

Converting Colors

YUV(110.8580, -3.8740,
122.9045)

Have a look what the booklet for
YUV(110.8580, -3.8740, 122.9045)
contains.

YUV(110.8580, -3.8740, 122.9045)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(110.8580, -3.8740,
122.9045)**

Conversions

Conversions Part 1

Format	Color
Hex	FB2967
RGB	251, 41, 103
RGB Percent	98%, 16%, 40%
CMY	0.0157, 0.8392, 0.5961
CMYK	0.00, 0.84, 0.59, 0.02
HSL	342°, 96%, 57%
HSV	342°, 84%, 98%
XYZ	43.0248, 23.0744, 15.0181
YIQ	110.8580, 105.2580, 63.8020

Conversions

Conversions Part 2

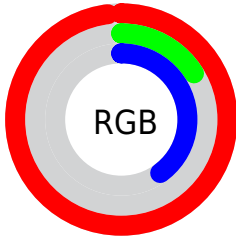
Format	Color
RYB	251, 41, 103
Decimal	16460135
CIELab	55.15, 77.23, 19.34
CIELCh	55, 79.618, 14.055
Yxy	23.0744, 0.5304, 0.2845
Android (android.graphics.Color)	4294650215 (0xFFFB2967)
YUV	110.8580, -3.8740, 122.9045
Hunter-Lab	48.0358, 75.8165, 15.0884

Details

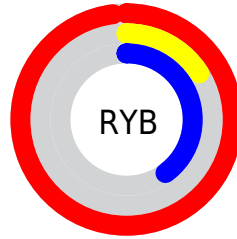
The YUV color **110.8580, -3.8740, 122.9045** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed rose. A complement of this color would be **181.1420, 3.8740, -122.9045**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.9580, -2.4443, 84.2288**, and **62.4110, -2.6676, 109.2646** is the 20% darker color. If you saturate the color by 10%, you get **94.1310, -4.5016, 137.5741**, and if you desaturate by 10%, it is **127.5850, -3.2464, 108.2350**.

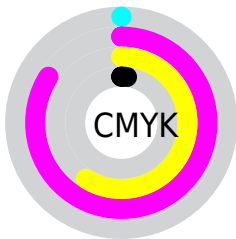
Distribution



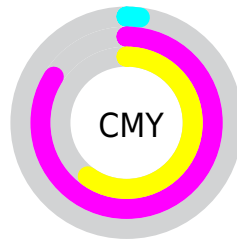
- Red (98%)
- Green (16%)
- Blue (40%)



- Red (98%)
- Yellow (16%)
- Blue (40%)



- Cyan (0%)
- Magenta (84%)
- Yellow (59%)
- Black (2%)



- Cyan (2%)
- Magenta (84%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YUV color 110.8580, -3.8740, 122.9045 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 110.8580, -3.8740, 122.9045 by changing the saturation by 10% instead.


 110.8580, -3.8740,
122.9045


 110.8580, -3.8740,
122.9045


255.0000, 0.0000,
0.0000


 74.4870, 2.2249,
126.7379


 158.9580, -2.4443,
84.2288

 62.4110, -2.6676,
109.2646


 180.1190, -0.0587,
65.6706

 50.4490, -7.1234,
91.6912


 200.9210, 3.4899,
47.4273

 38.9000, -11.2897,
74.6327

 221.7230, 7.0386,
29.1839

 28.1490, -12.3985,
56.8743

 241.4990, 6.6560,
11.8404

 18.8800, -7.8288,
37.8162

 7.8880, -3.3958,

15.8842

■ 0.0000, 0.0000,
0.0000

■ 110.8580, -3.8740,
122.9045

■ 110.8580, -3.8740,
122.9045

■ 94.1310, -4.5016,
137.5741

■ 127.5850, -3.2464,
108.2350

■ 83.4850, -4.6761,
146.9107

■ 144.1980, -3.0556,
93.6654

■ 160.9250, -2.4280,
78.9958

■ 177.6520, -1.8004,
64.3262

■ 194.2650, -1.6096,
49.7566

211.5790, -1.2714,
34.5722

228.3060, -0.6439,
19.9026

245.0330, -0.0163,
5.2331

253.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



120.9840, 25.1509, 99.9920



110.8580, -3.8740, 122.9045



120.6170, -42.2092, 98.5599

Triad

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



110.8580, -3.8740, 122.9045



100.5750, -49.5835, -56.6323



117.7070, 67.6854, -103.2290

Complementary

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



110.8580, -3.8740, 122.9045



181.1420, 3.8740, -122.9045

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.



