

# Converting Colors

YUV(144.4800, -0.7296,  
94.2950)

Have a look what the booklet for  
YUV(144.4800, -0.7296, 94.2950)  
contains.

<b>YUV(144.4800, -0.7296, 94.2950)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(144.4800, -0.7296,  
94.2950)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC5A8F
RGB	252, 90, 143
RGB Percent	99%, 35%, 56%
CMY	0.0118, 0.6471, 0.4392
CMYK	0.00, 0.64, 0.43, 0.01
HSL	340°, 96%, 67%
HSV	340°, 64%, 99%
XYZ	48.7590, 29.9909, 29.2055
YIQ	144.4800, 79.5390, 50.8270

# Conversions

## Conversions Part 2

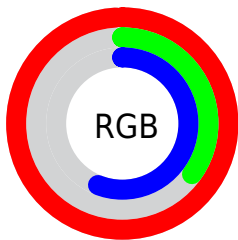
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	252, 90, 143
Decimal	16538255
CIE Lab	61.65, 65.58, 4.89
CIE LCh	62, 65.759, 4.265
Yxy	29.9909, 0.4517, 0.2778
Android (android.graphics.Color)	4294728335 (0xFFFC5A8F)
YUV	144.4800, -0.7296, 94.2950
Hunter-Lab	54.7640, 63.0900, 6.7155

# Details

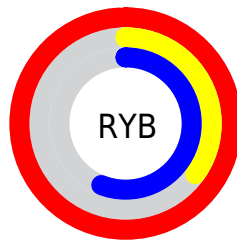
The YUV color **144.4800, -0.7296, 94.2950** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **197.5200, 0.7296, -94.2950**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.5790, 5.6306, 60.8822**, and **79.1520, 6.8271, 97.2137** is the 20% darker color. If you saturate the color by 10%, you get **127.8670, -0.9204, 108.8646**, and if you desaturate by 10%, it is **161.0930, -0.5388, 79.7254**.

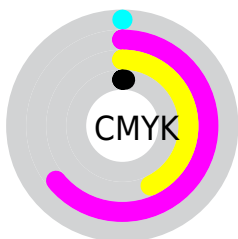
# Distribution



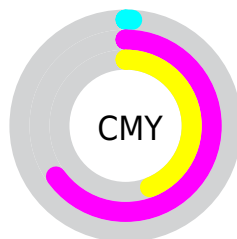
- Red (99%)
- Green (35%)
- Blue (56%)



- Red (99%)
- Yellow (35%)
- Blue (56%)



- Cyan (0%)
- Magenta (64%)
- Yellow (43%)
- Black (1%)




- Cyan (1%)
- Magenta (65%)
- Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 144.4800, -0.7296, 94.2950 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 144.4800, -0.7296, 94.2950 by changing the saturation by 10% instead.




