

# Converting Colors

YUV(94.4140, 33.3199,  
139.9569)

Have a look what the booklet for  
YUV(94.4140, 33.3199, 139.9569)  
contains.

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# Color

**YUV(94.4140, 33.3199,  
139.9569)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE00A2
RGB	254, 0, 162
RGB Percent	100%, 0%, 64%
CMY	0.0039, 1.0000, 0.3647
CMYK	0.00, 1.00, 0.36, 0.00
HSL	322°, 100%, 50%
HSV	322°, 100%, 100%
XYZ	47.3946, 23.6795, 36.2550
YIQ	94.4140, 99.3820, 104.2300

# Conversions

## Conversions Part 2

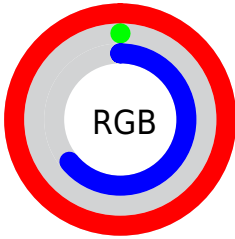
<b>Format</b>	<b>Color</b>
<b>RYB</b>	254, 0, 162
Decimal	16646306
CIELab	55.77, 87.16, -14.89
CIELCh	56, 88.420, 350.306
Yxy	23.6795, 0.4416, 0.2206
Android (android.graphics.Color)	4294836386 (0xFFFE00A2)
YUV	94.4140, 33.3199, 139.9569
Hunter-Lab	48.6616, 88.6950, -10.1106

# Details

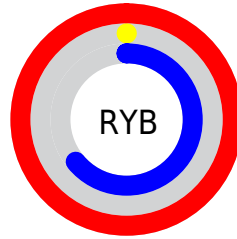
The YUV color **94.4140, 33.3199, 139.9569** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **159.5860, -33.3199, -139.9569**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.2700, 27.9679, 83.0782**, and **69.6490, 19.8930, 106.4248** is the 20% darker color. If you saturate the color by 10%, you get **94.4140, 33.3199, 139.9569**, and if you desaturate by 10%, it is **110.1150, 30.0163, 126.1871**.

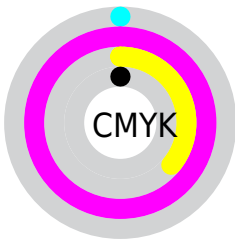
# Distribution



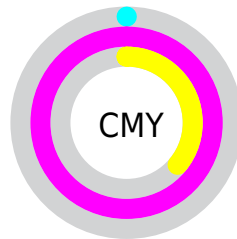
- Red (100%)
- Green (0%)
- Blue (64%)



- Red (100%)
- Yellow (0%)
- Blue (64%)



- Cyan (0%)
- Magenta (100%)
- Yellow (36%)
- Black (0%)




- Cyan (0%)
- Magenta (100%)
- Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 94.4140, 33.3199, 139.9569 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 94.4140, 33.3199, 139.9569 by changing the saturation by 10% instead.




