

# Converting Colors

YUV(113.8850, 35.5527,  
123.7579)

Have a look what the booklet for  
YUV(113.8850, 35.5527, 123.7579)  
contains.

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# Color

**YUV(113.8850, 35.5527,  
123.7579)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF1CBA
RGB	255, 28, 186
RGB Percent	100%, 11%, 73%
CMY	0.0000, 0.8902, 0.2706
CMYK	0.00, 0.89, 0.27, 0.00
HSL	318°, 100%, 55%
HSV	318°, 89%, 100%
XYZ	50.5182, 25.6357, 48.7399
YIQ	113.8850, 84.5740, 97.2620

# Conversions

## Conversions Part 2

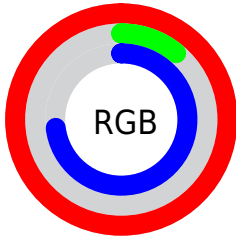
Format	Color
R <sub>Y</sub> B	255, 28, 186
Decimal	16719034
CIE Lab	57.69, 87.39, -25.94
CIE LCh	58, 91.158, 343.466
Yxy	25.6357, 0.4045, 0.2053
Android (android.graphics.Color)	4294909114 (0xFFFF1CBA)
YUV	113.8850, 35.5527, 123.7579
Hunter-Lab	50.6317, 89.4944, -21.6326

# Details

The YUV color **113.8850, 35.5527, 123.7579** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **169.1150, -35.5527, -123.7579**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.8160, 36.5727, 76.4604**, and **72.8690, 29.6446, 105.3549** is the 20% darker color. If you saturate the color by 10%, you get **98.2980, 39.2931, 137.4277**, and if you desaturate by 10%, it is **130.0590, 31.5229, 109.5733**.

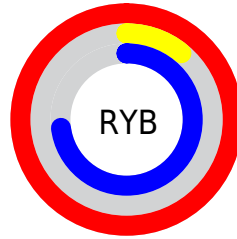
# Distribution



Red (100%)

Green (11%)

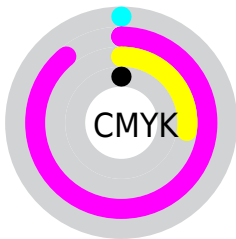
Blue (73%)



Red (100%)

Yellow (11%)

Blue (73%)

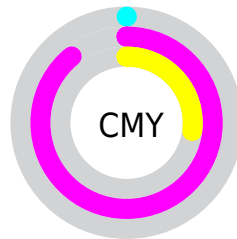


Cyan (0%)

Magenta (89%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (89%)


Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 113.8850, 35.5527, 123.7579 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 113.8850, 35.5527, 123.7579 by changing the saturation by 10% instead.





 113.8850, 35.5527,  
123.7579


 113.8850, 35.5527,  
123.7579


255.0000, 0.0000,  
0.0000


 85.1020, 36.4317,  
121.8135


 167.8160, 36.5727,  
76.4604


 72.8690, 29.6446,  
105.3549


 187.4950, 33.2800,  
59.2019

 60.9350, 22.7100,  
89.5110

 205.6920, 24.3088,  
43.2431


 48.9300, 16.7965,  
72.8524

 223.8890, 15.3377,  
27.2843

 37.5230, 10.5882,  
57.4233

 242.0860, 6.3666,  
11.3256

 26.3440, 5.2534,  
41.7943

 14.6380, -0.8075,

25.7505

■ 0.0000, 0.0000,  
0.0000

■ 113.8850, 35.5527,  
123.7579

■ 113.8850, 35.5527,  
123.7579

■ 98.2980, 39.2931,  
137.4277

■ 130.0590, 31.5229,  
109.5733

■ 96.4230, 39.7245,  
139.0720

■ 145.6460, 27.7825,  
95.9035

■ 161.7060, 23.3159,  
81.8188

■ 177.2930, 19.5756,  
68.1490

■ 193.4670, 15.5458,  
53.9644

■ 209.0540, 11.8054,  
40.2946

■ 225.1140, 7.3388,  
26.2100

■ 240.7010, 3.5984,  
12.5402

■ 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.



