

# Converting Colors

YUV(139.1400, -11.9010,  
84.0692)

Have a look what the booklet for  
 $\text{YUV}(139.1400, -11.9010, 84.0692)$   
contains.

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# Color

**YUV(139.1400, -11.9010,  
84.0692)**

# Conversions

Conversions Part 1	
Format	Color
Hex	EB5F73
RGB	235, 95, 115
RGB Percent	92%, 37%, 45%
CMY	0.0784, 0.6275, 0.5490
CMYK	0.00, 0.60, 0.51, 0.08
HSL	351°, 78%, 65%
HSV	351°, 60%, 92%
XYZ	41.4477, 27.0844, 19.2629
YIQ	139.1400, 77.0200, 35.9000

# Conversions

## Conversions Part 2

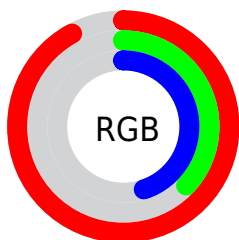
Format	Color
<a href="#">RYB</a>	<a href="#">235, 95, 115</a>
Decimal	<a href="#">15425395</a>
CIELab	<a href="#">59.05, 55.66, 17.13</a>
CIELCh	<a href="#">59, 58.235, 17.102</a>
Yxy	<a href="#">27.0844, 0.4721, 0.3085</a>
Android (android.graphics.Color)	<a href="#">4293615475</a> (0xFFEB5F73)
YUV	<a href="#">139.1400, -11.9010, 84.0692</a>
Hunter-Lab	<a href="#">52.0427, 51.0858, 14.4844</a>

# Details

The YUV color **139.1400, -11.9010, 84.0692** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **190.8600, 11.9010, -84.0692**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.9200, -8.3416, 62.3372**, and **80.7960, -6.8014, 81.7399** is the 20% darker color. If you saturate the color by 10%, you get **122.7720, -13.6916, 98.4240**, and if you desaturate by 10%, it is **154.9210, -9.8211, 70.2293**.

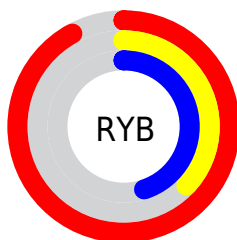
# Distribution



Red (92%)

Green (37%)

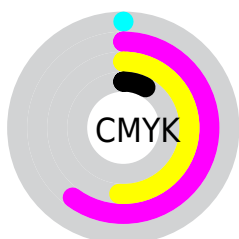
Blue (45%)



Red (92%)

Yellow (37%)

Blue (45%)

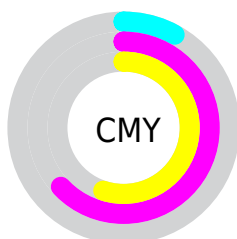


Cyan (0%)

Magenta (60%)

Yellow (51%)

Black (8%)



Cyan (8%)

Magenta (63%)

Yellow (55%)


# Brightness & Saturation


## Gradients

These gradients show how the YUV color 139.1400, -11.9010, 84.0692 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 139.1400, -11.9010, 84.0692 by changing the saturation by 10% instead.





