

Converting Colors

YUV(122.9400, -11.8024,
99.1536)

Have a look what the booklet for
YUV(122.9400, -11.8024, 99.1536)
contains.

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Color

**YUV(122.9400, -11.8024,
99.1536)**

Conversions

Conversions Part 1

Format	Color
Hex	EC4663
RGB	236, 70, 99
RGB Percent	93%, 27%, 39%
CMY	0.0745, 0.7255, 0.6118
CMYK	0.00, 0.70, 0.58, 0.07
HSL	350°, 81%, 60%
HSV	350°, 70%, 93%
XYZ	39.0344, 23.1140, 14.2085
YIQ	122.9400, 89.6270, 44.2110

Conversions

Conversions Part 2

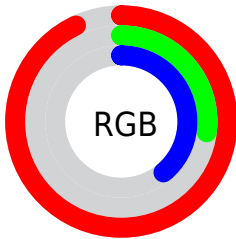
Format	Color
R_{YB}	236, 70, 99
Decimal	15484515
CIE Lab	55.19, 64.80, 21.30
CIE LCh	55, 68.213, 18.193
Yxy	23.1140, 0.5112, 0.3027
Android (android.graphics.Color)	4293674595 (0xFFEC4663)
YUV	122.9400, -11.8024, 99.1536
Hunter-Lab	48.0771, 60.7915, 16.1316

Details

The YUV color **122.9400, -11.8024, 99.1536** 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 **183.0600, 11.8024, -99.1536**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.0680, -9.4005, 75.3624**, and **58.0680, -2.4985, 101.6724** is the 20% darker color. If you saturate the color by 10%, you get **106.6860, -13.1562, 113.4084**, and if you desaturate by 10%, it is **139.1940, -10.4486, 84.8989**.

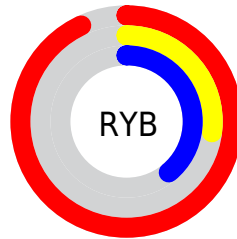
Distribution



Red (93%)

Green (27%)

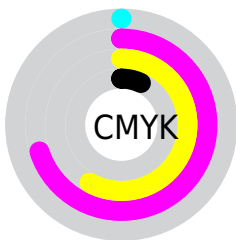
Blue (39%)



Red (93%)

Yellow (27%)

Blue (39%)

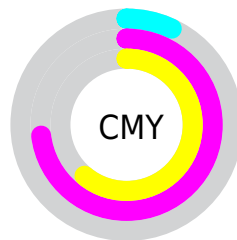


Cyan (0%)

Magenta (70%)

Yellow (58%)

Black (7%)



Cyan (7%)


Magenta (73%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YUV color 122.9400, -11.8024, 99.1536 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 122.9400, -11.8024, 99.1536 by changing the saturation by 10% instead.


 122.9400,
-11.8024, 99.1536


 122.9400,
-11.8024, 99.1536


255.0000, 0.0000,
0.0000


 90.9770, -7.8767,
99.9982


 169.0680, -9.4005,
75.3624

 58.0680, -2.4985,
101.6724


 188.4680, -6.1467,
58.3486


 46.4050, -7.1017,
84.7138


 208.5690, -2.7455,
40.7200

 34.6280, -12.1416,
67.8552

 229.4850, 1.2399,
22.3767

 24.6320, -11.6506,
50.3117

 249.7170, 2.6045,
4.6332

 16.0750, -6.9390,
32.3832

 0.8970, -0.4422,

1.8443

■ 0.0000, 0.0000,
0.0000

■ 122.9400,
-11.8024, 99.1536

■ 122.9400,
-11.8024, 99.1536

■ 106.6860,
-13.1562, 113.4084

■ 139.1940,
-10.4486, 84.8989

■ 90.9050, -15.2362,
127.2483


■ 154.9750, -8.3687,
71.0589

■ 75.2380, -16.8793,
140.9883

■ 171.2290, -7.0149,
56.8042

■ 187.0100, -4.9349,
42.9642

■ 203.2640, -3.5812,
28.7095

 219.6320, -1.7906,
14.3547

 235.2990, -0.1474,
0.6148

 249.3190, 2.8007,
-11.6808

Harmonies

Analogous

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



126.9640, 15.3007, 85.9776



122.9400, -11.8024, 99.1536



125.6640, -40.2604, 80.1017

Triad

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



122.9400, -11.8024, 99.1536



108.1080, -31.1122, -54.4687



113.9740, 66.0748, -99.9552

Complementary

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



122.9400, -11.8024, 99.1536



183.0600, 11.8024, -99.1536

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.