140.1390, 56.6265, 37.5891



113.8850, 35.5527, 123.7579



88.4430, 9.1486, 146.0705

# Triad

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



113.8850, 35.5527, 123.7579



126.0670, -62.1510, 7.8342



128.0620, 59.1294, -112.3104

# Complementary

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



113.8850, 35.5527, 123.7579



169.1150, -35.5527, -123.7579

# 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.



120.8000, 26.2276, -105.9416



113.8850, 35.5527, 123.7579



95.0940, -46.8813, -83.3974

# Square

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



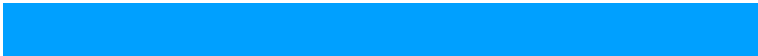
113.8850, 35.5527, 123.7579



130.2620, -64.2192, 64.6682



109.4630, -9.5953, -95.9991



122.9900, 65.0809, -107.8622



# Rectangle

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



113.8850, 35.5527, 123.7579



113.0390, -28.6132, 124.4998



109.4630, -9.5953, -95.9991



126.0270, 48.7937, -110.5257

# Sweetspot

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



113.8850, 35.5527, 123.7579



212.1030, 10.7952, 37.6207



74.2100, 89.1295, 19.1098



102.4510, 6.1867, 22.4065



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.



113.8850, 35.5527, 123.7579



96.4230, 39.7245, 139.0720



101.0030, -13.8055, 135.0554



119.9130, 2.0149, 7.0923



72.2710, 29.9394, 104.1253



24.1520, 9.7851, 34.9467



# Inverse Universe

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



113.8850, 35.5527, 123.7579



96.4230, 39.7245, 139.0720



181.9970, 13.8055, -135.0554



119.9130, 2.0149, 7.0923



72.2710, 29.9394, 104.1253



24.1520, 9.7851, 34.9467



# Previews

## White Background



This preview shows how the YUV color 113.8850, 35.5527, 123.7579 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

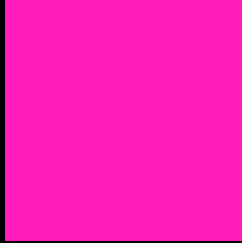
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 113.8850, 35.5527, 123.7579 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

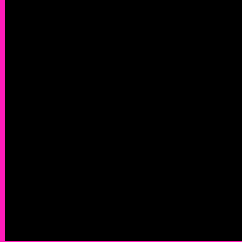
Any Text WCAG AA ✓ Pass

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 113.8850, 35.5527, 123.7579 Background**



This preview shows how black text looks on a background with the YUV color 113.8850, 35.5527, 123.7579.



This preview shows how white text looks on a background with the YUV color 113.8850, 35.5527, 123.7579.



# 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

113.8850, 35.5527, 123.7579

### Protanopia

131.9360, 60.6706, -46.4249

### Deuteranopia

139.7340, 16.8931, -5.0287



## Tritanopia

128.2860, -23.3120, 104.1122

# Trichromacy



## Original Color

113.8850, 35.5527, 123.7579



## Protanomaly

125.3290, 51.6028, 15.4975



## Deuteranomaly

130.4530, 23.4407, 41.6987



## Tritanomaly

122.9490, -1.9469, 111.4237

# Monochromacy



## Original Color

113.8850, 35.5527, 123.7579



## Achromatopsia

114.0000, 0.0000, 0.0000



## Achromatomaly

114.0160, 12.8101, 44.7130

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 113.8850, 35.5527, 123.7579 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, 28, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 28, 186)  
}
```

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, 28, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 28, 186) }
```

## Border

The CSS property to change the border of an element to YUV 113.8850, 35.5527, 123.7579 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, 28, 186) }
```



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

```
.border{ border-color:rgb(255, 28, 186) }
```

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

Here you see how a box with a 4 pixel rgb(255, 28, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 28, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 28, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 28,  
186) }
```

# Background

The CSS property to change the background color of an element to YUV 113.8850, 35.5527, 123.7579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 28, 186) }
```

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

```
.background{ background-color: rgb(255, 28,  
186) }
```

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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