 139.1400,  
-11.9010, 84.0692

 139.1400,  
-11.9010, 84.0692


255.0000, 0.0000,  
0.0000

 110.6990, -9.7116,  
81.8250


 183.9200, -8.3416,  
62.3372

 80.7960, -6.8014,  
81.7399


 203.4340, -4.6510,  
45.2234


 48.1860, -1.5707,  
84.0289

 223.6490, -0.8130,  
27.4948

 36.9360, -5.8844,  
67.5851


 243.8640, 3.0250,  
9.7663


 25.7140, -12.6770,  
52.8708


 17.8690, -7.8234,  
36.0719


 5.6810, -2.8007,


11.6808


 0.0000, 0.0000,  
0.0000


 139.1400,  
-11.9010, 84.0692


 139.1400,  
-11.9010, 84.0692

 122.7720,  
-13.6916, 98.4240


 154.9210, -9.8211,  
70.2293


 106.9910,  
-15.7716, 112.2639


 171.2890, -8.0305,  
55.8745


 90.6230, -17.5621,  
126.6186


 187.6570, -6.2399,  
41.5198


 74.7280, -20.0789,  
140.5585

 203.5520, -3.7231,  
27.5799

 74.1410, -19.7895,  
141.0733

 219.3330, -1.6432,  
13.7400

 235.7010, 0.1474,  
-0.6148

 249.0200, 2.9481,  
-12.2955

# Harmonies

## Analogous

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



142.8390, 11.4184, 71.1782



139.1400, -11.9010, 84.0692



139.1020, -34.5603, 71.8245

# Triad

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



139.1400, -11.9010, 84.0692



125.0050, -28.1035, -39.4694



117.9860, 61.1389, -103.4737

# Complementary

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



139.1400, -11.9010, 84.0692



190.8600, 11.9010, -84.0692

# 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.



120.3050, 47.1776, -105.5075



139.1400, -11.9010, 84.0692



110.3070, 3.7926, -96.7392

# Square

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



139.1400, -11.9010, 84.0692



133.2700, -49.9261, 6.7792



117.5230, 26.3642, -103.0677



138.2660, 50.1549, -33.5593



# Rectangle

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



139.1400, -11.9010, 84.0692



138.1910, -46.4362, 54.2065



117.5230, 26.3642, -103.0677



119.6500, 57.3606, -104.9330

# Sweetspot

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



139.1400, -11.9010, 84.0692



223.5520, -3.7231, 27.5799



146.5410, 43.6103, 59.1615



108.1270, -2.5276, 17.4286



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.



139.1400, -11.9010, 84.0692



131.0830, -15.3239, 108.6752



165.6230, -34.8171, 60.8436



109.4030, -1.1847, 6.6626



57.0830, -15.3239, 108.6752



17.0580, -4.4656, 32.3981



# Inverse Universe

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



139.1400, -11.9010, 84.0692



131.0830, -15.3239, 108.6752



164.3770, 34.8171, -60.8436



109.4030, -1.1847, 6.6626



57.0830, -15.3239, 108.6752



17.0580, -4.4656, 32.3981



# Previews

## White Background



This preview shows how the YUV color 139.1400, -11.9010, 84.0692 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

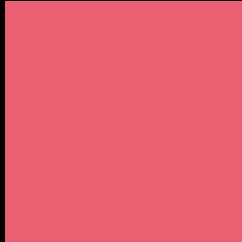
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 139.1400, -11.9010, 84.0692 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 139.1400, -11.9010, 84.0692

## Background



This preview shows how black text looks on a background with the YUV color 139.1400, -11.9010, 84.0692.



This preview shows how white text looks on a background with the YUV color 139.1400, -11.9010,



# 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

139.1400, -11.9010, 84.0692

### Protanopia

142.8540, -1.9000, 2.7590

### Deuteranopia

142.9630, -17.2368, 21.9574






## Tritanopia

138.6470, -17.5740, 83.6246

# Trichromacy

	<b>Original Color</b> 139.1400, -11.9010, 84.0692
	<b>Protanomaly</b> 141.4170, -5.6286, 32.0833
	<b>Deuteranomaly</b> 141.6760, -15.1233, 44.1341
	<b>Tritanomaly</b> 138.5160, -15.5374, 83.7395

# Monochromacy

	<b>Original Color</b> 139.1400, -11.9010, 84.0692
	<b>Achromatopsia</b> 139.0000, 0.0000, 0.0000
	<b>Achromatomaly</b> 139.0470, -4.4602, 30.6538

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 139.1400, -11.9010, 84.0692 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(235, 95, 115)` looks like.

```
.text, #text, p{  
    color:rgb(235, 95, 115)  
}
```

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(235, 95, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 95, 115) }
```

## Border

The CSS property to change the border of an element to YUV 139.1400, -11.9010, 84.0692 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(235, 95, 115) }
```



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

```
.border{ border-color:rgb(235, 95, 115) }
```

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

Here you see how a box with a 4 pixel rgb(235, 95, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 95, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 95, 115);  
box-shadow:4px 4px 4px 4px rgb(235, 95,  
115) }
```

# Background

The CSS property to change the background color of an element to YUV 139.1400, -11.9010, 84.0692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 95, 115) }
```

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

```
.background{ background-color: rgb(235, 95,  
115) }
```

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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