

# Converting Colors

YUV(115.5080, 3.6936,  
122.3345)

Have a look what the booklet for  
YUV(115.5080, 3.6936, 122.3345)  
contains.

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# Color

**YUV(115.5080, 3.6936,  
122.3345)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF2B7B
RGB	255, 43, 123
RGB Percent	100%, 17%, 48%
CMY	0.0000, 0.8314, 0.5176
CMYK	0.00, 0.83, 0.52, 0.00
HSL	337°, 100%, 58%
HSV	337°, 83%, 100%
XYZ	45.6790, 24.4178, 21.0444
YIQ	115.5080, 100.6720, 69.8240

# Conversions

## Conversions Part 2

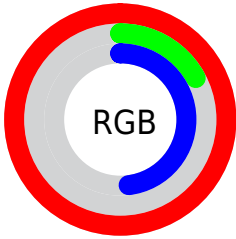
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 43, 123
Decimal	16722811
CIE <sub>Lab</sub>	56.50, 79.13, 9.37
CIE <sub>LCh</sub>	57, 79.685, 6.754
Yxy	24.4178, 0.5012, 0.2679
Android (android.graphics.Color)	4294912891 (0xFFFF2B7B)
YUV	115.5080, 3.6936, 122.3345
Hunter-Lab	49.4144, 78.5316, 9.3398

# Details

The YUV color **115.5080, 3.6936, 122.3345** is a dark color, and the websafe version is hex **FF0066**. The color can be described as middle washed rose. A complement of this color would be **182.4920, -3.6936, -122.3345**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.5260, 6.1497, 81.0997**, and **65.6590, 4.6051, 109.9241** is the 20% darker color. If you saturate the color by 10%, you get **99.0090, 3.9396, 136.8041**, and if you desaturate by 10%, it is **132.5940, 3.1582, 107.3501**.

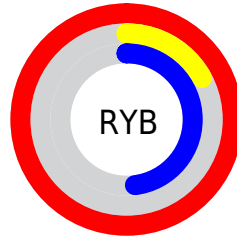
# Distribution



Red (100%)

Green (17%)

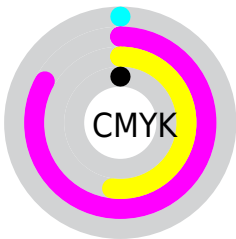
Blue (48%)



Red (100%)

Yellow (17%)

Blue (48%)

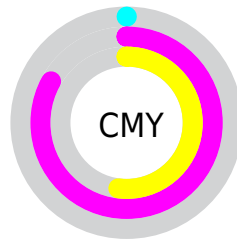


Cyan (0%)

Magenta (83%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (83%)


Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 115.5080, 3.6936, 122.3345 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 115.5080, 3.6936, 122.3345 by changing the saturation by 10% instead.




 115.5080, 3.6936,  
122.3345


 115.5080, 3.6936,  
122.3345


255.0000, 0.0000,  
0.0000


 77.8490, 9.9344,  
127.2974


 162.5260, 6.1497,  
81.0997


 65.6590, 4.6051,  
109.9241


 183.8010, 8.9721,  
62.4415


 53.8820, -0.4348,  
93.0655


 204.6030, 12.5207,  
44.1982

 42.2190, -5.0380,  
76.1069

 225.0630, 14.7589,  
26.2547

 30.1000, -11.3883,  
59.5483

 243.2600, 5.7878,  
10.2960

 20.6740, -8.7133,  
41.5049

 10.5790, -4.7224,

21.4172

■ 0.0000, 0.0000,  
0.0000

■ 115.5080, 3.6936,  
122.3345

■ 115.5080, 3.6936,  
122.3345

■ 99.0090, 3.9396,  
136.8041

■ 132.5940, 3.1582,  
107.3501

■ 87.1890, 4.3438,  
147.1702

■ 149.0930, 2.9122,  
92.8804

■ 166.1790, 2.3768,  
77.8960

■ 182.6780, 2.1307,  
63.4264

■ 199.6500, 1.1586,  
48.5420

216.1490, 0.9125,  
34.0723

233.2350, 0.3771,  
19.0879

249.7340, 0.1311,  
4.6183

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.



