

# Converting Colors

YUV(114.6760, 5.5827,  
123.0641)

Have a look what the booklet for  
YUV(114.6760, 5.5827, 123.0641)  
contains.

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# Color

**YUV(114.6760, 5.5827,  
123.0641)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF297E
RGB	255, 41, 126
RGB Percent	100%, 16%, 49%
CMY	0.0000, 0.8392, 0.5059
CMYK	0.00, 0.84, 0.51, 0.00
HSL	336°, 100%, 58%
HSV	336°, 84%, 100%
XYZ	45.7988, 24.3522, 22.0252
YIQ	114.6760, 100.2590, 71.8030

# Conversions

## Conversions Part 2

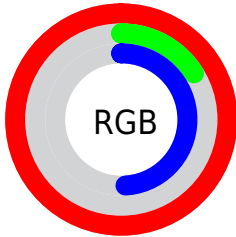
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	255, 41, 126
Decimal	16722302
CIE <sub>Lab</sub>	56.44, 79.75, 7.49
CIE <sub>LCh</sub>	56, 80.105, 5.365
Yxy	24.3522, 0.4969, 0.2642
Android (android.graphics.Color)	4294912382 (0xFFFF297E)
YUV	114.6760, 5.5827, 123.0641
Hunter-Lab	49.3480, 79.3032, 8.0810

# Details

The YUV color **114.6760, 5.5827, 123.0641** 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 **181.3240, -5.5827, -123.0641**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.2810, 7.7495, 81.3146**, and **66.0010, 5.9155, 109.6241** is the 20% darker color. If you saturate the color by 10%, you get **98.2910, 6.2655, 137.4338**, and if you desaturate by 10%, it is **131.0610, 4.8999, 108.6945**.

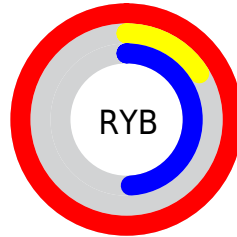
# Distribution



Red (100%)

Green (16%)

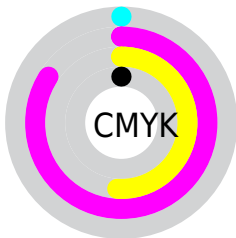
Blue (49%)



Red (100%)

Yellow (16%)

Blue (49%)

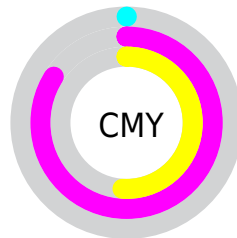


Cyan (0%)

Magenta (84%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (84%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 114.6760, 5.5827, 123.0641 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 114.6760, 5.5827, 123.0641 by changing the saturation by 10% instead.



114.6760, 5.5827,  
123.0641

114.6760, 5.5827,  
123.0641

255.0000, 0.0000,  
0.0000

78.1910, 11.2448,  
126.9975

162.2810, 7.7495,  
81.3146

66.0010, 5.9155,  
109.6241

183.6700, 11.0087,  
62.5564

54.1100, 0.4388,  
92.8655

204.4720, 14.5573,  
44.3131

42.4470, -4.1644,  
75.9070

225.0630, 14.7589,  
26.2547

30.6700, -9.2043,  
59.0484

242.6730, 6.0772,  
10.8108

20.6740, -8.7133,  
41.5049

10.5790, -4.7224,

21.4172

■ 0.0000, 0.0000,  
0.0000

■ 114.6760, 5.5827,  
123.0641

■ 114.6760, 5.5827,  
123.0641

■ 98.2910, 6.2655,  
137.4338

■ 131.0610, 4.8999,  
108.6945

■ 87.7590, 6.5278,  
146.6704

■ 148.1470, 4.3645,  
93.7101

■ 165.1190, 3.3923,  
78.8256

■ 181.5040, 2.7095,  
64.4560

■ 198.5900, 2.1741,  
49.4716

214.9750, 1.4913,  
35.1019

232.0610, 0.9559,  
20.1175

248.4460, 0.2731,  
5.7479

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.



