

# Converting Colors

YUV(144.7390, 6.5377, 96.6989)

Have a look what the booklet for  
YUV(144.7390, 6.5377, 96.6989)  
contains.

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# Color

**YUV(144.7390, 6.5377,  
96.6989)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF569E
RGB	255, 86, 158
RGB Percent	100%, 34%, 62%
CMY	0.0000, 0.6627, 0.3804
CMYK	0.00, 0.66, 0.38, 0.00
HSL	334°, 100%, 67%
HSV	334°, 66%, 100%
XYZ	50.7393, 30.3842, 35.5382
YIQ	144.7390, 77.6120, 58.2200

# Conversions

## Conversions Part 2

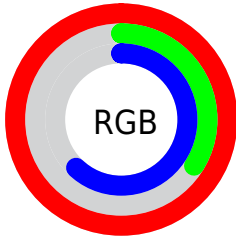
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 86, 158
Decimal	16733854
CIE Lab	61.98, 69.47, -3.25
CIE LCh	62, 69.544, 357.324
Yxy	30.3842, 0.4349, 0.2604
Android (android.graphics.Color)	4294923934 (0xFFFF569E)
YUV	144.7390, 6.5377, 96.6989
Hunter-Lab	55.1219, 67.8449, 0.3598

# Details

The YUV color **144.7390, 6.5377, 96.6989** 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 **196.2610, -6.5377, -96.6989**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.5280, 13.0507, 60.9269**, and **70.4920, 17.9984, 107.4395** is the 20% darker color. If you saturate the color by 10%, you get **128.3540, 7.2205, 111.0685**, and if you desaturate by 10%, it is **161.7110, 5.5655, 81.8145**.

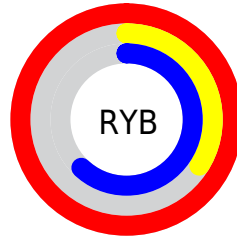
# Distribution



Red (100%)

Green (34%)

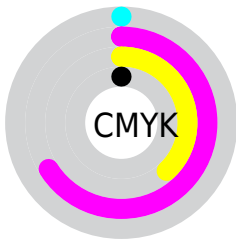
Blue (62%)



Red (100%)

Yellow (34%)

Blue (62%)

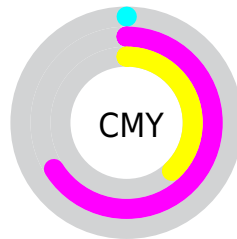


Cyan (0%)

Magenta (66%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (66%)


Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 144.7390, 6.5377, 96.6989 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 144.7390, 6.5377, 96.6989 by changing the saturation by 10% instead.





 144.7390, 6.5377,  
96.6989

 144.7390, 6.5377,  
96.6989


255.0000, 0.0000,  
0.0000


 113.7220, 9.0111,  
96.7138

 185.5280, 13.0507,  
60.9269


 70.4920, 17.9984,  
107.4395

 205.8570, 17.3255,  
43.0984


 58.1990, 12.2269,  
91.9105

 225.0630, 14.7589,  
26.2547

 46.6070, 6.6027,  
75.7667

 242.0860, 6.3666,  
11.3256

 35.4280, 1.2680,  
60.1376

 24.6620, -3.7774,  
45.0234

 13.9820, -5.9071,

28.0798

■ 0.0000, 0.0000,  
0.0000

■ 144.7390, 6.5377,  
96.6989

■ 144.7390, 6.5377,  
96.6989

■ 128.3540, 7.2205,  
111.0685

■ 161.7110, 5.5655,  
81.8145

■ 111.4960, 8.6295,  
125.8530

■ 177.9820, 4.4459,  
67.5448


■ 95.1110, 9.3123,  
140.2227

■ 194.9540, 3.4737,  
52.6603

■ 88.6710, 10.0222,  
145.8705

■ 211.3390, 2.7909,  
38.2907

■ 228.1970, 1.3819,  
23.5062

 244.5820, 0.6991,  
9.1366

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.



