

Converting Colors

YUV(86.1240, 19.6589,
134.9493)

Have a look what the booklet for
YUV(86.1240, 19.6589, 134.9493)
contains.

YUV(86.1240, 19.6589, 134.9493)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(86.1240, 19.6589,
134.9493)**

Conversions

Conversions Part 1

Format	Color
Hex	F0007E
RGB	240, 0, 126
RGB Percent	94%, 0%, 49%
CMY	0.0588, 1.0000, 0.5059
CMYK	0.00, 1.00, 0.47, 0.06
HSL	328°, 100%, 47%
HSV	328°, 100%, 94%
XYZ	39.7011, 20.0316, 21.5127
YIQ	86.1240, 102.5940, 90.0660

Conversions

Conversions Part 2

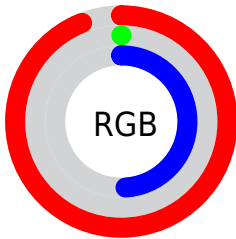
Format	Color
R_{YB}	240, 0, 126
Decimal	15728766
CIE _{Lab}	51.87, 81.20, 0.54
CIE _{LCh}	52, 81.205, 0.378
Yxy	20.0316, 0.4887, 0.2466
Android (android.graphics.Color)	4293918846 (0xFFFF007E)
YUV	86.1240, 19.6589, 134.9493
Hunter-Lab	44.7567, 80.0128, 2.8315

Details

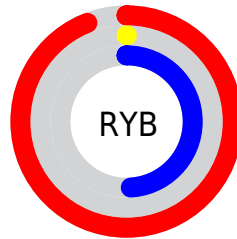
The YUV color **86.1240, 19.6589, 134.9493** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **153.8760, -19.6589, -134.9493**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.8890, 12.3797, 89.5513**, and **61.7010, 7.5424, 101.1172** is the 20% darker color. If you saturate the color by 10%, you get **86.1240, 19.6589, 134.9493**, and if you desaturate by 10%, it is **101.4660, 17.5183, 121.4943**.

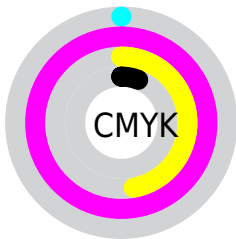
Distribution



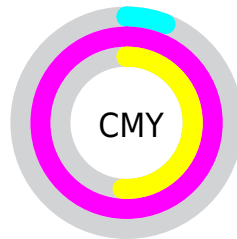
- Red (94%)
- Green (0%)
- Blue (49%)



- Red (94%)
- Yellow (0%)
- Blue (49%)



- Cyan (0%)
- Magenta (100%)
- Yellow (47%)
- Black (6%)





- Cyan (6%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YUV color 86.1240, 19.6589, 134.9493 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 86.1240, 19.6589, 134.9493 by changing the saturation by 10% instead.


 86.1240, 19.6589,
134.9493


 86.1240, 19.6589,
134.9493

255.0000, 0.0000,
0.0000


 73.7060, 13.4559,
117.7758


 152.8890, 12.3797,
89.5513


 61.7010, 7.5424,
101.1172


 174.8650, 15.3496,
70.2784


 49.9240, 2.5025,
84.2587


 195.6670, 18.8982,
52.0350

 38.2610, -2.1007,
67.3001

 216.2580, 19.0998,
33.9767

 26.9680, -7.8722,
51.7711

 233.8680, 10.4181,
18.5328

 16.6730, -7.2338,
33.6128

 252.0650, 1.4470,

 2.3920, -1.1793,

2.5740

4.9182

■ 0.0000, 0.0000,
0.0000

■ 86.1240, 19.6589,
134.9493

■ 101.4660, 17.5183,
121.4943

■ 116.9220, 15.8145,
107.9394

■ 132.2640, 13.6738,
94.4845

■ 147.7200, 11.9700,
80.9296

■ 163.0620, 9.8294,
67.4746

■ 178.4040, 7.6888,
54.0197

■ 193.8600, 5.9850,
40.4648

■ 209.2020, 3.8444,
27.0098

■ 224.6580, 2.1406,
13.4549

Harmonies

Analogous

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



118.6310, 37.1569, 75.7456



86.1240, 19.6589, 134.9493



104.1780, -22.7658, 115.6079

Triad

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



86.1240, 19.6589, 134.9493



104.9150, -51.7231, -23.6045



114.8060, 64.1856, -100.6849

Complementary

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



86.1240, 19.6589, 134.9493



153.8760, -19.6589, -134.9493

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.



