

Converting Colors

YUV(122.8740, -8.3189,
101.8425)

Have a look what the booklet for
YUV(122.8740, -8.3189, 101.8425)
contains.

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Color

**YUV(122.8740, -8.3189,
101.8425)**

Conversions

Conversions Part 1

Format	Color
Hex	EF436A
RGB	239, 67, 106
RGB Percent	94%, 26%, 42%
CMY	0.0627, 0.7373, 0.5843
CMYK	0.00, 0.72, 0.56, 0.06
HSL	346°, 84%, 60%
HSV	346°, 72%, 94%
XYZ	40.2053, 23.4056, 16.0344
YIQ	122.8740, 89.9930, 48.5930

Conversions

Conversions Part 2

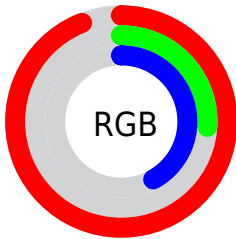
Format	Color
R_{YB}	239, 67, 106
Decimal	15680362
CIE _{Lab}	55.49, 67.20, 17.64
CIE _{LCh}	55, 69.474, 14.708
Yxy	23.4056, 0.5048, 0.2939
Android (android.graphics.Color)	4293870442 (0xFFEF436A)
YUV	122.8740, -8.3189, 101.8425
Hunter-Lab	48.3794, 63.6770, 14.2151

Details

The YUV color **122.8740, -8.3189, 101.8425** 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 **183.1260, 8.3189, -101.8425**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6920, -5.7642, 75.6921**, and **59.3500, -0.1725, 102.3021** is the 20% darker color. If you saturate the color by 10%, you get **106.7340, -9.2359, 115.9973**, and if you desaturate by 10%, it is **139.0140, -7.4019, 87.6877**.

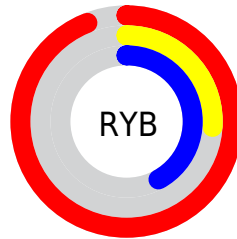
Distribution



Red (94%)

Green (26%)

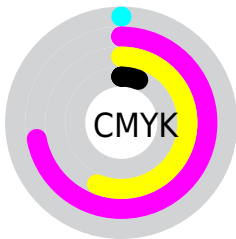
Blue (42%)



Red (94%)

Yellow (26%)

Blue (42%)

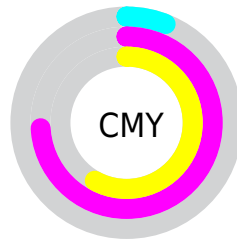


Cyan (0%)

Magenta (72%)

Yellow (56%)

Black (6%)



Cyan (6%)

Magenta (74%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YUV color 122.8740, -8.3189, 101.8425 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 122.8740, -8.3189, 101.8425 by changing the saturation by 10% instead.


 122.8740, -8.3189,
101.8425


 122.8740, -8.3189,
101.8425


255.0000, 0.0000,
0.0000


 89.1500, -3.5249,
104.2315


 168.6920, -5.7642,
75.6921


 59.3500, -0.1725,
102.3021


 188.7930, -2.3629,
58.0635

 47.9860, -4.9231,
85.9583


 208.8940, 1.0383,
40.4350

 36.4370, -9.0894,
68.8998

 229.2230, 5.3131,
22.6064

 25.6430, -11.6560,
52.0561

 248.5430, 3.1833,
5.6628

 16.9720, -7.3812,
34.2276

 3.5880, -1.7689,

7.3773

■ 0.0000, 0.0000,
0.0000

■ 122.8740, -8.3189,
101.8425

■ 122.8740, -8.3189,
101.8425

■ 106.7340, -9.2359,
115.9973

■ 139.0140, -7.4019,
87.6877

■ 90.4800, -10.5896,
130.2520

■ 155.2680, -6.0481,
73.4330

■ 77.6170, -11.6432,
141.5329

■ 171.4080, -5.1311,
59.2782

■ 187.6620, -3.7774,
45.0234

■ 203.2150, -2.5710,
31.3834

■ 219.4690, -1.2172,
17.1287

■ 235.6090, -0.3002,
2.9739

■ 250.1020, 1.9217,
-9.7365

■ 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.



