

# Converting Colors

YUV(121.9620, -11.8133,  
102.6423)

Have a look what the booklet for  
YUV(121.9620, -11.8133, 102.6423)  
contains.

|  |    |
|--|----|
| <b>YUV(121.9620, -11.8133, 102.6423)</b> ..... | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 12 |
| <b><i>Previews</i></b> .....                   | 24 |
| <b><i>Color Blindness Simulation</i></b> ..... | 28 |
| <b><i>CSS Examples</i></b> .....               | 31 |

# Color

**YUV(121.9620, -11.8133,  
102.6423)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | EF4362                     |
| RGB           | 239, 67, 98                |
| RGB Percent   | 94%, 26%, 38%              |
| CMY           | 0.0627, 0.7373, 0.6157     |
| CMYK          | 0.00, 0.72, 0.59, 0.06     |
| HSL           | 349°, 84%, 60%             |
| HSV           | 349°, 72%, 94%             |
| XYZ           | 39.8084, 23.2469, 13.9442  |
| YIQ           | 121.9620, 92.5610, 46.1050 |

# Conversions

## Conversions Part 2

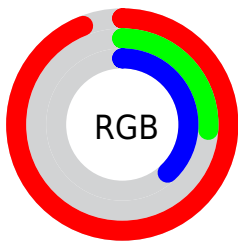
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>R<sub>YB</sub></b>               | 239, 67, 98                     |
| Decimal                             | 15680354                        |
| CIE <sub>Lab</sub>                  | 55.33, 66.66, 22.16             |
| CIE <sub>LCh</sub>                  | 55, 70.245, 18.393              |
| Yxy                                 | 23.2469, 0.5170,<br>0.3019      |
| Android<br>(android.graphics.Color) | 4293870434<br>(0xFFEF4362)      |
| YUV                                 | 121.9620, -11.8133,<br>102.6423 |
| Hunter-Lab                          | 48.2150, 63.0009,<br>16.6033    |

# Details

The YUV color **121.9620, -11.8133, 102.6423** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle muted rose. A complement of this color would be **184.0380, 11.8133, -102.6423**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.6660, -9.6953, 76.5919**, and **58.5520, -3.2301, 103.0019** is the 20% darker color. If you saturate the color by 10%, you get **105.5940, -13.6038, 116.9971**, and if you desaturate by 10%, it is **138.3300, -10.0227, 88.2876**.

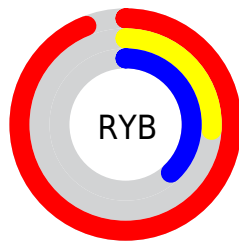
# Distribution



Red (94%)

Green (26%)

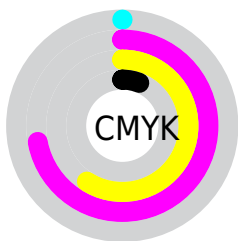
Blue (38%)



Red (94%)

Yellow (26%)

Blue (38%)

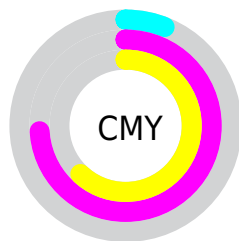


Cyan (0%)

Magenta (72%)

Yellow (59%)

Black (6%)



Cyan (6%)

Magenta (74%)


Yellow (62%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 121.9620, -11.8133, 102.6423 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 121.9620, -11.8133, 102.6423 by changing the saturation by 10% instead.