152.7290, 31.6856, 57.2427



144.7390, 6.5377, 96.6989



142.4810, -22.4221, 98.6792

# Triad

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



144.7390, 6.5377, 96.6989



134.5810, -58.4604, -9.2795



129.8060, 60.7346, -113.8399

# Complementary

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



144.7390, 6.5377, 96.6989



196.2610, -6.5377, -96.6989

# 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.



127.8560, 38.0320, -112.1297



144.7390, 6.5377, 96.6989



110.5570, -15.5576, -96.9585

# Square

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



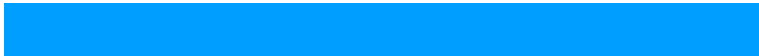
144.7390, 6.5377, 96.6989



140.1310, -69.0846, 38.4731



120.6740, 10.5137, -105.8311



122.4030, 65.3703, -107.3474



# Rectangle

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



144.7390, 6.5377, 96.6989



144.0560, -41.4396, 85.0199



120.6740, 10.5137, -105.8311



130.0850, 54.1881, -114.0845

# Sweetspot

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



144.7390, 6.5377, 96.6989



221.7570, 2.0918, 29.1541



133.9700, 59.6678, 42.1223



107.7510, 1.1088, 17.7584



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.



144.7390, 6.5377, 96.6989



121.9140, 7.9304, 116.7164



142.9880, -28.0951, 98.2345



119.4570, 0.2677, 7.4922



66.3430, 7.2259, 109.3242



22.2140, 2.3595, 36.6463



# Inverse Universe

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



144.7390, 6.5377, 96.6989



121.9140, 7.9304, 116.7164



198.0120, 28.0951, -98.2345



119.4570, 0.2677, 7.4922



66.3430, 7.2259, 109.3242

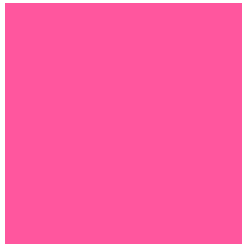


22.2140, 2.3595, 36.6463



# Previews

## White Background



This preview shows how the YUV color 144.7390, 6.5377, 96.6989 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

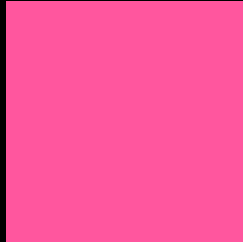
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 144.7390, 6.5377, 96.6989 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

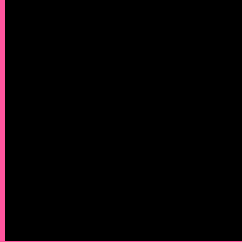
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 144.7390, 6.5377, 96.6989

## Background



This preview shows how black text looks on a background with the YUV color 144.7390, 6.5377, 96.6989.



This preview shows how white text looks on a background with the YUV color 144.7390, 6.5377,



# 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

144.7390, 6.5377, 96.6989

### Protanopia

150.4110, 23.4614, -11.7614

### Deuteranopia

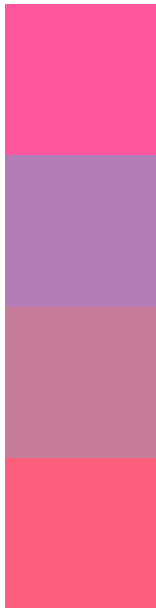
151.5500, -0.7641, 11.7957



## Tritanopia

144.4310, -19.9325, 93.4610

# Trichromacy



**Original Color**

144.7390, 6.5377, 96.6989

**Protanomaly**

148.0570, 17.2269, 28.0140

**Deuteranomaly**

149.4320, 1.7590, 42.5941

**Tritanomaly**

144.6620, -10.1864, 94.1354

# Monochromacy



**Original Color**

144.7390, 6.5377, 96.6989

**Achromatopsia**

145.0000, 0.0000, 0.0000

**Achromatomaly**

145.2030, 2.3649, 34.9020

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 144.7390, 6.5377, 96.6989 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, 86, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 86, 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, 86, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 86, 158) }
```

## Border

The CSS property to change the border of an element to YUV 144.7390, 6.5377, 96.6989 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, 86, 158) }
```



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

```
.border{ border-color:rgb(255, 86, 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, 86, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 86, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 86, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 86,  
158) }
```

# Background

The CSS property to change the background color of an element to YUV 144.7390, 6.5377, 96.6989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 86, 158) }
```

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

```
.background{ background-color: rgb(255, 86,  
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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