

Converting Colors

YUV(85.7370, 6.5387, 143.1817)

Have a look what the booklet for
YUV(85.7370, 6.5387, 143.1817)
contains.

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Color

**YUV(85.7370, 6.5387,
143.1817)**

Conversions

Conversions Part 1

Format	Color
Hex	F90063
RGB	249, 0, 99
RGB Percent	98%, 0%, 39%
CMY	0.0235, 1.0000, 0.6118
CMYK	0.00, 1.00, 0.60, 0.02
HSL	336°, 100%, 49%
HSV	336°, 100%, 98%
XYZ	41.3191, 21.0406, 13.6879
YIQ	85.7370, 116.6250, 83.5770

Conversions

Conversions Part 2

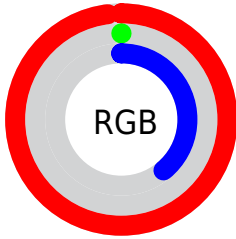
Format	Color
RYB	249, 0, 99
Decimal	16318563
CIELab	52.99, 81.38, 18.77
CIELCh	53, 83.517, 12.985
Yxy	21.0406, 0.5433, 0.2767
Android (android.graphics.Color)	4294508643 (0xFFFF90063)
YUV	85.7370, 6.5387, 143.1817
Hunter-Lab	45.8700, 80.5177, 14.4166

Details

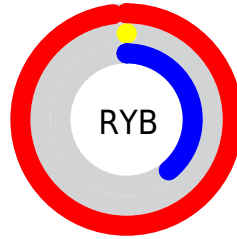
The YUV color **85.7370, 6.5387, 143.1817** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **163.2630, -6.5387, -143.1817**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.1700, -0.5768, 91.9359**, and **61.0580, -3.9726, 107.8201** is the 20% darker color. If you saturate the color by 10%, you get **85.7370, 6.5387, 143.1817**, and if you desaturate by 10%, it is **102.1220, 5.8559, 128.8120**.

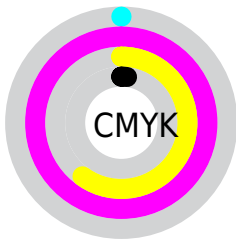
Distribution



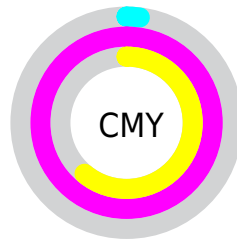
- Red (98%)
- Green (0%)
- Blue (39%)



- Red (98%)
- Yellow (0%)
- Blue (39%)



- Cyan (0%)
- Magenta (100%)
- Yellow (60%)
- Black (2%)





- Cyan (2%)
- Magenta (100%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YUV color 85.7370, 6.5387, 143.1817 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 85.7370, 6.5387, 143.1817 by changing the saturation by 10% instead.


 85.7370, 6.5387,
143.1817


 85.7370, 6.5387,
143.1817

255.0000, 0.0000,
0.0000

 73.4330, 0.7725,
125.9083


 150.1700, -0.5768,
91.9359


 61.0580, -3.9726,
107.8201


 172.0320, 1.9562,
72.7629


 49.5090, -8.1389,
90.7616


 193.3070, 4.7786,
54.1048

 37.4330, -13.0315,
73.2883

 214.1090, 8.3273,
35.8614

 27.3660, -11.5194,
54.9300

 234.4550, 10.1287,
18.0180

 17.5700, -7.6760,
35.4571

 252.6520, 1.1576,

 5.6810, -2.8007,

2.0592

11.6808

■ 0.0000, 0.0000,
0.0000

■ 85.7370, 6.5387,
143.1817

■ 102.1220, 5.8559,
128.8120

■ 118.5070, 5.1730,
114.4424

■ 134.8920, 4.4902,
100.0727

■ 151.2770, 3.8074,
85.7031

■ 167.6620, 3.1246,
71.3334

■ 183.4600, 2.7312,
57.4786

■ 199.8450, 2.0484,
43.1089

■ 216.2300, 1.3656,
28.7393

■ 232.6150, 0.6828,
14.3696

Harmonies

Analogous

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



108.4070, 30.3653, 107.5141



85.7370, 6.5387, 143.1817



111.4760, -41.6467, 104.8225

Triad

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



85.7370, 6.5387, 143.1817



91.6710, -45.1938, -64.6095



114.7720, 69.1324, -100.6550

Complementary

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



85.7370, 6.5387, 143.1817



163.2630, -6.5387, -143.1817

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.



