

# Converting Colors

YUV(146.5800, 11.0531,  
95.0843)

Have a look what the booklet for  
YUV(146.5800, 11.0531, 95.0843)  
contains.

<b>YUV(146.5800, 11.0531, 95.0843)</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(146.5800, 11.0531,  
95.0843)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF57A9
RGB	255, 87, 169
RGB Percent	100%, 34%, 66%
CMY	0.0000, 0.6588, 0.3373
CMYK	0.00, 0.66, 0.34, 0.00
HSL	331°, 100%, 67%
HSV	331°, 66%, 100%
XYZ	51.8096, 30.9410, 40.7776
YIQ	146.5800, 73.8060, 61.1180

# Conversions

## Conversions Part 2

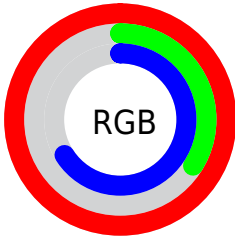
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 87, 169
Decimal	16734121
CIE Lab	62.46, 70.26, -8.89
CIE LCh	62, 70.819, 352.789
Yxy	30.9410, 0.4194, 0.2505
Android (android.graphics.Color)	4294924201 (0xFFFF57A9)
YUV	146.5800, 11.0531, 95.0843
Hunter-Lab	55.6246, 68.9146, -4.5275

# Details

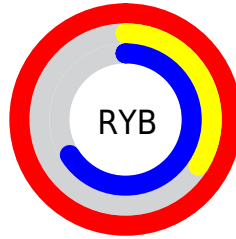
The YUV color **146.5800, 11.0531, 95.0843** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **195.4200, -11.0531, -95.0843**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.4830, 18.0029, 59.2124**, and **73.1050, 21.6402, 106.0249** is the 20% darker color. If you saturate the color by 10%, you get **130.4230, 12.6095, 109.2540**, and if you desaturate by 10%, it is **163.3240, 9.2073, 80.3999**.

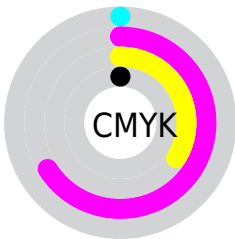
# Distribution



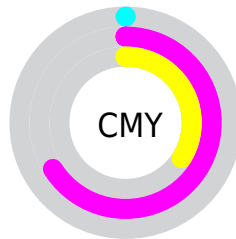
- Red (100%)
- Green (34%)
- Blue (66%)



- Red (100%)
- Yellow (34%)
- Blue (66%)



- Cyan (0%)
- Magenta (66%)
- Yellow (34%)
- Black (0%)




- Cyan (0%)
- Magenta (66%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 146.5800, 11.0531, 95.0843 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 146.5800, 11.0531, 95.0843 by changing the saturation by 10% instead.





 146.5800, 11.0531,  
95.0843


 146.5800, 11.0531,  
95.0843


255.0000, 0.0000,  
0.0000


 115.5630, 13.5264,  
95.0992


 187.4830, 18.0029,  
59.2124


 73.1050, 21.6402,  
106.0249


 207.8120, 22.2777,  
41.3839

 59.5240, 16.0107,  
91.6255

 225.6500, 14.4696,  
25.7400

 47.9320, 10.3865,  
75.4816

 243.2600, 5.7878,  
10.2960

 36.7530, 5.0518,  
59.8526

 25.9870, 0.0064,  
44.7384

 14.5800, -6.2019,

29.3093

■ 0.0000, 0.0000,  
0.0000

■ 146.5800, 11.0531,  
95.0843

■ 146.5800, 11.0531,  
95.0843

■ 130.4230, 12.6095,  
109.2540

■ 163.3240, 9.2073,  
80.3999

■ 113.6790, 14.4553,  
123.9385

■ 179.4810, 7.6509,  
66.2302

■ 97.5220, 16.0117,  
138.1082

■ 196.2250, 5.8051,  
51.5457

■ 90.3810, 16.5742,  
144.3709

■ 212.3820, 4.2487,  
37.3760

■ 229.1260, 2.4029,  
22.6915

245.2830, 0.8465,  
8.5218

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.



154.2380, 36.3647, 49.7803



146.5800, 11.0531, 95.0843



141.7460, -17.6228, 99.3238

# Triad

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



146.5800, 11.0531, 95.0843



135.4590, -66.7813, -0.4025



131.3390, 58.9929, -115.1843

# Complementary

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



146.5800, 11.0531, 95.0843



195.4200, -11.0531, -95.0843

# 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.



128.2320, 34.3956, -112.4595



146.5800, 11.0531, 95.0843



121.6760, -25.9693, -70.7529

# Square

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



146.5800, 11.0531, 95.0843



141.6480, -69.8325, 45.0357



120.2350, 6.2931, -105.4461



124.7510, 64.2128, -109.4066



# Rectangle

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



146.5800, 11.0531, 95.0843



144.7130, -37.8195, 90.5827



120.2350, 6.2931, -105.4461



131.2760, 51.1359, -115.1291

# Sweetspot

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



146.5800, 11.0531, 95.0843



222.0990, 3.4022, 28.8542



131.2680, 60.9999, 34.8450



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.



146.5800, 11.0531, 95.0843



125.2710, 13.1774, 113.7723



137.2320, -24.7644, 103.2825



119.5710, 0.7045, 7.3922



67.7110, 12.4675, 108.1245



22.6700, 4.1067, 36.2464



# Inverse Universe

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



146.5800, 11.0531, 95.0843



125.2710, 13.1774, 113.7723



204.7680, 24.7644, -103.2825



119.5710, 0.7045, 7.3922



67.7110, 12.4675, 108.1245



22.6700, 4.1067, 36.2464



# Previews

## White Background



This preview shows how the YUV color 146.5800, 11.0531, 95.0843 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

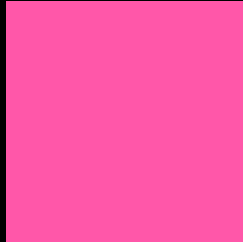
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 146.5800, 11.0531, 95.0843 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 146.5800, 11.0531, 95.0843

## Background



This preview shows how black text looks on a background with the YUV color 146.5800, 11.0531, 95.0843.



This preview shows how white text looks on a background with the YUV color 146.5800, 11.0531,



# 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

146.5800, 11.0531, 95.0843

### Protanopia

151.2840, 29.4400, -16.0351

### Deuteranopia

152.9670, 3.4673, 7.9219



## Tritanopia

146.9360, -19.1954, 90.3871

# Trichromacy



## Original Color

146.5800, 11.0531, 95.0843



## Protanomaly

149.2290, 23.0581, 24.3552



## Deuteranomaly

150.5610, 6.1324, 39.8500



## Tritanomaly

147.1070, -8.4338, 91.9912

# Monochromacy



## Original Color

146.5800, 11.0531, 95.0843



## Achromatopsia

147.0000, 0.0000, 0.0000



## Achromatomaly

146.6590, 4.1121, 34.5021

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 146.5800, 11.0531, 95.0843 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, 87, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 87, 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, 87, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 87, 169) }
```

## Border

The CSS property to change the border of an element to YUV 146.5800, 11.0531, 95.0843 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, 87, 169) }
```



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

```
.border{ border-color:rgb(255, 87, 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, 87, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 87, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 87, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 87,  
169) }
```

# Background

The CSS property to change the background color of an element to YUV 146.5800, 11.0531, 95.0843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 87, 169) }
```

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

```
.background{ background-color: rgb(255, 87,  
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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