instead.





 96.5070, 28.8370,  
131.1054


 96.5070, 28.8370,  
131.1054


255.0000, 0.0000,  
0.0000


 78.9910, 24.6544,  
119.2799

 159.3580, 24.4735,  
83.8780


 66.8720, 18.3041,  
102.7213


 180.8610, 28.1695,  
65.0199

 54.8670, 12.3906,  
86.0626


 200.9960, 26.6240,  
47.3615

 43.2750, 6.7664,  
69.9188

 219.1930, 17.6529,  
31.4027

 31.7970, 1.5791,  
53.6750

 236.8030, 8.9711,  
15.9588

 20.3900, -4.6293,  
38.2460

 9.0840, -3.9854,

18.3433

■ 0.0000, 0.0000,  
0.0000

■ 96.5070, 28.8370,  
131.1054

■ 96.5070, 28.8370,  
131.1054

■ 90.8820, 30.1312,  
136.0385

■ 112.2080, 25.5335,  
117.3356

■ 127.4360, 22.9561,  
103.9806

■ 143.1370, 19.6525,  
90.2109

■ 158.3650, 17.0751,  
76.8559

■ 174.0660, 13.7715,  
63.0861

■ 189.8810, 10.9047,  
49.2164

■ 204.9950, 7.8905,  
35.9614

■ 220.8100, 5.0237,  
22.0916

■ 235.9240, 2.0095,  
8.8367

# Harmonies

## Analogous

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



129.0290, 46.8207, 56.1026



96.5070, 28.8370, 131.1054



98.4960, -8.1325, 135.5000

# Triad

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



96.5070, 28.8370, 131.1054



115.0590, -56.7241, -6.1907



119.9750, 61.1443, -105.2181

# Complementary

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



96.5070, 28.8370, 131.1054



158.4930, -28.8370, -131.1054

# 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.



114.5540, 32.7579, -100.4639



96.5070, 28.8370, 131.1054



91.4070, -38.1617, -80.1639

# Square

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



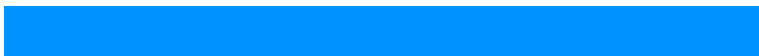
96.5070, 28.8370, 131.1054



122.4770, -60.3812, 46.9397



105.1890, -0.5862, -92.2508



114.7720, 69.1324, -100.6550



# Rectangle

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



96.5070, 28.8370, 131.1054



113.0790, -39.4789, 109.5557



105.1890, -0.5862, -92.2508



119.0970, 52.7032, -104.4481

# Sweetspot

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



96.5070, 28.8370, 131.1054



208.3700, 9.1846, 40.8945



63.2270, 90.1071, 32.2499



99.5330, 5.1602, 24.9656



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.



96.5070, 28.8370, 131.1054



94.1430, 30.9885, 141.0716



83.0550, -22.7051, 142.9028



114.5000, 1.7255, 6.5775



68.7240, 22.8141, 102.8511



21.7450, 7.0277, 32.6726



# Inverse Universe

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



96.5070, 28.8370, 131.1054



94.1430, 30.9885, 141.0716



171.9450, 22.7051, -142.9028



114.5000, 1.7255, 6.5775



68.7240, 22.8141, 102.8511



21.7450, 7.0277, 32.6726



# Previews

## White Background



This preview shows how the YUV color 96.5070, 28.8370, 131.1054 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

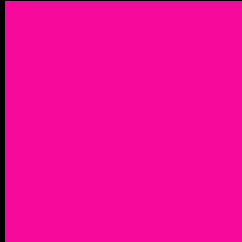
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 96.5070, 28.8370, 131.1054 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 96.5070, 28.8370, 131.1054 Background



This preview shows how black text looks on a background with the YUV color 96.5070, 28.8370, 131.1054.



This preview shows how white text looks on a background with the YUV color 96.5070, 28.8370,



# 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

96.5070, 28.8370, 131.1054

### Protanopia

127.6530, 46.5131, -32.1447

### Deuteranopia

131.9280, 5.9515, 4.4481



## Tritanopia

115.4500, -25.3649, 109.2304

# Trichromacy



## Original Color

96.5070, 28.8370, 131.1054



## Protanomaly

116.4200, 40.2189, 26.8187



## Deuteranomaly

119.1030, 14.2462, 50.7757



## Tritanomaly

108.6570, -5.7469, 116.9418

# Monochromacy



## Original Color

96.5070, 28.8370, 131.1054



## Achromatopsia

97.0000, 0.0000, 0.0000



## Achromatomaly

96.7560, 10.4733, 47.5720

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 96.5070, 28.8370, 131.1054 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(246, 9, 155)` looks like.

```
.text, #text, p{  
    color:rgb(246, 9, 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(246, 9, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 9, 155) }
```

## Border

The CSS property to change the border of an element to YUV 96.5070, 28.8370, 131.1054 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(246, 9, 155) }
```



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

```
.border{ border-color:rgb(246, 9, 155) }
```

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

Here you see how a box with a 4 pixel rgb(246, 9, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 9, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 9, 155);  
box-shadow:4px 4px 4px 4px rgb(246, 9,  
155) }
```

# Background

The CSS property to change the background color of an element to YUV 96.5070, 28.8370, 131.1054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 9, 155) }
```

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

```
.background{ background-color: rgb(246, 9,  
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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