

# Converting Colors

YUV(89.0100, -0.9909,  
131.5412)

Have a look what the booklet for  
YUV(89.0100, -0.9909, 131.5412)  
contains.

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# Color

**YUV(89.0100, -0.9909,  
131.5412)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EF0D57
RGB	239, 13, 87
RGB Percent	94%, 5%, 34%
CMY	0.0627, 0.9490, 0.6588
CMYK	0.00, 0.95, 0.64, 0.06
HSL	340°, 90%, 49%
HSV	340°, 95%, 94%
XYZ	37.4608, 19.3267, 10.7728
YIQ	89.0100, 110.9420, 70.9260

# Conversions

## Conversions Part 2

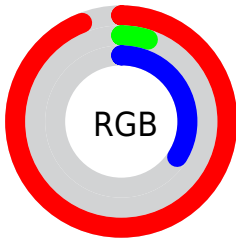
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	239, 13, 87
Decimal	15666519
CIE <sub>Lab</sub>	51.07, 77.51, 23.13
CIE <sub>LCh</sub>	51, 80.887, 16.616
Yxy	19.3267, 0.5545, 0.2861
Android (android.graphics.Color)	4293856599 (0xFFEF0D57)
YUV	89.0100, -0.9909, 131.5412
Hunter-Lab	43.9621, 75.1689, 16.2446

# Details

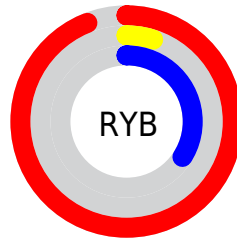
The YUV color **89.0100, -0.9909, 131.5412** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **162.9900, 0.9909, -131.5412**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.6880, -6.2552, 93.2356**, and **57.2270, -7.0139, 103.2869** is the 20% darker color. If you saturate the color by 10%, you get **80.3530, -1.1600, 139.1334**, and if you desaturate by 10%, it is **104.9220, -0.9475, 117.5864**.

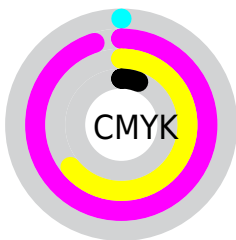
# Distribution



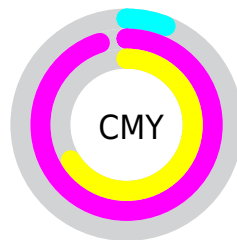
- Red (94%)
- Green (5%)
- Blue (34%)



- Red (94%)
- Yellow (5%)
- Blue (34%)



- Cyan (0%)
- Magenta (95%)
- Yellow (64%)
- Black (6%)




- Cyan (6%)
- Magenta (95%)
- Yellow (66%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 89.0100, -0.9909, 131.5412 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 89.0100, -0.9909, 131.5412 by changing the saturation by 10% instead.





