

# Converting Colors

YUV(111.9520, 10.3767,  
125.4531)

Have a look what the booklet for  
YUV(111.9520, 10.3767, 125.4531)  
contains.

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# Color

**YUV(111.9520, 10.3767,  
125.4531)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF2385
RGB	255, 35, 133
RGB Percent	100%, 14%, 52%
CMY	0.0000, 0.8627, 0.4784
CMYK	0.00, 0.86, 0.48, 0.00
HSL	333°, 100%, 57%
HSV	333°, 86%, 100%
XYZ	46.0747, 24.1555, 24.4244
YIQ	111.9520, 99.6620, 77.1180

# Conversions

## Conversions Part 2

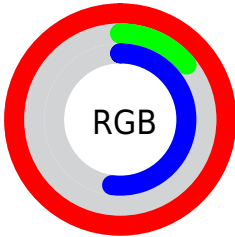
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 35, 133
Decimal	16720773
CIE <sub>Lab</sub>	56.24, 81.38, 3.04
CIE <sub>LCh</sub>	56, 81.439, 2.137
Yxy	24.1555, 0.4868, 0.2552
Android (android.graphics.Color)	4294910853 (0xFFFF2385)
YUV	111.9520, 10.3767, 125.4531
Hunter-Lab	49.1483, 81.3276, 4.9394

# Details

The YUV color **111.9520, 10.3767, 125.4531** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **178.0480, -10.3767, -125.4531**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.0190, 11.8226, 81.5443**, and **66.9840, 8.3889, 109.6390** is the 20% darker color. If you saturate the color by 10%, you get **95.0940, 11.7857, 140.2376**, and if you desaturate by 10%, it is **128.2230, 9.2571, 111.1834**.

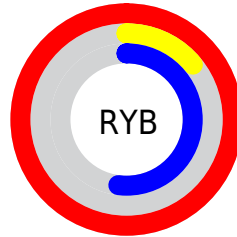
# Distribution



Red (100%)

Green (14%)

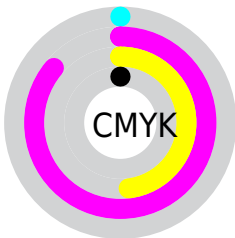
Blue (52%)



Red (100%)

Yellow (14%)

Blue (52%)

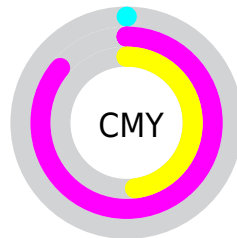


Cyan (0%)

Magenta (86%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (86%)


Yellow (48%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 111.9520, 10.3767, 125.4531 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 111.9520, 10.3767, 125.4531 by changing the saturation by 10% instead.




 111.9520, 10.3767,  
125.4531


 111.9520, 10.3767,  
125.4531

255.0000, 0.0000,  
0.0000


 78.9890, 14.3024,  
126.2976


 162.0190, 11.8226,  
81.5443


 66.9840, 8.3889,  
109.6390


 183.2940, 14.6451,  
62.8862

 54.7940, 3.0596,  
92.2657


 204.2100, 18.6305,  
44.5428

 43.1310, -1.5436,  
75.3071

 223.8890, 15.3377,  
27.2843

 31.7670, -6.2941,  
58.9633

 241.4990, 6.6560,  
11.8404

 20.9730, -8.8607,  
42.1197

 10.8780, -4.8699,

22.0320

■ 0.0000, 0.0000,  
0.0000

■ 111.9520, 10.3767,  
125.4531

■ 111.9520, 10.3767,  
125.4531

■ 95.0940, 11.7857,  
140.2376

■ 128.2230, 9.2571,  
111.1834

■ 89.2410, 12.2062,  
145.3706

■ 145.0810, 7.8481,  
96.3990

■ 161.3520, 6.7285,  
82.1293

■ 178.3240, 5.7563,  
67.2449

■ 195.1820, 4.3473,  
52.4604

■ 211.4530, 3.2277,  
38.1907

■ 227.7240, 2.1081,  
23.9211

■ 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.



