

Converting Colors

YUV(139.7630, -3.3342,
89.6618)

Have a look what the booklet for
YUV(139.7630, -3.3342, 89.6618)
contains.

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Color

**YUV(139.7630, -3.3342,
89.6618)**

Conversions

Conversions Part 1

Format	Color
Hex	F25985
RGB	242, 89, 133
RGB Percent	95%, 35%, 52%
CMY	0.0510, 0.6510, 0.4784
CMYK	0.00, 0.63, 0.45, 0.05
HSL	343°, 85%, 65%
HSV	343°, 63%, 95%
XYZ	44.4240, 27.7155, 25.1985
YIQ	139.7630, 77.0640, 46.1200

Conversions

Conversions Part 2

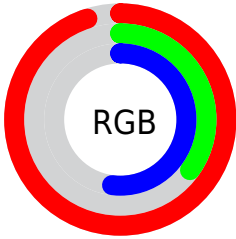
Format	Color
R _Y B	242, 89, 133
Decimal	15882629
CIE Lab	59.63, 62.03, 7.61
CIE LCh	60, 62.498, 6.991
Yxy	27.7155, 0.4564, 0.2847
Android (android.graphics.Color)	4294072709 (0xFFFF25985)
YUV	139.7630, -3.3342, 89.6618
Hunter-Lab	52.6455, 58.4945, 8.4729

Details

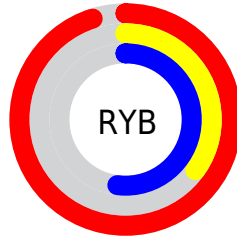
The YUV color **139.7630, -3.3342, 89.6618** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **191.2370, 3.3342, -89.6618**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.1510, 1.4046, 63.0116**, and **76.6090, 3.6438, 91.5509** is the 20% darker color. If you saturate the color by 10%, you get **123.7370, -3.8143, 103.7167**, and if you desaturate by 10%, it is **155.7890, -2.8540, 75.6070**.

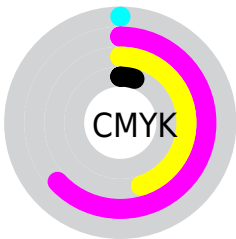
Distribution



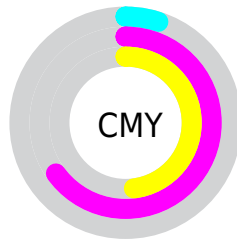
- Red (95%)
- Green (35%)
- Blue (52%)



- Red (95%)
- Yellow (35%)
- Blue (52%)



- Cyan (0%)
- Magenta (63%)
- Yellow (45%)
- Black (5%)




- Cyan (5%)
- Magenta (65%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.7630, -3.3342, 89.6618 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 139.7630, -3.3342, 89.6618 by changing the saturation by 10% instead.


 139.7630, -3.3342,
89.6618

 139.7630, -3.3342,
89.6618


255.0000, 0.0000,
0.0000


 110.0340, -1.0028,
88.5472


 183.1510, 1.4046,
63.0116

 76.6090, 3.6438,
91.5509


 203.3660, 5.2426,
45.2830


 52.1030, 4.3862,
86.7327

 223.5810, 9.0806,
27.5545

 40.7390, -0.3643,
70.3889

 242.0860, 6.3666,
11.3256

 29.6740, -5.2623,
54.6599

 19.7770, -8.2711,
39.6606

 9.3830, -4.1328,

18.9581

■ 0.0000, 0.0000,
0.0000

■ 139.7630, -3.3342,
89.6618

■ 139.7630, -3.3342,
89.6618

■ 123.7370, -3.8143,
103.7167

■ 155.7890, -2.8540,
75.6070

■ 107.7110, -4.2945,
117.7715

■ 171.8150, -2.3738,
61.5522

■ 90.9840, -4.9221,
132.4410

■ 188.5420, -1.7462,
46.8827

■ 80.3380, -5.0966,
141.7776

■ 204.5680, -1.2660,
32.8279

■ 220.5940, -0.7858,
18.7731

236.6200, -0.3057,
4.7183

250.9990, 1.4795,
-7.8921

251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



145.3250, 21.0388, 65.4900



139.7630, -3.3342, 89.6618



139.2590, -29.2147, 83.9649

Triad

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



139.7630, -3.3342, 89.6618



128.8900, -40.3718, -24.4595



122.4370, 60.4236, -107.3772

Complementary

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



139.7630, -3.3342, 89.6618



191.2370, 3.3342, -89.6618

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.