 121.9620,  
-11.8133, 102.6423


 121.9620,  
-11.8133, 102.6423


255.0000, 0.0000,  
0.0000


 87.9390, -6.8719,  
104.4165


 167.6660, -9.6953,  
76.5919


 58.5520, -3.2301,  
103.0019


 187.7670, -6.2941,  
58.9633

 46.8890, -7.8333,  
86.0433


 207.8680, -2.8929,  
41.3348

 35.4110, -13.0206,  
69.7996

 228.0830, 0.9451,  
23.6062

 25.3440, -11.5086,  
51.4413

 248.5430, 3.1833,  
5.6628

 16.6730, -7.2338,  
33.6128

 2.6910, -1.3267,

5.5330

■ 0.0000, 0.0000,  
0.0000

■ 121.9620,  
-11.8133, 102.6423

■ 121.9620,  
-11.8133, 102.6423

■ 105.5940,  
-13.6038, 116.9971

■ 138.3300,  
-10.0227, 88.2876

■ 89.3400, -14.9576,  
131.2518

■ 154.5840, -8.6689,  
74.0328

■ 76.3630, -16.4480,  
142.6326

■ 170.9520, -6.8783,  
59.6781

■ 187.2060, -5.5246,  
45.4233

■ 202.9870, -3.4446,  
31.5834

■ 219.3550, -1.6540,  
17.2287

■ 235.6090, -0.3002,  
2.9739

■ 250.2160, 2.3585,  
-9.8364

# Harmonies

## Analogous

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



126.5130, 16.0161, 89.8811



121.9620, -11.8133, 102.6423



125.5180, -42.1604, 82.8607

# Triad

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



121.9620, -11.8133, 102.6423



106.2600, -31.6802, -58.9870



115.1310, 67.9694, -100.9699

# Complementary

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



121.9620, -11.8133, 102.6423



184.0380, 11.8133, -102.6423

# 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.



117.5810, 51.9716, -103.1185



121.9620, -11.8133, 102.6423



104.8300, 0.5768, -91.9359

# Square

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



121.9620, -11.8133, 102.6423



119.8430, -59.0826, 3.6457



113.1860, 27.5163, -99.2641



124.1640, 61.5441, -46.6248



# Rectangle

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



121.9620, -11.8133, 102.6423



124.3370, -61.2981, 61.0945



113.1860, 27.5163, -99.2641



116.6810, 63.7543, -102.3292

# Sweetspot

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



121.9620, -11.8133, 102.6423



216.8840, -3.8868, 33.4277



128.4680, 54.4923, 68.8726



104.8500, -2.3910, 20.3026



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.



121.9620, -11.8133, 102.6423



105.9270, -15.2470, 130.7370



150.1260, -40.9811, 77.9425



111.8160, -0.8953, 7.1774



58.7780, -12.7086, 109.8197



17.8840, -3.8868, 33.4277



# Inverse Universe

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



121.9620, -11.8133, 102.6423



105.9270, -15.2470, 130.7370



155.8740, 40.9811, -77.9425



111.8160, -0.8953, 7.1774



58.7780, -12.7086, 109.8197



17.8840, -3.8868, 33.4277



# Previews

## White Background



This preview shows how the YUV color 121.9620, -11.8133, 102.6423 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 121.9620, -11.8133, 102.6423 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 121.9620, -11.8133, 102.6423 Background



This preview shows how black text looks on a background with the YUV color 121.9620, -11.8133, 102.6423.



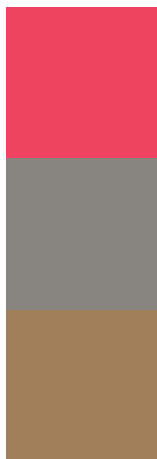
This preview shows how white text looks on a background with the YUV color 121.9620, -11.8133, 102.6423.



# 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

121.9620, -11.8133, 102.6423

### Protanopia

132.7400, -2.3368, 2.8590

### Deuteranopia

132.2360, -21.3153, 23.4720



## Tritanopia

121.9760, -23.1592, 101.7530

# Trichromacy



## Original Color

121.9620, -11.8133, 102.6423

## Protanomaly

128.4610, -5.6503, 39.0607

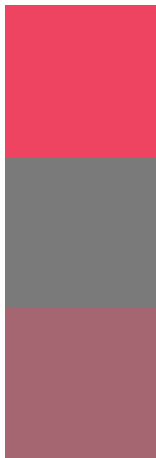
## Deuteranomaly

128.3350, -17.9132, 52.3262

## Tritanomaly

121.7140, -19.0860, 101.9828

# Monochromacy



## Original Color

121.9620, -11.8133, 102.6423

## Achromatopsia

122.0000, 0.0000, 0.0000

## Achromatomaly

122.0910, -4.4819, 37.6312

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.9620, -11.8133, 102.6423 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(239, 67, 98)` looks like.

```
.text, #text, p{  
    color:rgb(239, 67, 98)  
}
```

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(239, 67, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 67, 98) }
```

## Border

The CSS property to change the border of an element to YUV 121.9620, -11.8133, 102.6423 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(239, 67, 98) }
```



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

```
.border{ border-color:rgb(239, 67, 98) }
```

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

Here you see how a box with a 4 pixel rgb(239, 67, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 67, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 67, 98);  
box-shadow:4px 4px 4px 4px rgb(239, 67,  
98) }
```

# Background

The CSS property to change the background color of an element to YUV 121.9620, -11.8133, 102.6423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 67, 98) }
```

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

```
.background{ background-color: rgb(239, 67,  
98) }
```

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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