130.7840, 35.1095, 79.1194



111.9520, 10.3767, 125.4531



119.3150, -27.2703, 113.7337

# Triad

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



111.9520, 10.3767, 125.4531



114.6390, -56.5170, -25.9934



122.4030, 65.3703, -107.3474

# Complementary

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



111.9520, 10.3767, 125.4531



178.0480, -10.3767, -125.4531

# 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.



120.6810, 43.5413, -105.8372



111.9520, 10.3767, 125.4531



101.6890, -19.0737, -89.1813

# Square

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



111.9520, 10.3767, 125.4531



126.1990, -62.2161, 28.7665



112.5870, 12.5286, -98.7388



113.0110, 70.0006, -99.1106



# Rectangle

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



111.9520, 10.3767, 125.4531



122.9740, -57.1752, 92.1078



112.5870, 12.5286, -98.7388



123.2520, 61.0078, -108.0920

# Sweetspot

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



111.9520, 10.3767, 125.4531



212.0400, 2.9383, 37.6759



96.2590, 78.2593, 52.3929



102.0120, 1.9661, 22.7915



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.



111.9520, 10.3767, 125.4531



89.2410, 12.2062, 145.3706



107.2370, -35.6128, 129.5882



119.4570, 0.2677, 7.4922



66.7990, 8.9731, 108.9243



22.3280, 2.7963, 36.5463



# Inverse Universe

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



111.9520, 10.3767, 125.4531



89.2410, 12.2062, 145.3706



182.7630, 35.6128, -129.5882



119.4570, 0.2677, 7.4922



66.7990, 8.9731, 108.9243

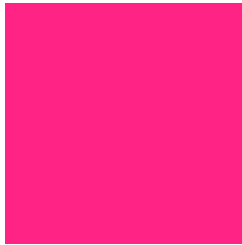


22.3280, 2.7963, 36.5463



# Previews

## White Background



This preview shows how the YUV color 111.9520, 10.3767, 125.4531 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

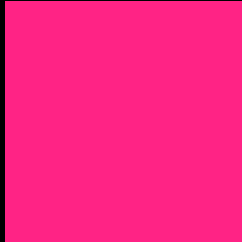
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 111.9520, 10.3767, 125.4531 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

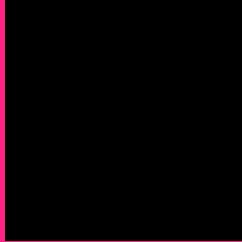
Any Text WCAG AA ✓ Pass

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 111.9520, 10.3767, 125.4531 Background



This preview shows how black text looks on a background with the YUV color 111.9520, 10.3767, 125.4531.



This preview shows how white text looks on a background with the YUV color 111.9520, 10.3767, 125.4531.

125.4531.

# 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

111.9520, 10.3767, 125.4531

### Protanopia

135.5570, 25.3614, -14.5205

### Deuteranopia

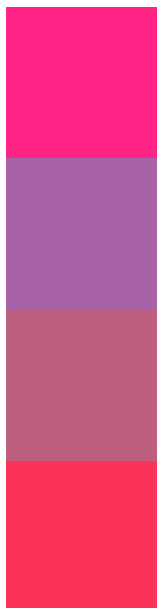
136.0790, -6.4479, 14.8397



## Tritanopia

117.3370, -27.2811, 117.2225

# Trichromacy



## Original Color

111.9520, 10.3767, 125.4531

## Protanomaly

126.7960, 19.8206, 36.1359

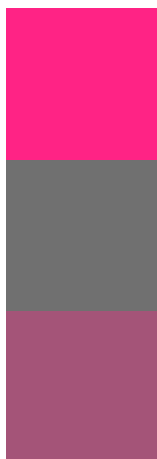
## Deuteranomaly

127.0530, -0.0261, 55.2045

## Tritanomaly

115.3170, -13.4673, 119.8710

# Monochromacy



## Original Color

111.9520, 10.3767, 125.4531

## Achromatopsia

112.0000, 0.0000, 0.0000

## Achromatomaly

112.0240, 3.9322, 45.5830

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 111.9520, 10.3767, 125.4531 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, 35, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 35, 133)  
}
```

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, 35, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 35, 133) }
```

## Border

The CSS property to change the border of an element to YUV 111.9520, 10.3767, 125.4531 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, 35, 133) }
```



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

```
.border{ border-color:rgb(255, 35, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 35, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 35, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 35, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 35,  
133) }
```

# Background

The CSS property to change the background color of an element to YUV 111.9520, 10.3767, 125.4531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 35, 133) }
```

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

```
.background{ background-color: rgb(255, 35,  
133) }
```

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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