119.7980, 52.8506, -105.0628



110.8580, -3.8740, 122.9045



103.7070, -6.2646, -90.9510

Square

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



110.8580, -3.8740, 122.9045



120.4630, -59.3883, 8.3639



113.7900, 24.7535, -99.7938



105.3800, 73.7627, -92.4183

Rectangle

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



110.8580, -3.8740, 122.9045



123.2290, -60.7519, 72.5902



113.7900, 24.7535, -99.7938



120.0550, 66.5279, -105.2882

Sweetspot

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



110.8580, -3.8740, 122.9045



212.3020, -1.1349, 37.4461



108.8930, 70.0588, 69.3768



102.0290, -0.5073, 22.7766



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.



110.8580, -3.8740, 122.9045



84.7950, -4.8289, 149.2698



128.4440, -43.1099, 107.4816



116.3430, -0.1691, 7.5922



62.8950, -3.3992, 110.5941



20.2910, -1.1295, 35.7018

Inverse Universe

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



110.8580, -3.8740, 122.9045



84.7950, -4.8289, 149.2698



163.5560, 43.1099, -107.4816



116.3430, -0.1691, 7.5922



62.8950, -3.3992, 110.5941



20.2910, -1.1295, 35.7018

Previews

White Background



This preview shows how the YUV color 110.8580, -3.8740, 122.9045 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 110.8580, -3.8740, 122.9045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

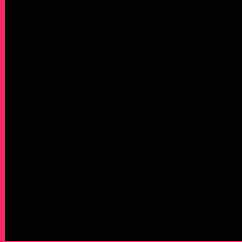
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 110.8580, -3.8740, 122.9045

Background



This preview shows how black text looks on a background with the YUV color 110.8580, -3.8740, 122.9045.



This preview shows how white text looks on a background with the YUV color 110.8580, -3.8740,

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

110.8580, -3.8740, 122.9045

Protanopia

133.0690, 5.3890, -1.8145

Deuteranopia

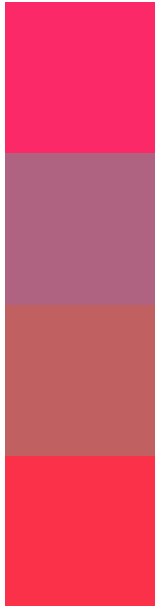
132.3930, -19.4207, 22.4573



Tritanopia

112.4190, -28.3076, 119.7815

Trichromacy



Original Color

110.8580, -3.8740, 122.9045

Protanomaly

125.1440, 1.9010, 43.7237

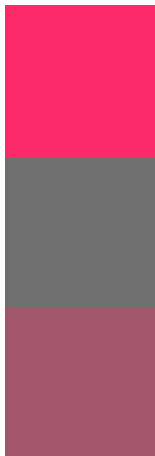
Deuteranomaly

124.8180, -13.7143, 58.9186

Tritanomaly

111.7210, -19.5825, 121.2707

Monochromacy



Original Color

110.8580, -3.8740, 122.9045

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.2320, -1.5934, 44.5235

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.8580, -3.8740, 122.9045 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(251, 41, 103)` looks like.

```
.text, #text, p{  
    color:rgb(251, 41, 103)  
}
```

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(251, 41, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 41, 103) }
```

Border

The CSS property to change the border of an element to YUV 110.8580, -3.8740, 122.9045 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(251, 41, 103) }
```


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

```
.border{ border-color:rgb(251, 41, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 41, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 41, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 41, 103);  
box-shadow:4px 4px 4px 4px rgb(251, 41,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 110.8580, -3.8740, 122.9045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 41, 103) }
```

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

```
.background{ background-color: rgb(251, 41,  
103) }
```

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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