128.7510, 18.3638, 83.5334



122.8740, -8.3189, 101.8425



125.6800, -37.8032, 85.3496

Triad

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



122.8740, -8.3189, 101.8425



110.6700, -36.8123, -46.1916



115.9630, 66.0802, -101.6996

Complementary

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



122.8740, -8.3189, 101.8425



183.1260, 8.3189, -101.8425

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.



117.4840, 49.0614, -103.0335



122.8740, -8.3189, 101.8425



104.0320, -2.4808, -91.2361

Square

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



122.8740, -8.3189, 101.8425



121.0610, -59.6831, 9.5935



112.3880, 24.4587, -98.5643



117.4820, 65.8244, -66.1977

Rectangle

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



122.8740, -8.3189, 101.8425



124.4840, -60.8776, 66.2275



112.3880, 24.4587, -98.5643



117.3990, 61.4283, -102.9589

Sweetspot

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



122.8740, -8.3189, 101.8425



217.2260, -2.5764, 33.1278



126.0760, 55.6715, 63.9543



105.0780, -1.5175, 20.1026



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.



122.8740, -8.3189, 101.8425



107.0670, -10.8790, 129.7372



145.4300, -38.6660, 82.0609



111.9300, -0.4585, 7.0774



59.8040, -8.7774, 108.9199



18.2260, -2.5764, 33.1278

Inverse Universe

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



122.8740, -8.3189, 101.8425



107.0670, -10.8790, 129.7372



160.5700, 38.6660, -82.0609



111.9300, -0.4585, 7.0774



59.8040, -8.7774, 108.9199



18.2260, -2.5764, 33.1278

Previews

White Background



This preview shows how the YUV color 122.8740, -8.3189, 101.8425 looks on a white background.

Color Contrast Check

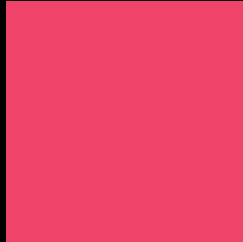
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.8740, -8.3189, 101.8425 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 122.8740, -8.3189, 101.8425

Background



This preview shows how black text looks on a background with the YUV color 122.8740, -8.3189, 101.8425.



This preview shows how white text looks on a background with the YUV color 122.8740, -8.3189,

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

122.8740, -8.3189, 101.8425

Protanopia

133.8690, 2.0366, 0.1149

Deuteranopia

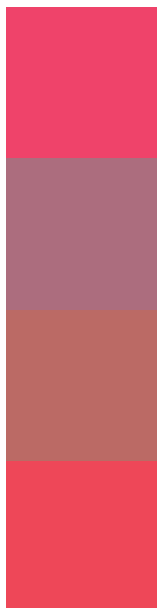
133.5500, -17.5261, 21.4427



Tritanopia

122.7910, -22.5750, 101.0383

Trichromacy



Original Color

122.8740, -8.3189, 101.8425

Protanomaly

129.7750, -1.8611, 37.0313

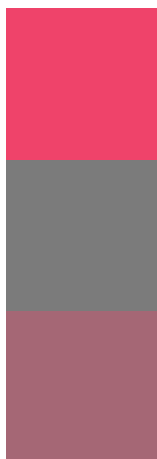
Deuteranomaly

129.6490, -14.1240, 50.2968

Tritanomaly

122.8710, -17.1914, 100.9681

Monochromacy



Original Color

122.8740, -8.3189, 101.8425

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.1340, -3.0241, 36.7165

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.8740, -8.3189, 101.8425 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, 106)` looks like.

```
.text, #text, p{  
    color:rgb(239, 67, 106)  
}
```

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, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 67, 106) }
```

Border

The CSS property to change the border of an element to YUV 122.8740, -8.3189, 101.8425 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, 106) }
```


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

```
.border{ border-color:rgb(239, 67, 106) }
```

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, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 67, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 67, 106);  
box-shadow:4px 4px 4px 4px rgb(239, 67,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 122.8740, -8.3189, 101.8425 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, 106) }
```

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

```
.background{ background-color: rgb(239, 67,  
106) }
```

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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