129.3890, 30.8672, 86.4818



115.5080, 3.6936, 122.3345



122.7780, -32.9216, 106.3117

# Triad

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



115.5080, 3.6936, 122.3345



112.2250, -55.3269, -34.4003



121.2290, 65.9491, -106.3178

# Complementary

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



115.5080, 3.6936, 122.3345



182.4920, -3.6936, -122.3345

# 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.



121.7070, 47.4724, -106.7370



115.5080, 3.6936, 122.3345



103.8720, -13.2479, -91.0957

# Square

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



115.5080, 3.6936, 122.3345



125.8560, -62.0470, 21.1743



113.9550, 17.7702, -99.9385



111.2500, 70.8688, -97.5662



# Rectangle

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



115.5080, 3.6936, 122.3345



124.7790, -61.5160, 84.3858



113.9550, 17.7702, -99.9385



123.2350, 63.4811, -108.0771

# Sweetspot

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



115.5080, 3.6936, 122.3345



212.8720, 1.0491, 36.9463



106.3370, 73.2909, 59.3405



102.3710, 0.8031, 22.4766



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.



115.5080, 3.6936, 122.3345



87.1890, 4.3438, 147.1702



121.0630, -38.4851, 117.4627



119.4570, 0.2677, 7.4922



65.3170, 3.2947, 110.2240



21.8720, 1.0491, 36.9463



# Inverse Universe

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



115.5080, 3.6936, 122.3345



87.1890, 4.3438, 147.1702



176.9370, 38.4851, -117.4627



119.4570, 0.2677, 7.4922



65.3170, 3.2947, 110.2240



21.8720, 1.0491, 36.9463



# Previews

## White Background



This preview shows how the YUV color 115.5080, 3.6936, 122.3345 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 115.5080, 3.6936, 122.3345 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

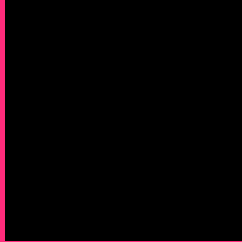
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 115.5080, 3.6936, 122.3345

## Background



This preview shows how black text looks on a background with the YUV color 115.5080, 3.6936, 122.3345.



This preview shows how white text looks on a background with the YUV color 115.5080, 3.6936,



# 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

115.5080, 3.6936, 122.3345

### Protanopia

136.7120, 16.9040, -8.5174

### Deuteranopia

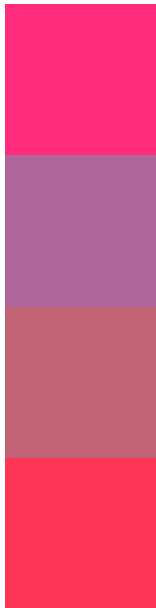
136.7220, -11.6949, 17.7838



## Tritanopia

118.3370, -27.2811, 117.2225

# Trichromacy



## Original Color

115.5080, 3.6936, 122.3345

## Protanomaly

129.4560, 12.1002, 39.0651

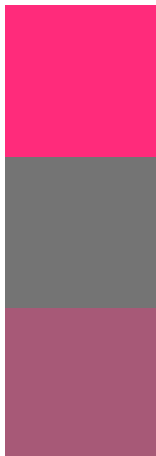
## Deuteranomaly

129.1580, -5.9939, 55.9894

## Tritanomaly

117.0350, -15.7933, 119.2413

# Monochromacy



## Original Color

115.5080, 3.6936, 122.3345

## Achromatopsia

116.0000, 0.0000, 0.0000

## Achromatomaly

115.7420, 1.6062, 44.9533

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 115.5080, 3.6936, 122.3345 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, 43, 123)` looks like.

```
.text, #text, p{  
    color:rgb(255, 43, 123)  
}
```

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, 43, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 43, 123) }
```

## Border

The CSS property to change the border of an element to YUV 115.5080, 3.6936, 122.3345 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, 43, 123) }
```



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

```
.border{ border-color:rgb(255, 43, 123) }
```

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

Here you see how a box with a 4 pixel rgb(255, 43, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 43, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 43, 123);  
box-shadow:4px 4px 4px 4px rgb(255, 43,  
123) }
```

# Background

The CSS property to change the background color of an element to YUV 115.5080, 3.6936, 122.3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 43, 123) }
```

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

```
.background{ background-color: rgb(255, 43,  
123) }
```

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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