

# Converting Colors

YUV(147.7540, 10.4743,  
94.0547)

Have a look what the booklet for  
YUV(147.7540, 10.4743, 94.0547)  
contains.

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# Color

**YUV(147.7540, 10.4743,  
94.0547)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF59A9
RGB	255, 89, 169
RGB Percent	100%, 35%, 66%
CMY	0.0000, 0.6510, 0.3373
CMYK	0.00, 0.65, 0.34, 0.00
HSL	331°, 100%, 67%
HSV	331°, 65%, 100%
XYZ	51.9738, 31.2693, 40.8324
YIQ	147.7540, 73.2560, 60.0720

# Conversions

## Conversions Part 2

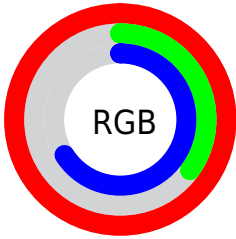
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 89, 169
Decimal	16734633
CIE Lab	62.73, 69.50, -8.48
CIE LCh	63, 70.013, 353.045
Yxy	31.2693, 0.4189, 0.2520
Android (android.graphics.Color)	4294924713 (0xFFFF59A9)
YUV	147.7540, 10.4743, 94.0547
Hunter-Lab	55.9190, 68.0483, -4.1506

# Details

The YUV color **147.7540, 10.4743, 94.0547** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **196.2460, -10.4743, -94.0547**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.6570, 17.4241, 58.1828**, and **77.8010, 19.3251, 101.9065** is the 20% darker color. If you saturate the color by 10%, you get **131.5970, 12.0307, 108.2244**, and if you desaturate by 10%, it is **164.4980, 8.6285, 79.3703**.

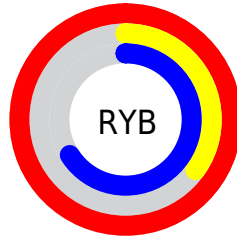
# Distribution



Red (100%)

Green (35%)

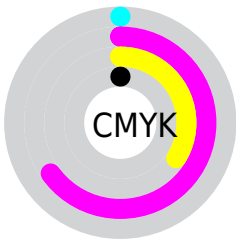
Blue (66%)



Red (100%)

Yellow (35%)

Blue (66%)

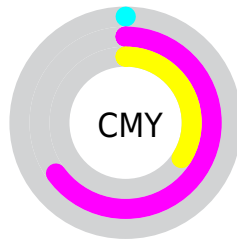


Cyan (0%)

Magenta (65%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (65%)


Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 147.7540, 10.4743, 94.0547 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 147.7540, 10.4743, 94.0547 by changing the saturation by 10% instead.





 147.7540, 10.4743,  
94.0547


 147.7540, 10.4743,  
94.0547


255.0000, 0.0000,  
0.0000


 116.7370, 12.9477,  
94.0697


 188.6570, 17.4241,  
58.1828

 77.8010, 19.3251,  
101.9065


 208.9860, 21.6989,  
40.3543

 59.5240, 16.0107,  
91.6255

 226.2370, 14.1802,  
25.2252

 47.9320, 10.3865,  
75.4816

 243.8470, 5.4984,  
9.7812

 36.7530, 5.0518,  
59.8526

 25.9870, 0.0064,  
44.7384

 14.8790, -6.3493,

29.9241

■ 0.0000, 0.0000,  
0.0000

■ 147.7540, 10.4743,  
94.0547

■ 147.7540, 10.4743,  
94.0547

■ 131.5970, 12.0307,  
108.2244

■ 164.4980, 8.6285,  
79.3703

■ 114.8530, 13.8765,  
122.9089

■ 180.6550, 7.0721,  
65.2006


■ 98.5820, 14.9961,  
137.1786

■ 197.5130, 5.6631,  
50.4161

■ 90.2670, 16.1374,  
144.4708

■ 213.6700, 4.1067,  
36.2464

■ 230.4140, 2.2609,  
21.5619

 246.5710, 0.7045,  
7.3922

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.