116.6520, 50.9506, -102.3038



122.9400, -11.8024, 99.1536



104.2430, 0.8662, -91.4211

Square

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



122.9400, -11.8024, 99.1536



119.5550, -58.9406, 4.7753



112.3710, 26.9321, -98.5494



124.6050, 59.3547, -44.3806

Rectangle

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



122.9400, -11.8024, 99.1536



124.0380, -61.1507, 60.4797



112.3710, 26.9321, -98.5494



115.6380, 62.2965, -101.4145

Sweetspot

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



122.9400, -11.8024, 99.1536



218.2860, -3.5920, 32.1982



129.5880, 52.4611, 67.0133



106.1380, -2.5330, 19.1730



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.



122.9400, -11.8024, 99.1536



109.2040, -15.3836, 127.8631



150.7450, -39.8073, 74.7686



109.5170, -0.7479, 6.5626



57.7670, -12.7031, 108.0753



17.1720, -4.0288, 32.2982

Inverse Universe

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



122.9400, -11.8024, 99.1536



109.2040, -15.3836, 127.8631



155.2550, 39.8073, -74.7686



109.5170, -0.7479, 6.5626



57.7670, -12.7031, 108.0753



17.1720, -4.0288, 32.2982

Previews

White Background



This preview shows how the YUV color 122.9400, -11.8024, 99.1536 looks on a white background.

Color Contrast Check

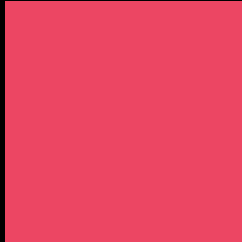
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.9400, -11.8024, 99.1536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

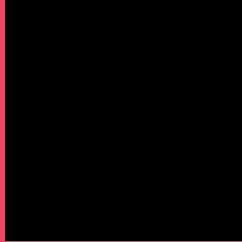
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.9400, -11.8024, 99.1536

Background



This preview shows how black text looks on a background with the YUV color 122.9400, -11.8024, 99.1536.



This preview shows how white text looks on a background with the YUV color 122.9400, -11.8024, 99.1536.

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

122.9400, -11.8024, 99.1536

Protanopia

132.7400, -2.3368, 2.8590

Deuteranopia

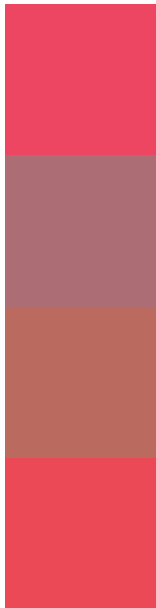
132.1650, -20.2943, 22.6573



Tritanopia

122.5950, -21.9853, 98.5792

Trichromacy



Original Color

122.9400, -11.8024, 99.1536

Protanomaly

128.7490, -5.7923, 37.9311

Deuteranomaly

128.5520, -17.0341, 50.3819

Tritanomaly

122.9200, -18.2016, 98.2942

Monochromacy



Original Color

122.9400, -11.8024, 99.1536

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.0800, -4.4764, 35.8868

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.9400, -11.8024, 99.1536 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(236, 70, 99)` looks like.

```
.text, #text, p{  
    color:rgb(236, 70, 99)  
}
```

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(236, 70, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 70, 99) }
```

Border

The CSS property to change the border of an element to YUV 122.9400, -11.8024, 99.1536 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(236, 70, 99) }
```


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

```
.border{ border-color:rgb(236, 70, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 70, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 70, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 70, 99);  
box-shadow:4px 4px 4px 4px rgb(236, 70,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 122.9400, -11.8024, 99.1536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 70, 99) }
```

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

```
.background{ background-color: rgb(236, 70,  
99) }
```

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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