

# Converting Colors

YUV(143.6680, 7.5587, 95.8842)

Have a look what the booklet for  
YUV(143.6680, 7.5587, 95.8842)  
contains.

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# Color

**YUV(143.6680, 7.5587,  
95.8842)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FD559F
RGB	253, 85, 159
RGB Percent	99%, 33%, 62%
CMY	0.0078, 0.6667, 0.3765
CMYK	0.00, 0.66, 0.37, 0.01
HSL	334°, 98%, 66%
HSV	334°, 66%, 99%
XYZ	50.0145, 29.8828, 35.9328
YIQ	143.6680, 76.3740, 58.6300

# Conversions

## Conversions Part 2

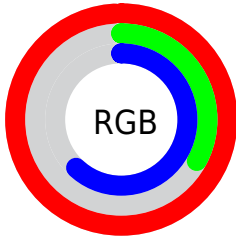
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	253, 85, 159
Decimal	16602527
CIE Lab	61.55, 69.39, -4.50
CIE LCh	62, 69.532, 356.291
Yxy	29.8828, 0.4318, 0.2580
Android (android.graphics.Color)	4294792607 (0xFFFD559F)
YUV	143.6680, 7.5587, 95.8842
Hunter-Lab	54.6652, 67.6499, -0.7071

# Details

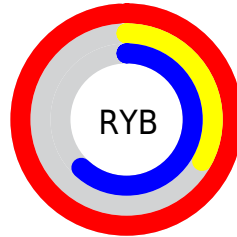
The YUV color **143.6680, 7.5587, 95.8842** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **194.3320, -7.5587, -95.8842**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.1690, 14.2137, 61.2418**, and **69.7200, 18.8720, 107.2396** is the 20% darker color. If you saturate the color by 10%, you get **127.3970, 8.6783, 110.1538**, and if you desaturate by 10%, it is **159.9390, 6.4391, 81.6145**.

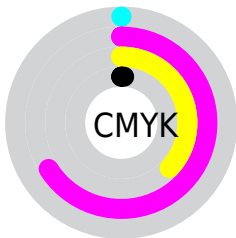
# Distribution



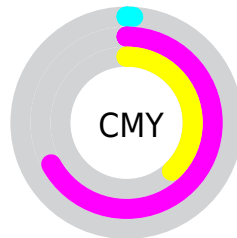
- Red (99%)
- Green (33%)
- Blue (62%)



- Red (99%)
- Yellow (33%)
- Blue (62%)



- Cyan (0%)
- Magenta (66%)
- Yellow (37%)
- Black (1%)




- Cyan (1%)
- Magenta (67%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 143.6680, 7.5587, 95.8842 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 143.6680, 7.5587, 95.8842 by changing the saturation by 10% instead.