116.5210, 52.9871, -102.1889



85.7370, 6.5387, 143.1817



99.6320, -9.1856, -87.3773

Square

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



85.7370, 6.5387, 143.1817



115.4460, -56.9149, 8.3789



110.0570, 23.1429, -96.5200



103.0320, 74.9202, -90.3591

Rectangle

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



85.7370, 6.5387, 143.1817



117.0490, -57.7052, 75.3790



110.0570, 23.1429, -96.5200



117.1200, 67.9748, -102.7142

Sweetspot

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



85.7370, 6.5387, 143.1817



205.1440, 1.9010, 43.7237



72.9370, 86.7991, 66.7073



97.8060, 1.0816, 26.4801



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.



85.7370, 6.5387, 143.1817



87.7590, 6.5278, 146.6704



89.1260, -43.9391, 140.2095



116.4570, 0.2677, 7.4922



65.0610, 4.8999, 108.6945



20.9750, 1.4913, 35.1019

Inverse Universe

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



85.7370, 6.5387, 143.1817



87.7590, 6.5278, 146.6704



159.8740, 43.9391, -140.2095



116.4570, 0.2677, 7.4922



65.0610, 4.8999, 108.6945



20.9750, 1.4913, 35.1019

Previews

White Background



This preview shows how the YUV color 85.7370, 6.5387, 143.1817 looks on a white background.

Color Contrast Check

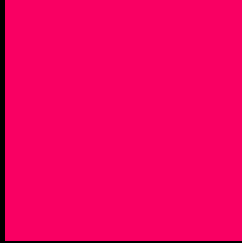
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.7370, 6.5387, 143.1817 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 85.7370, 6.5387, 143.1817

Background



This preview shows how black text looks on a background with the YUV color 85.7370, 6.5387, 143.1817.

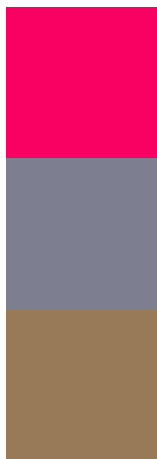


This preview shows how white text looks on a background with the YUV color 85.7370, 6.5387, 143.1817.

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

85.7370, 6.5387, 143.1817

Protanopia

128.3400, 7.7204, -2.9292

Deuteranopia

127.3930, -19.4207, 22.4573



Tritanopia

101.5510, -31.8236, 127.5588

Trichromacy



Original Color

85.7370, 6.5387, 143.1817

Protanomaly

112.9690, 7.4103, 50.0162

Deuteranomaly

112.4860, -10.0996, 66.2258

Tritanomaly

95.6670, -17.5838, 133.5960

Monochromacy



Original Color

85.7370, 6.5387, 143.1817

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.0140, 2.4581, 51.7307

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.7370, 6.5387, 143.1817 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(249, 0, 99)` looks like.

```
.text, #text, p{  
    color:rgb(249, 0, 99)  
}
```

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(249, 0, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 0, 99) }
```

Border

The CSS property to change the border of an element to YUV 85.7370, 6.5387, 143.1817 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(249, 0, 99) }
```


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

```
.border{ border-color:rgb(249, 0, 99) }
```

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

Here you see how a box with a 4 pixel rgb(249, 0, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 0, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 0, 99);  
box-shadow:4px 4px 4px 4px rgb(249, 0, 99)  
}
```

Background

The CSS property to change the background color of an element to YUV 85.7370, 6.5387, 143.1817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 0, 99) }
```

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

```
.background{ background-color: rgb(249, 0,  
99) }
```

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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