

# Converting Colors

YUV(122.6160, 3.1473,  
110.8388)

Have a look what the booklet for  
YUV(122.6160, 3.1473, 110.8388)  
contains.

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# Color

**YUV(122.6160, 3.1473,  
110.8388)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F93981
RGB	249, 57, 129
RGB Percent	98%, 22%, 51%
CMY	0.0235, 0.7765, 0.4941
CMYK	0.00, 0.77, 0.48, 0.02
HSL	338°, 94%, 60%
HSV	338°, 77%, 98%
XYZ	44.4925, 24.6510, 23.1820
YIQ	122.6160, 91.3200, 63.0960

# Conversions

## Conversions Part 2

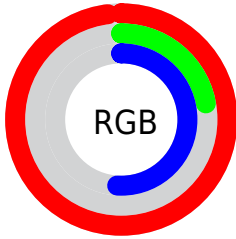
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	249, 57, 129
Decimal	16333185
CIE <sub>Lab</sub>	56.73, 74.72, 5.98
CIE <sub>LCh</sub>	57, 74.959, 4.575
Yxy	24.6510, 0.4819, 0.2670
Android (android.graphics.Color)	4294523265 (0xFFFF93981)
YUV	122.6160, 3.1473, 110.8388
Hunter-Lab	49.6497, 73.0717, 7.0717

# Details

The YUV color **122.6160, 3.1473, 110.8388** 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 **183.3840, -3.1473, -110.8388**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.0200, 6.8921, 76.2815**, and **64.7340, 7.5261, 106.3503** is the 20% darker color. If you saturate the color by 10%, you get **106.1170, 3.3933, 125.3084**, and if you desaturate by 10%, it is **139.1150, 2.9013, 96.3691**.

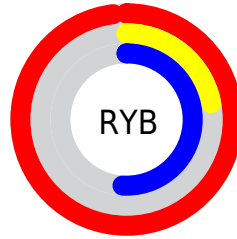
# Distribution



Red (98%)

Green (22%)

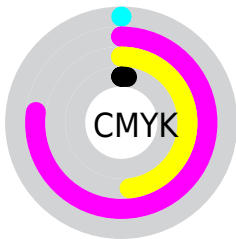
Blue (51%)



Red (98%)

Yellow (22%)

Blue (51%)

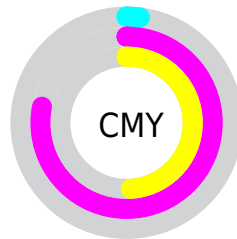


Cyan (0%)

Magenta (77%)

Yellow (48%)

Black (2%)



Cyan (2%)

Magenta (78%)


Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 122.6160, 3.1473, 110.8388 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 122.6160, 3.1473, 110.8388 by changing the saturation by 10% instead.