 94.4140, 33.3199,  
139.9569


 94.4140, 33.3199,  
139.9569


255.0000, 0.0000,  
0.0000


 81.8820, 26.6802,  
122.8835

 160.2700, 27.9679,  
83.0782


 69.6490, 19.8930,  
106.4248

 182.2460, 30.9377,  
63.8053

 57.6440, 13.9795,  
89.7662


 201.5830, 26.3346,  
46.8467

 46.0520, 8.3554,  
73.6224

 219.7800, 17.3635,  
30.8879

 34.5740, 3.1680,  
57.3786

 237.9770, 8.3923,  
14.9292

 23.0960, -2.0193,  
41.1348

 11.7750, -5.3121,

23.8763

■ 0.0000, 0.0000,  
0.0000

■ 94.4140, 33.3199,  
139.9569

■ 110.1150, 30.0163,  
126.1871

■ 126.4030, 26.4233,  
111.9026

■ 142.2180, 23.5565,  
98.0328

■ 158.5060, 19.9635,  
83.7482

■ 174.2070, 16.6599,  
69.9785

■ 189.9080, 13.3564,  
56.2087

■ 206.1960, 9.7634,  
41.9241

■ 222.0110, 6.8966,  
28.0544

■ 238.2990, 3.3036,  
13.7698

# Harmonies

## Analogous

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



133.3110, 49.1467, 56.7323



94.4140, 33.3199, 139.9569



93.6800, -3.7862, 141.4776

# Triad

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



94.4140, 33.3199, 139.9569



118.9020, -58.6187, -5.1761



124.4090, 62.9024, -109.1067

# Complementary

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



94.4140, 33.3199, 139.9569



159.5860, -33.3199, -139.9569

# 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.



118.5320, 32.7687, -103.9526



94.4140, 33.3199, 139.9569



93.3160, -43.5398, -81.8381

# Square

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



94.4140, 33.3199, 139.9569



126.3310, -62.2812, 49.6987



108.2380, -1.5963, -94.9247



117.7070, 67.6854, -103.2290



# Rectangle

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



94.4140, 33.3199, 139.9569



115.4110, -39.6426, 115.4036



108.2380, -1.5963, -94.9247



122.7160, 53.8770, -107.6219

# Sweetspot

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



94.4140, 33.3199, 139.9569



207.1960, 9.7634, 41.9241



55.5670, 97.8275, 29.3207



99.0600, 5.8864, 25.3804



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.



94.4140, 33.3199, 139.9569



94.8270, 33.6093, 140.4717



80.2780, -20.8431, 152.3542



119.7990, 1.5781, 7.1923



71.0170, 25.1346, 105.2251



23.8100, 8.4747, 35.2466



# Inverse Universe

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



94.4140, 33.3199, 139.9569



94.8270, 33.6093, 140.4717



173.7220, 20.8431, -152.3542



119.7990, 1.5781, 7.1923



71.0170, 25.1346, 105.2251



23.8100, 8.4747, 35.2466



# Previews

## White Background



This preview shows how the YUV color 94.4140, 33.3199, 139.9569 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

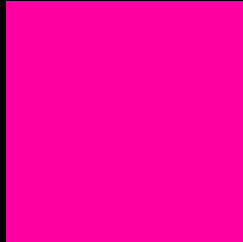
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 94.4140, 33.3199, 139.9569 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 94.4140, 33.3199, 139.9569

## Background



This preview shows how black text looks on a background with the YUV color 94.4140, 33.3199, 139.9569.



This preview shows how white text looks on a background with the YUV color 94.4140, 33.3199,



# 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

94.4140, 33.3199, 139.9569

### Protanopia

131.1410, 49.7235, -35.2037

### Deuteranopia

136.2700, 7.2619, 4.1482



## Tritanopia

119.2440, -26.2493, 112.9190

# Trichromacy



## Original Color

94.4140, 33.3199, 139.9569



## Protanomaly

117.7560, 43.9973, 28.2780



## Deuteranomaly

120.8090, 16.8562, 53.6645



## Tritanomaly

110.3310, -4.6002, 122.4897

# Monochromacy



## Original Color

94.4140, 33.3199, 139.9569



## Achromatopsia

94.0000, 0.0000, 0.0000



## Achromatomaly

94.2340, 12.2096, 50.6608

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 94.4140, 33.3199, 139.9569 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(254, 0, 162)` looks like.

```
.text, #text, p{  
    color:rgb(254, 0, 162)  
}
```

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(254, 0, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 0, 162) }
```

## Border

The CSS property to change the border of an element to YUV 94.4140, 33.3199, 139.9569 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(254, 0, 162) }
```



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

```
.border{ border-color:rgb(254, 0, 162) }
```

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

Here you see how a box with a 4 pixel rgb(254, 0, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 0, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 0, 162);  
box-shadow:4px 4px 4px 4px rgb(254, 0,  
162) }
```

# Background

The CSS property to change the background color of an element to YUV 94.4140, 33.3199, 139.9569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 0, 162) }
```

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

```
.background{ background-color: rgb(254, 0,  
162) }
```

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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