122.4420, 42.6731, -107.3816



139.7630, -3.3342, 89.6618



109.2010, -5.5221, -95.7693

Square

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



139.7630, -3.3342, 89.6618



133.7960, -61.0314, 22.1039



116.8730, 18.7966, -102.4976



119.3280, 65.9003, -90.6187

Rectangle

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



139.7630, -3.3342, 89.6618



139.2620, -44.0062, 68.1762



116.8730, 18.7966, -102.4976



123.0580, 55.1874, -107.9219

Sweetspot

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



139.7630, -3.3342, 89.6618



222.8340, -1.3972, 28.2096



138.4350, 51.0575, 50.4845



107.9960, -0.4910, 17.5435



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.



139.7630, -3.3342, 89.6618



125.3900, -4.1363, 113.6680



152.9440, -31.5244, 78.1021



111.9300, -0.4585, 7.0774



61.0580, -3.9726, 107.8201



18.5680, -1.2660, 32.8279

Inverse Universe

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



139.7630, -3.3342, 89.6618



125.3900, -4.1363, 113.6680



178.0560, 31.5244, -78.1021



111.9300, -0.4585, 7.0774



61.0580, -3.9726, 107.8201



18.5680, -1.2660, 32.8279

Previews

White Background



This preview shows how the YUV color 139.7630, -3.3342, 89.6618 looks on a white background.

Color Contrast Check

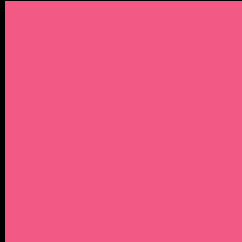
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.7630, -3.3342, 89.6618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

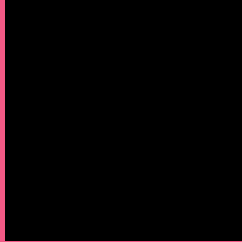
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 139.7630, -3.3342, 89.6618

Background



This preview shows how black text looks on a background with the YUV color 139.7630, -3.3342, 89.6618.



This preview shows how white text looks on a background with the YUV color 139.7630, -3.3342,

89.6618.

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

139.7630, -3.3342, 89.6618

Protanopia

144.7960, 9.4676, -3.3291

Deuteranopia

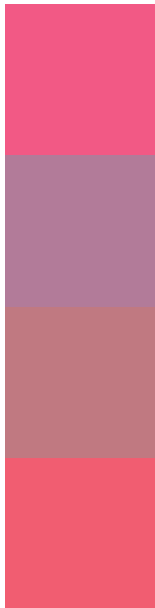
144.9930, -9.3635, 16.6691



Tritanopia

139.0390, -18.7532, 88.5428

Trichromacy



Original Color

139.7630, -3.3342, 89.6618

Protanomaly

142.8650, 4.9966, 30.8134

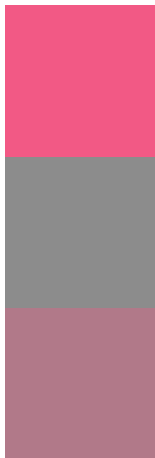
Deuteranomaly

143.1410, -6.9715, 42.8493

Tritanomaly

139.5320, -13.0803, 88.9874

Monochromacy



Original Color

139.7630, -3.3342, 89.6618

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.5680, -1.2660, 32.8279

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.7630, -3.3342, 89.6618 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(242, 89, 133)` looks like.

```
.text, #text, p{  
    color:rgb(242, 89, 133)  
}
```

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(242, 89, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 89, 133) }
```

Border

The CSS property to change the border of an element to YUV 139.7630, -3.3342, 89.6618 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(242, 89, 133) }
```


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

```
.border{ border-color:rgb(242, 89, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 89, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 89, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 89, 133);  
box-shadow:4px 4px 4px 4px rgb(242, 89,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 139.7630, -3.3342, 89.6618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 89, 133) }
```

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

```
.background{ background-color: rgb(242, 89,  
133) }
```

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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