

Converting Colors

YUV(86.8360, -3.8631,
119.4158)

Have a look what the booklet for
YUV(86.8360, -3.8631, 119.4158)
contains.

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Color

**YUV(86.8360, -3.8631,
119.4158)**

Conversions

Conversions Part 1

Format	Color
Hex	DF134F
RGB	223, 19, 79
RGB Percent	87%, 7%, 31%
CMY	0.1255, 0.9255, 0.6902
CMYK	0.00, 0.91, 0.65, 0.13
HSL	342°, 84%, 47%
HSV	342°, 91%, 87%
XYZ	32.0756, 16.7182, 8.9335
YIQ	86.8360, 102.3240, 61.9080

Conversions

Conversions Part 2

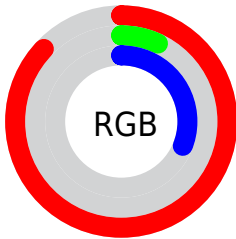
Format	Color
R_{YB}	223, 19, 79
Decimal	14619471
CIE Lab	47.90, 72.67, 23.27
CIE LCh	48, 76.300, 17.758
Yxy	16.7182, 0.5556, 0.2896
Android (android.graphics.Color)	4292809551 (0xFFDF134F)
YUV	86.8360, -3.8631, 119.4158
Hunter-Lab	40.8879, 68.4750, 15.6674

Details

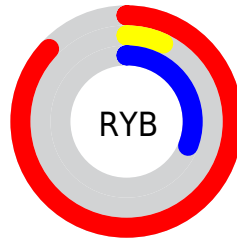
The YUV color **86.8360, -3.8631, 119.4158** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **155.1640, 3.8631, -119.4158**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.1890, -9.4602, 94.5502**, and **51.9440, -7.8604, 94.7651** is the 20% darker color. If you saturate the color by 10%, you get **74.2010, -4.0431, 130.4967**, and if you desaturate by 10%, it is **101.5740, -3.2410, 106.4906**.

Distribution



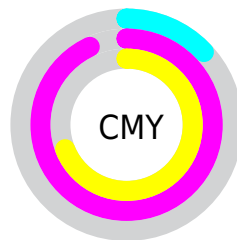
- Red (87%)
- Green (7%)
- Blue (31%)



- Red (87%)
- Yellow (7%)
- Blue (31%)



- Cyan (0%)
- Magenta (91%)
- Yellow (65%)
- Black (13%)





- Cyan (13%)
- Magenta (93%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YUV color 86.8360, -3.8631, 119.4158 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 86.8360, -3.8631, 119.4158 by changing the saturation by 10% instead.


 86.8360, -3.8631,
119.4158

 86.8360, -3.8631,
119.4158


255.0000, 0.0000,
0.0000


 63.4930, -3.6940,
111.8236


 147.1890, -9.4602,
94.5502


 51.9440, -7.8604,
94.7651


 167.7630, -6.7852,
76.5068

 39.9820, -12.3161,
77.1918


 188.3370, -4.1101,
58.4635

 29.2310, -13.4249,
59.4334

 208.5520, -0.2721,
40.7349

 20.6740, -8.7133,
41.5049

 229.3540, 3.2765,
22.4915

 10.2800, -4.5750,
20.8024

 249.1300, 2.8939,

 0.0000, 0.0000,

5.1480

0.0000

■ 86.8360, -3.8631,
119.4158

■ 86.8360, -3.8631,
119.4158

■ 74.2010, -4.0431,
130.4967

■ 101.5740, -3.2410,
106.4906

■ 116.7850, -3.3450,
93.1506

■ 131.5230, -2.7228,
80.2253

■ 146.2610, -2.1007,
67.3001

■ 161.5860, -1.7679,
53.8601

■ 176.2100, -1.5825,
41.0348

■ 190.9480, -0.9604,
28.1096

■ 205.6860, -0.3382,
15.1844

■ 221.0110, -0.0054,
1.7444

Harmonies

Analogous

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



94.0770, 24.1190, 104.2955



86.8360, -3.8631, 119.4158



101.4540, -45.0868, 88.1788

Triad

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



86.8360, -3.8631, 119.4158



78.6580, -38.7784, -68.9831



103.1970, 67.9369, -90.5038

Complementary

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



86.8360, -3.8631, 119.4158



155.1640, 3.8631, -119.4158

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.