 89.0100, -0.9909,  
131.5412

 89.0100, -0.9909,  
131.5412


255.0000, 0.0000,  
0.0000


 69.1890, -2.5582,  
120.8602


 148.6880, -6.2552,  
93.2356


 57.2270, -7.0139,  
103.2869


 169.8490, -3.8696,  
74.6774

 45.3790, -11.0328,  
85.6136


 191.1240, -1.0471,  
56.0193

 33.7160, -15.6360,  
68.6551

 211.9260, 2.5015,  
37.7759

 24.6750, -10.1928,  
49.3970

 232.8420, 6.4869,  
19.4326

 14.8790, -6.3493,  
29.9241

 251.4780, 1.7363,

 0.0000, 0.0000,

3.0888

0.0000

■ 89.0100, -0.9909,  
131.5412

■ 89.0100, -0.9909,  
131.5412

■ 80.3530, -1.1600,  
139.1334

■ 104.9220, -0.9475,  
117.5864


■ 120.8340, -0.9042,  
103.6316


■ 136.7460, -0.8608,  
89.6768


■ 152.6580, -0.8174,  
75.7219

■ 168.5700, -0.7740,  
61.7671

■ 183.8950, -0.4412,  
48.3271

 199.9210, 0.0389,  
34.2723

 215.8330, 0.0823,  
20.3175

 231.7450, 0.1257,  
6.3626

# Harmonies

## Analogous

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



100.0330, 27.5917, 110.4731



89.0100, -0.9909, 131.5412



107.8680, -46.2769, 96.5858

# Triad

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



89.0100, -0.9909, 131.5412



83.9410, -41.3829, -73.6163



110.6630, 71.1581, -97.0515

# Complementary

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



89.0100, -0.9909, 131.5412



162.9900, 0.9909, -131.5412

# 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.



112.7710, 53.8499, -98.9002



89.0100, -0.9909, 131.5412



97.3810, -5.1178, -85.4031

# Square

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



89.0100, -0.9909, 131.5412



109.7980, -54.1304, 1.9312



106.7630, 25.7528, -93.6312



97.7490, 77.5247, -85.7259



# Rectangle

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



89.0100, -0.9909, 131.5412



113.7490, -56.0783, 66.8721



106.7630, 25.7528, -93.6312



112.4410, 67.8166, -98.6108

# Sweetspot

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



89.0100, -0.9909, 131.5412



207.8510, -0.4195, 41.3497



83.9130, 76.4579, 70.2363



98.7520, -0.3707, 25.6505



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.



89.0100, -0.9909, 131.5412



85.7070, -1.3346, 148.4700



102.8800, -44.3108, 119.3772



112.0440, -0.0217, 6.9774



61.8560, -0.9150, 107.1203



18.7960, -0.3924, 32.6279



# Inverse Universe

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



89.0100, -0.9909, 131.5412



85.7070, -1.3346, 148.4700



149.1200, 44.3108, -119.3772



112.0440, -0.0217, 6.9774



61.8560, -0.9150, 107.1203



18.7960, -0.3924, 32.6279



# Previews

## White Background



This preview shows how the YUV color 89.0100, -0.9909, 131.5412 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 89.0100, -0.9909, 131.5412 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 89.0100, -0.9909, 131.5412

## Background



This preview shows how black text looks on a background with the YUV color 89.0100, -0.9909, 131.5412.



This preview shows how white text looks on a background with the YUV color 89.0100, -0.9909,



# 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

89.0100, -0.9909, 131.5412

### Protanopia

123.1680, 1.8892, 0.7297

### Deuteranopia

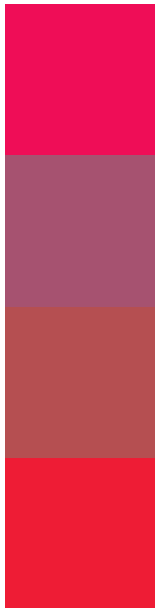
121.7090, -22.0415, 23.0572



## Tritanopia

95.8710, -30.5024, 123.7701

# Trichromacy



## Original Color

89.0100, -0.9909, 131.5412

## Protanomaly

110.5360, 0.7218, 48.6419

## Deuteranomaly

109.7260, -14.1619, 62.5073

## Tritanomaly

93.6400, -20.0355, 126.6037

# Monochromacy



## Original Color

89.0100, -0.9909, 131.5412

## Achromatopsia

89.0000, 0.0000, 0.0000

## Achromatomaly

88.8950, -0.4412, 48.3271

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 89.0100, -0.9909, 131.5412 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, 13, 87)` looks like.

```
.text, #text, p{  
    color:rgb(239, 13, 87)  
}
```

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, 13, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 13, 87) }
```

## Border

The CSS property to change the border of an element to YUV 89.0100, -0.9909, 131.5412 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, 13, 87) }
```



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

```
.border{ border-color:rgb(239, 13, 87) }
```

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

Here you see how a box with a 4 pixel rgb(239, 13, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 13, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 13, 87);  
box-shadow:4px 4px 4px 4px rgb(239, 13,  
87) }
```

# Background

The CSS property to change the background color of an element to YUV 89.0100, -0.9909, 131.5412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 13, 87) }
```

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

```
.background{ background-color: rgb(239, 13,  
87) }
```

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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