 143.6680, 7.5587,  
95.8842


 143.6680, 7.5587,  
95.8842


255.0000, 0.0000,  
0.0000


 112.6510, 10.0321,  
95.8991


 185.1690, 14.2137,  
61.2418


 69.7200, 18.8720,  
107.2396


 205.3840, 18.0517,  
43.5132


 58.0140, 12.8111,  
91.1957

 223.8890, 15.3377,  
27.2843

 46.4220, 7.1870,  
75.0519

 241.4990, 6.6560,  
11.8404

 34.9440, 1.9996,  
58.8081

 24.4770, -3.1932,  
44.3087

 13.5690, -6.1965,

27.5650

■ 0.0000, 0.0000,  
0.0000

■ 143.6680, 7.5587,  
95.8842

■ 143.6680, 7.5587,  
95.8842

■ 127.3970, 8.6783,  
110.1538

■ 159.9390, 6.4391,  
81.6145

■ 110.5390, 10.0873,  
124.9383

■ 176.7970, 5.0301,  
66.8300

■ 94.2680, 11.2069,  
139.2080

■ 193.0680, 3.9105,  
52.5604

■ 88.3010, 11.1906,  
144.4410

■ 209.4530, 3.2277,  
38.1907

■ 226.3110, 1.8187,  
23.4063

242.5820, 0.6991,  
9.1366

254.4020, 0.2948,  
-1.2296

# Harmonies

## Analogous

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



151.3590, 32.8540, 55.8132



143.6680, 7.5587, 95.8842



141.4210, -21.4066, 99.6088

# Triad

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



143.6680, 7.5587, 95.8842



133.0220, -60.6498, -7.0353



128.9910, 60.1504, -113.1251

# Complementary

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



143.6680, 7.5587, 95.8842



194.3320, -7.5587, -95.8842

# 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.



126.9270, 37.0110, -111.3150



143.6680, 7.5587, 95.8842



111.7320, -17.6159, -90.0960

# Square

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



143.6680, 7.5587, 95.8842



138.9570, -68.5058, 39.5027



119.1580, 9.7821, -104.5016



121.8160, 65.6597, -106.8326



# Rectangle

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



143.6680, 7.5587, 95.8842



142.9960, -40.4240, 85.9495



119.1580, 9.7821, -104.5016



129.1560, 53.1671, -113.2698

# Sweetspot

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



143.6680, 7.5587, 95.8842



221.7570, 2.0918, 29.1541



131.6600, 59.8206, 39.7632



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.



143.6680, 7.5587, 95.8842



122.2560, 9.2408, 116.4165



139.9280, -27.0795, 99.1641



119.4570, 0.2677, 7.4922



66.6850, 8.5363, 109.0243



22.3280, 2.7963, 36.5463



# Inverse Universe

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



143.6680, 7.5587, 95.8842



122.2560, 9.2408, 116.4165



198.0720, 27.0795, -99.1641



119.4570, 0.2677, 7.4922



66.6850, 8.5363, 109.0243

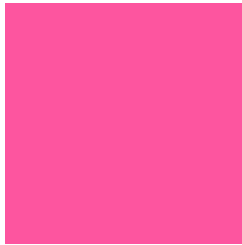


22.3280, 2.7963, 36.5463



# Previews

## White Background



This preview shows how the YUV color 143.6680, 7.5587, 95.8842 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

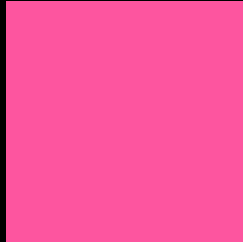
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 143.6680, 7.5587, 95.8842 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 143.6680, 7.5587, 95.8842

## Background



This preview shows how black text looks on a background with the YUV color 143.6680, 7.5587, 95.8842.



This preview shows how white text looks on a background with the YUV color 143.6680, 7.5587,



# 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

143.6680, 7.5587, 95.8842

### Protanopia

149.0410, 24.6298, -13.1910

### Deuteranopia

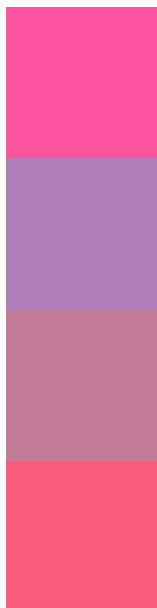
150.1800, 0.4043, 10.3661



**Tritanopia**

143.8330, -19.6377, 92.2315

# Trichromacy



## Original Color

143.6680, 7.5587, 95.8842

## Protanomaly

146.6870, 18.3953, 26.5845

## Deuteranomaly

148.0620, 2.9274, 41.1646

## Tritanomaly

143.4770, -9.6022, 93.4207

# Monochromacy



## Original Color

143.6680, 7.5587, 95.8842

## Achromatopsia

144.0000, 0.0000, 0.0000

## Achromatomaly

144.2030, 2.3649, 34.9020

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 143.6680, 7.5587, 95.8842 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(253, 85, 159)` looks like.

```
.text, #text, p{  
    color:rgb(253, 85, 159)  
}
```

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(253, 85, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 85, 159) }
```

## Border

The CSS property to change the border of an element to YUV 143.6680, 7.5587, 95.8842 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(253, 85, 159) }
```



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

```
.border{ border-color:rgb(253, 85, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 85, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 85, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 85, 159);  
box-shadow:4px 4px 4px 4px rgb(253, 85,  
159) }
```

# Background

The CSS property to change the background color of an element to YUV 143.6680, 7.5587, 95.8842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 85, 159) }
```

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

```
.background{ background-color: rgb(253, 85,  
159) }
```

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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