

# Converting Colors

YUV(124.2160, -3.5575,  
114.6976)

Have a look what the booklet for  
YUV(124.2160, -3.5575, 114.6976)  
contains.

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# Color

**YUV(124.2160, -3.5575,  
114.6976)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF3B75
RGB	255, 59, 117
RGB Percent	100%, 23%, 46%
CMY	0.0000, 0.7686, 0.5412
CMYK	0.00, 0.77, 0.54, 0.00
HSL	342°, 100%, 62%
HSV	342°, 77%, 100%
XYZ	46.0149, 25.6723, 19.3596
YIQ	124.2160, 98.1980, 59.5900

# Conversions

## Conversions Part 2

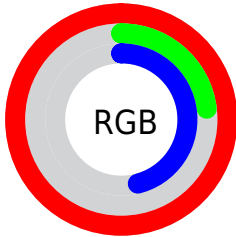
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 59, 117
Decimal	16726901
CIE <sub>Lab</sub>	57.72, 74.83, 14.65
CIE <sub>LCh</sub>	58, 76.247, 11.077
Yxy	25.6723, 0.5054, 0.2820
Android (android.graphics.Color)	4294916981 (0xFFFF3B75)
YUV	124.2160, -3.5575, 114.6976
Hunter-Lab	50.6678, 73.4391, 12.8134

# Details

The YUV color **124.2160, -3.5575, 114.6976** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **189.7840, 3.5575, -114.6976**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.7120, 0.6350, 76.5516**, and **64.9750, 1.9843, 110.5239** is the 20% darker color. If you saturate the color by 10%, you get **106.9020, -3.8957, 129.8819**, and if you desaturate by 10%, it is **141.5300, -3.2193, 99.5132**.

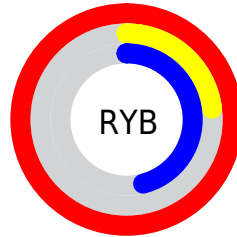
# Distribution



Red (100%)

Green (23%)

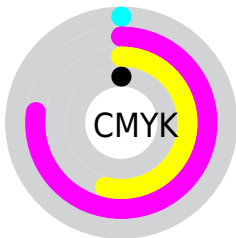
Blue (46%)



Red (100%)

Yellow (23%)

Blue (46%)

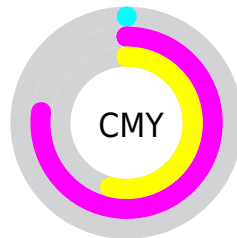


Cyan (0%)

Magenta (77%)

Yellow (54%)

Black (0%)



Cyan (0%)

Magenta (77%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 124.2160, -3.5575, 114.6976 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 124.2160, -3.5575, 114.6976 by changing the saturation by 10% instead.



124.2160, -3.5575,  
114.6976

124.2160, -3.5575,  
114.6976

255.0000, 0.0000,  
0.0000

79.6270, 6.5929,  
125.7381

167.7120, 0.6350,  
76.5516

64.9750, 1.9843,  
110.5239

188.4000, 3.7468,  
58.4082

53.3120, -2.6188,  
93.5654

209.2020, 7.2954,  
40.1648

41.7630, -6.7852,  
76.5068

230.0040, 10.8440,  
21.9215

29.8290, -13.7197,  
60.6630

247.9560, 3.4727,  
6.1776

20.9730, -8.8607,  
42.1197

10.8780, -4.8699,

22.0320

■ 0.0000, 0.0000,  
0.0000

■ 124.2160, -3.5575,  
114.6976

■ 124.2160, -3.5575,  
114.6976

■ 106.9020, -3.8957,  
129.8819

■ 141.5300, -3.2193,  
99.5132

■ 90.1750, -4.5233,  
144.5515

■ 158.2570, -2.5917,  
84.8436

■ 84.7950, -4.8289,  
149.2698

■ 175.5710, -2.2535,  
69.6592

■ 192.2980, -1.6259,  
54.9897

■ 209.6120, -1.2877,  
39.8053

■ 226.3390, -0.6601,  
25.1357

■ 243.6530, -0.3219,  
9.9513

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.