 122.6160, 3.1473,  
110.8388


 122.6160, 3.1473,  
110.8388

255.0000, 0.0000,  
0.0000


 76.7390, 13.4397,  
123.0089


 168.0200, 6.8921,  
76.2815


 64.7340, 7.5261,  
106.3503


 188.7080, 10.0040,  
58.1381


 52.9570, 2.4862,  
89.4917


 209.5100, 13.5526,  
39.8947

 41.5930, -2.2643,  
73.1479

 229.1720, 12.7332,  
22.6512

 30.1150, -7.4517,  
56.9041

 246.7820, 4.0515,  
7.2072

 19.7770, -8.2711,  
39.6606

 9.3830, -4.1328,

18.9581

■ 0.0000, 0.0000,  
0.0000

■ 122.6160, 3.1473,  
110.8388

■ 122.6160, 3.1473,  
110.8388

■ 106.1170, 3.3933,  
125.3084

■ 139.1150, 2.9013,  
96.3691

■ 89.7320, 4.0761,  
139.6780

■ 155.5000, 2.2185,  
81.9995

■ 85.0530, 3.9179,  
143.7815

■ 171.9990, 1.9725,  
67.5299

■ 188.3840, 1.2897,  
53.1602

■ 204.2960, 1.3331,  
39.2054

220.6810, 0.6503,  
24.8358

237.1800, 0.4043,  
10.3661

253.0920, 0.4476,  
-3.5887

253.2060, 0.8844,  
-3.6887

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



133.8670, 29.1526, 76.4156



122.6160, 3.1473, 110.8388



125.6680, -29.4163, 102.0232

# Triad

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



122.6160, 3.1473, 110.8388



115.5250, -56.9538, -25.8934



121.1150, 65.5123, -106.2179

# Complementary

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



122.6160, 3.1473, 110.8388



183.3840, -3.1473, -110.8388

# 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.



120.0940, 43.8307, -105.3224



122.6160, 3.1473, 110.8388



103.1710, -13.3953, -90.4810

# Square

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



122.6160, 3.1473, 110.8388



126.7640, -62.4947, 24.7630



113.3850, 15.5862, -99.4386



111.8370, 70.5794, -98.0810



# Rectangle

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



122.6160, 3.1473, 110.8388



127.7600, -52.6327, 81.7715



113.3850, 15.5862, -99.4386



121.5080, 59.4026, -106.5625

# Sweetspot

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



122.6160, 3.1473, 110.8388



216.1490, 0.9125, 34.0723



114.1700, 66.4712, 53.3479



104.2460, 0.3717, 20.8323



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.



122.6160, 3.1473, 110.8388



99.0090, 3.9396, 136.8041



127.3220, -34.6687, 106.7116



116.4570, 0.2677, 7.4922



64.6050, 3.1527, 109.0944



20.8610, 1.0545, 35.2019



# Inverse Universe

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



122.6160, 3.1473, 110.8388



99.0090, 3.9396, 136.8041



178.6780, 34.6687, -106.7116



116.4570, 0.2677, 7.4922



64.6050, 3.1527, 109.0944



20.8610, 1.0545, 35.2019



# Previews

## White Background



This preview shows how the YUV color 122.6160, 3.1473, 110.8388 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

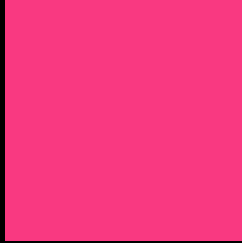
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 122.6160, 3.1473, 110.8388 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 122.6160, 3.1473, 110.8388

## Background



This preview shows how black text looks on a background with the YUV color 122.6160, 3.1473, 110.8388.



This preview shows how white text looks on a background with the YUV color 122.6160, 3.1473,



# 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

122.6160, 3.1473, 110.8388

### Protanopia

136.9400, 17.7776, -8.7174

### Deuteranopia

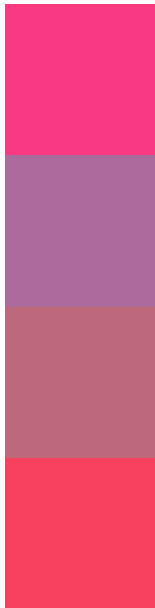
137.2210, -8.4900, 16.4692



## Tritanopia

123.7810, -24.0490, 107.1861

# Trichromacy



## Original Color

122.6160, 3.1473, 110.8388

## Protanomaly

131.8360, 12.4059, 34.3468

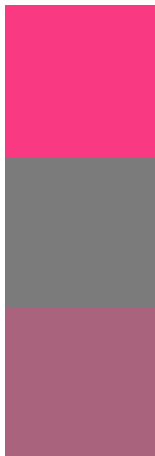
## Deuteranomaly

131.8800, -4.3778, 50.9712

## Tritanomaly

123.4250, -14.0135, 108.3753

# Monochromacy



## Original Color

122.6160, 3.1473, 110.8388

## Achromatopsia

123.0000, 0.0000, 0.0000

## Achromatomaly

122.8940, 1.0383, 40.4350

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 122.6160, 3.1473, 110.8388 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(249, 57, 129)` looks like.

```
.text, #text, p{  
    color:rgb(249, 57, 129)  
}
```

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(249, 57, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 57, 129) }
```

## Border

The CSS property to change the border of an element to YUV 122.6160, 3.1473, 110.8388 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(249, 57, 129) }
```



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

```
.border{ border-color:rgb(249, 57, 129) }
```

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

Here you see how a box with a 4 pixel rgb(249, 57, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 57, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 57, 129);  
box-shadow:4px 4px 4px 4px rgb(249, 57,  
129) }
```

# Background

The CSS property to change the background color of an element to YUV 122.6160, 3.1473, 110.8388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 57, 129) }
```

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

```
.background{ background-color: rgb(249, 57,  
129) }
```

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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