 144.4800, -0.7296,  
94.2950

 144.4800, -0.7296,  
94.2950


255.0000, 0.0000,  
0.0000


 114.1640, 1.8911,  
93.6952


 185.5790, 5.6306,  
60.8822

 79.1520, 6.8271,  
97.2137

 205.6800, 9.0318,  
43.2536


 55.8200, 6.9907,  
91.3659

 226.0090, 13.3066,  
25.4251

 44.3420, 1.8034,  
75.1221

 243.8470, 5.4984,  
9.7812

 33.2770, -3.0946,  
59.3931

 22.1690, -9.4503,  
44.5788

 12.6720, -5.7543,

25.7207

■ 0.0000, 0.0000,  
0.0000

■ 144.4800, -0.7296,  
94.2950

■ 144.4800, -0.7296,  
94.2950

■ 127.8670, -0.9204,  
108.8646

■ 161.0930, -0.5388,  
79.7254

■ 111.2540, -1.1112,  
123.4342

■ 177.7060, -0.3481,  
65.1558

■ 94.0540, -1.0126,  
138.5186

■ 194.9060, -0.4467,  
50.0714

■ 84.6960, -1.3291,  
146.7256

■ 211.5190, -0.2559,  
35.5018

■ 228.1320, -0.0651,  
20.9322

244.7450, 0.1257,  
6.3626

254.1030, 0.4422,  
-1.8443

# Harmonies

## Analogous

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



150.6500, 24.8226, 65.2050



144.4800, -0.7296, 94.2950



143.6450, -27.9260, 90.6423

# Triad

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



144.4800, -0.7296, 94.2950



133.8320, -45.7662, -20.9007



127.5720, 62.3290, -111.8806

# Complementary

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



144.4800, -0.7296, 94.2950



197.5200, 0.7296, -94.2950

# 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.



127.0070, 42.3945, -111.3851



144.4800, -0.7296, 94.2950



111.9080, -7.8426, -98.1433

# Square

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



144.4800, -0.7296, 94.2950



138.2930, -68.1784, 27.8070



121.0960, 17.2077, -106.2012



118.8810, 67.1067, -104.2586



# Rectangle

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



144.4800, -0.7296, 94.2950



144.3660, -45.0434, 74.2240



121.0960, 17.2077, -106.2012



128.0790, 56.6561, -112.3253

# Sweetspot

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



144.4800, -0.7296, 94.2950



223.0620, -0.5236, 28.0096



140.7600, 54.8413, 50.1995



108.1100, -0.0542, 17.4435



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.



144.4800, -0.7296, 94.2950



124.9000, -0.9367, 114.0977



154.2870, -31.6935, 85.6943



116.4570, 0.2677, 7.4922



63.5790, -0.7784, 109.9942



20.5190, -0.2559, 35.5018



# Inverse Universe

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



144.4800, -0.7296, 94.2950



124.9000, -0.9367, 114.0977



187.7130, 31.6935, -85.6943



116.4570, 0.2677, 7.4922



63.5790, -0.7784, 109.9942



20.5190, -0.2559, 35.5018



# Previews

## White Background



This preview shows how the YUV color 144.4800, -0.7296, 94.2950 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

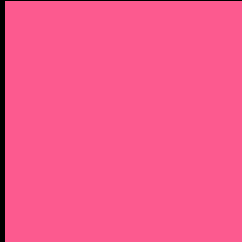
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 144.4800, -0.7296, 94.2950 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

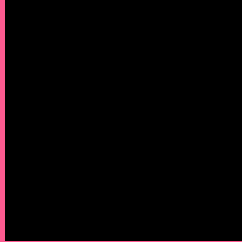
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 144.4800, -0.7296, 94.2950

## Background



This preview shows how black text looks on a background with the YUV color 144.4800, -0.7296, 94.2950.



This preview shows how white text looks on a background with the YUV color 144.4800, -0.7296, 94.2950.



# 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

144.4800, -0.7296, 94.2950

### Protanopia

149.8110, 13.4042, -5.9732

### Deuteranopia

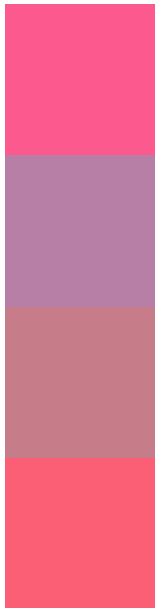
150.4490, -7.6164, 16.2692



**Tritanopia**

143.8330, -19.6377, 92.2315

# Trichromacy



## Original Color

144.4800, -0.7296, 94.2950

## Protanomaly

148.0760, 8.3435, 30.6283

## Deuteranomaly

148.0210, -4.9404, 44.7086

## Tritanomaly

143.9670, -12.8017, 92.9909

# Monochromacy



## Original Color

144.4800, -0.7296, 94.2950

## Achromatopsia

144.0000, 0.0000, 0.0000

## Achromatomaly

143.9210, 0.0389, 34.2723

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 144.4800, -0.7296, 94.2950 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(252, 90, 143)` looks like.

```
.text, #text, p{  
    color:rgb(252, 90, 143)  
}
```

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(252, 90, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 90, 143) }
```

## Border

The CSS property to change the border of an element to YUV 144.4800, -0.7296, 94.2950 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(252, 90, 143) }
```



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

```
.border{ border-color:rgb(252, 90, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 90, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 90, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 90, 143);  
box-shadow:4px 4px 4px 4px rgb(252, 90,  
143) }
```

# Background

The CSS property to change the background color of an element to YUV 144.4800, -0.7296, 94.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 90, 143) }
```

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

```
.background{ background-color: rgb(252, 90,  
143) }
```

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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