105.4190, 51.0654, -92.4525



86.8360, -3.8631, 119.4158



91.1690, -3.5343, -79.9552

Square

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



86.8360, -3.8631, 119.4158



102.4110, -50.4886, 0.5166



99.9810, 25.1524, -87.6833



91.1150, 72.4143, -79.9079

Rectangle

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



86.8360, -3.8631, 119.4158



106.6280, -52.5676, 60.8392



99.9810, 25.1524, -87.6833



105.3340, 63.4323, -92.3779

Sweetspot

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



86.8360, -3.8631, 119.4158



208.9110, -1.4351, 40.4201



85.0130, 68.0276, 67.5176



100.6270, -0.8021, 24.0061



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.



86.8360, -3.8631, 119.4158



84.7950, -4.8289, 149.2698



104.0630, -41.9361, 104.3077



104.6310, -0.3111, 6.4626



58.5520, -3.2301, 103.0019



15.9480, -0.9604, 28.1096

Inverse Universe

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



86.8360, -3.8631, 119.4158



84.7950, -4.8289, 149.2698



137.9370, 41.9361, -104.3077



104.6310, -0.3111, 6.4626



58.5520, -3.2301, 103.0019



15.9480, -0.9604, 28.1096

Previews

White Background



This preview shows how the YUV color 86.8360, -3.8631, 119.4158 looks on a white 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

Black Background



This preview shows how the YUV color 86.8360, -3.8631, 119.4158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

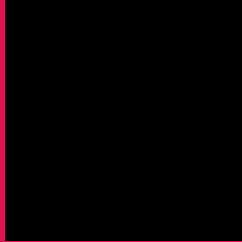
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.8360, -3.8631, 119.4158

Background



This preview shows how black text looks on a background with the YUV color 86.8360, -3.8631, 119.4158.



This preview shows how white text looks on a background with the YUV color 86.8360, -3.8631,

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

86.8360, -3.8631, 119.4158

Protanopia

115.0110, -0.0054, 1.7444

Deuteranopia

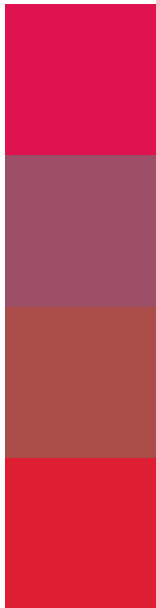
113.9970, -22.1835, 21.9276



Tritanopia

91.2720, -28.7281, 114.6485

Trichromacy



Original Color

86.8360, -3.8631, 119.4158

Protanomaly

104.6450, -1.3040, 45.0383

Deuteranomaly

104.3510, -15.4560, 57.5742

Tritanomaly

89.6880, -19.5662, 116.0376

Monochromacy



Original Color

86.8360, -3.8631, 119.4158

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.6340, -1.2986, 43.2940

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.8360, -3.8631, 119.4158 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(223, 19, 79)` looks like.

```
.text, #text, p{  
    color:rgb(223, 19, 79)  
}
```

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(223, 19, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 19, 79) }
```

Border

The CSS property to change the border of an element to YUV 86.8360, -3.8631, 119.4158 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(223, 19, 79) }
```


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

```
.border{ border-color:rgb(223, 19, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 19, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 19, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 19, 79);  
box-shadow:4px 4px 4px 4px rgb(223, 19,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 86.8360, -3.8631, 119.4158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 19, 79) }
```

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

```
.background{ background-color: rgb(223, 19,  
79) }
```

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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