129.7200, 32.1830, 84.4376



114.6760, 5.5827, 123.0641



121.8430, -31.4746, 108.8857

# Triad

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



114.6760, 5.5827, 123.0641



112.8340, -55.6272, -31.4264



121.8160, 65.6597, -106.8326

# Complementary

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



114.6760, 5.5827, 123.0641



181.3240, -5.5827, -123.0641

# 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.



121.3650, 46.1621, -106.4371



114.6760, 5.5827, 123.0641



103.4160, -14.9951, -90.6958

# Square

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



114.6760, 5.5827, 123.0641



126.1660, -62.1998, 23.5334



113.4990, 16.0230, -99.5386



111.8370, 70.5794, -98.0810



# Rectangle

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



114.6760, 5.5827, 123.0641



123.6160, -60.9427, 87.1598



113.4990, 16.0230, -99.5386



123.0070, 62.6075, -107.8771

# Sweetspot

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



114.6760, 5.5827, 123.0641



213.1000, 1.9227, 36.7463



103.6680, 74.6067, 57.2962



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.



114.6760, 5.5827, 123.0641



87.7590, 6.5278, 146.6704



117.3130, -37.6223, 120.7515



119.4570, 0.2677, 7.4922



65.7730, 5.0419, 109.8241



21.9860, 1.4859, 36.8463



# Inverse Universe

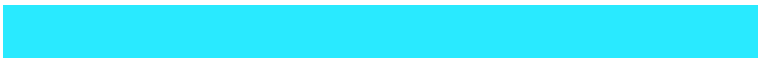
The Inverse Universe completely reimagines the original color for something new.



114.6760, 5.5827, 123.0641



87.7590, 6.5278, 146.6704



178.6870, 37.6223, -120.7515



119.4570, 0.2677, 7.4922



65.7730, 5.0419, 109.8241



21.9860, 1.4859, 36.8463



# Previews

## White Background



This preview shows how the YUV color 114.6760, 5.5827, 123.0641 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 114.6760, 5.5827, 123.0641 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 114.6760, 5.5827, 123.0641

## Background



This preview shows how black text looks on a background with the YUV color 114.6760, 5.5827, 123.0641.



This preview shows how white text looks on a background with the YUV color 114.6760, 5.5827,



# 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

114.6760, 5.5827, 123.0641

### Protanopia

135.9830, 19.2354, -9.6321

### Deuteranopia

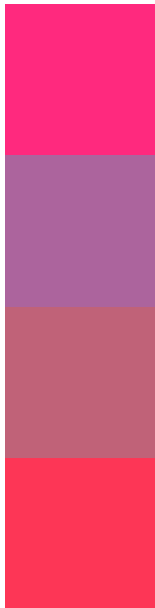
136.7650, -10.2371, 16.8691



## Tritanopia

118.3370, -27.2811, 117.2225

# Trichromacy



## Original Color

114.6760, 5.5827, 123.0641

## Protanomaly

128.0260, 14.2842, 38.5652

## Deuteranomaly

128.6140, -4.2467, 55.5895

## Tritanomaly

117.1490, -15.3565, 119.1413

# Monochromacy



## Original Color

114.6760, 5.5827, 123.0641

## Achromatopsia

115.0000, 0.0000, 0.0000

## Achromatomaly

114.8560, 2.0430, 44.8533

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 114.6760, 5.5827, 123.0641 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, 41, 126)` looks like.

```
.text, #text, p{  
    color:rgb(255, 41, 126)  
}
```

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, 41, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 41, 126) }
```

## Border

The CSS property to change the border of an element to YUV 114.6760, 5.5827, 123.0641 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, 41, 126) }
```



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

```
.border{ border-color:rgb(255, 41, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 41, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 41, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 41, 126);  
box-shadow:4px 4px 4px 4px rgb(255, 41,  
126) }
```

# Background

The CSS property to change the background color of an element to YUV 114.6760, 5.5827, 123.0641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 41, 126) }
```

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

```
.background{ background-color: rgb(255, 41,  
126) }
```

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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