155.0100, 35.4911, 49.9802



147.7540, 10.4743, 94.0547



143.0340, -17.7648, 98.1942

# Triad

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



147.7540, 10.4743, 94.0547



136.5020, -65.3235, -1.3173



131.9260, 58.7035, -115.6991

# Complementary

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



147.7540, 10.4743, 94.0547



196.2460, -10.4743, -94.0547

# 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.



128.3460, 34.8324, -112.5594



147.7540, 10.4743, 94.0547



123.2030, -25.2431, -70.3380

# Square

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



147.7540, 10.4743, 94.0547



142.5340, -70.2693, 45.1357



120.4630, 7.1667, -105.6461



124.7510, 64.2128, -109.4066



# Rectangle

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



147.7540, 10.4743, 94.0547



146.0010, -37.9615, 89.4531



120.4630, 7.1667, -105.6461



131.3900, 51.5727, -115.2290

# Sweetspot

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



147.7540, 10.4743, 94.0547



222.0990, 3.4022, 28.8542



133.6380, 59.8315, 36.2745



107.9790, 1.9824, 17.5584



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.



147.7540, 10.4743, 94.0547



126.4450, 12.5986, 112.7427



140.3950, -25.3377, 100.5086



119.5710, 0.7045, 7.3922



67.5970, 12.0307, 108.2244



22.6700, 4.1067, 36.2464



# Inverse Universe

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



147.7540, 10.4743, 94.0547



126.4450, 12.5986, 112.7427



203.6050, 25.3377, -100.5086



119.5710, 0.7045, 7.3922



67.5970, 12.0307, 108.2244

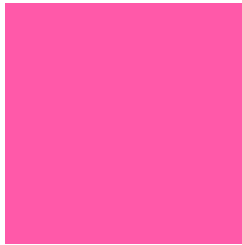


22.6700, 4.1067, 36.2464



# Previews

## White Background



This preview shows how the YUV color 147.7540, 10.4743, 94.0547 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

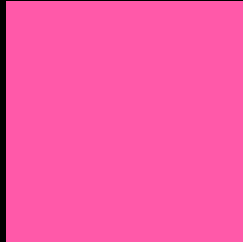
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 147.7540, 10.4743, 94.0547 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 ✓ Pass

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

# YUV 147.7540, 10.4743, 94.0547

## Background



This preview shows how black text looks on a background with the YUV color 147.7540, 10.4743, 94.0547.



This preview shows how white text looks on a background with the YUV color 147.7540, 10.4743, 94.0547.



# 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

147.7540, 10.4743, 94.0547

### Protanopia

152.0560, 28.5664, -15.8351

### Deuteranopia

153.8530, 3.0305, 8.0219



## Tritanopia

147.7510, -18.6112, 89.6724

# Trichromacy



## Original Color

147.7540, 10.4743, 94.0547



## Protanomaly

150.5880, 21.8951, 24.0403



## Deuteranomaly

151.7350, 5.5536, 38.8204



## Tritanomaly

147.8080, -8.2863, 91.3764

# Monochromacy



## Original Color

147.7540, 10.4743, 94.0547



## Achromatopsia

148.0000, 0.0000, 0.0000



## Achromatomaly

148.2460, 3.8227, 33.9873

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 147.7540, 10.4743, 94.0547 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, 89, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 89, 169)  
}
```

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, 89, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 169) }
```

## Border

The CSS property to change the border of an element to YUV 147.7540, 10.4743, 94.0547 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, 89, 169) }
```



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

```
.border{ border-color:rgb(255, 89, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 89, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
169) }
```

# Background

The CSS property to change the background color of an element to YUV 147.7540, 10.4743, 94.0547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 89, 169) }
```

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

```
.background{ background-color: rgb(255, 89,  
169) }
```

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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