111.8130, 40.0252, -98.0600



86.1240, 19.6589, 134.9493



92.3480, -21.8636, -80.9892

Square

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



86.1240, 19.6589, 134.9493



115.8770, -57.1274, 29.9259



103.2460, 9.7387, -90.5467



107.1410, 72.8945, -93.9627

Rectangle

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



86.1240, 19.6589, 134.9493



110.3700, -54.4124, 92.6375



103.2460, 9.7387, -90.5467



114.3840, 57.4917, -100.3148

Sweetspot

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



86.1240, 19.6589, 134.9493



206.2840, 6.2690, 42.7239



60.8480, 88.3219, 44.8603



98.4900, 3.7024, 25.8803



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.



86.1240, 19.6589, 134.9493



91.5210, 20.9421, 143.3711



72.6720, -31.8833, 146.7467



112.2720, 0.8519, 6.7775



65.9600, 14.8097, 103.5211



20.0500, 4.4123, 31.5282

Inverse Universe

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



86.1240, 19.6589, 134.9493



91.5210, 20.9421, 143.3711



167.3280, 31.8833, -146.7467



112.2720, 0.8519, 6.7775



65.9600, 14.8097, 103.5211



20.0500, 4.4123, 31.5282

Previews

White Background



This preview shows how the YUV color 86.1240, 19.6589, 134.9493 looks on a white background.

Color Contrast Check

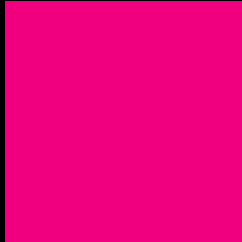
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.1240, 19.6589, 134.9493 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 86.1240, 19.6589, 134.9493

Background



This preview shows how black text looks on a background with the YUV color 86.1240, 19.6589, 134.9493.



This preview shows how white text looks on a background with the YUV color 86.1240, 19.6589,

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

86.1240, 19.6589, 134.9493

Protanopia

124.6430, 28.2770, -16.3499

Deuteranopia

126.4100, -5.1321, 12.7954



Tritanopia

105.6140, -27.4177, 114.3485

Trichromacy



Original Color

86.1240, 19.6589, 134.9493



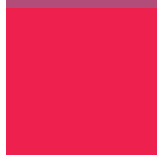
Protanomaly

110.5990, 25.3407, 38.9397



Deuteranomaly

111.8020, 4.0416, 57.1786



Tritanomaly

98.5390, -10.1257, 121.4303

Monochromacy



Original Color

86.1240, 19.6589, 134.9493



Achromatopsia

86.0000, 0.0000, 0.0000



Achromatomaly

86.2570, 7.2683, 48.8866

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.1240, 19.6589, 134.9493 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(240, 0, 126)` looks like.

```
.text, #text, p{  
    color:rgb(240, 0, 126)  
}
```

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(240, 0, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 0, 126) }
```

Border

The CSS property to change the border of an element to YUV 86.1240, 19.6589, 134.9493 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(240, 0, 126) }
```


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

```
.border{ border-color:rgb(240, 0, 126) }
```

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

Here you see how a box with a 4 pixel rgb(240, 0, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 0, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 0, 126);  
box-shadow:4px 4px 4px 4px rgb(240, 0,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 86.1240, 19.6589, 134.9493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 0, 126) }
```

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

```
.background{ background-color: rgb(240, 0,  
126) }
```

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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