133.3910, 24.4572, 89.1111



124.2160, -3.5575, 114.6976



129.1700, -37.5518, 98.0749

# Triad

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



124.2160, -3.5575, 114.6976



114.0760, -49.3375, -42.1627



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.



124.2160, -3.5575, 114.6976



189.7840, 3.5575, -114.6976

# 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.



123.0920, 50.2406, -107.9517



124.2160, -3.5575, 114.6976



107.4570, -7.1273, -94.2398

# Square

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



124.2160, -3.5575, 114.6976



127.8830, -63.0463, 15.0116



117.0840, 22.1436, -102.6827



110.6630, 71.1581, -97.0515



# Rectangle

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



124.2160, -3.5575, 114.6976



128.5670, -63.3835, 76.6787



117.0840, 22.1436, -102.6827



124.1640, 64.5021, -108.8918

# Sweetspot

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



124.2160, -3.5575, 114.6976



215.6930, -0.8346, 34.4722



122.3070, 65.4176, 64.6288



103.9040, -0.9387, 21.1322



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.



124.2160, -3.5575, 114.6976



98.2450, -4.0648, 137.4741



140.4970, -40.1780, 100.4191



119.3430, -0.1691, 7.5922



63.6070, -3.2573, 111.7237



21.3020, -1.1349, 37.4461



# Inverse Universe

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



124.2160, -3.5575, 114.6976



98.2450, -4.0648, 137.4741



173.5030, 40.1780, -100.4191



119.3430, -0.1691, 7.5922



63.6070, -3.2573, 111.7237



21.3020, -1.1349, 37.4461



# Previews

## White Background



This preview shows how the YUV color 124.2160, -3.5575, 114.6976 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

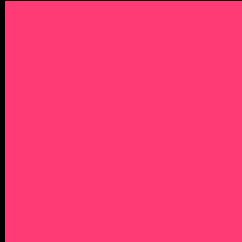
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 124.2160, -3.5575, 114.6976 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 124.2160, -3.5575, 114.6976

## Background



This preview shows how black text looks on a background with the YUV color 124.2160, -3.5575, 114.6976.



This preview shows how white text looks on a background with the YUV color 124.2160, -3.5575,



# 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

124.2160, -3.5575, 114.6976

### Protanopia

139.5680, 8.5940, -3.1291

### Deuteranopia

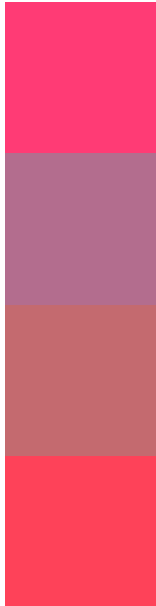
139.1200, -15.3422, 20.9428



## Tritanopia

125.0590, -25.6651, 112.2043

# Trichromacy



## Original Color

124.2160, -3.5575, 114.6976

## Protanomaly

133.6920, 4.0958, 39.7351

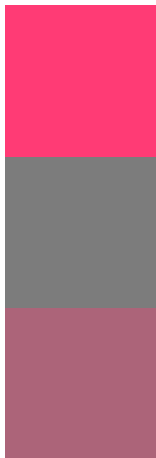
## Deuteranomaly

133.4800, -11.0826, 54.8300

## Tritanomaly

124.8340, -17.6662, 113.2786

# Monochromacy



## Original Color

124.2160, -3.5575, 114.6976

## Achromatopsia

124.0000, 0.0000, 0.0000

## Achromatomaly

123.9220, -1.4405, 42.1644

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 124.2160, -3.5575, 114.6976 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, 59, 117)` looks like.

```
.text, #text, p{  
    color:rgb(255, 59, 117)  
}
```

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, 59, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 59, 117) }
```

## Border

The CSS property to change the border of an element to YUV 124.2160, -3.5575, 114.6976 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, 59, 117) }
```



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

```
.border{ border-color:rgb(255, 59, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 59, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 59, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 59, 117); box-shadow:4px 4px 4px 4px rgb(255, 59, 117) }
```

# Background

The CSS property to change the background color of an element to YUV 124.2160, -3.5575, 114.6976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 59, 117) }
```

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

```
.background{ background-color: rgb(255, 59,  
117) }
```

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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