

Converting Colors

YUV(84.9970, 8.8755, 140.3226)

Have a look what the booklet for
YUV(84.9970, 8.8755, 140.3226)
contains.

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Color

**YUV(84.9970, 8.8755,
140.3226)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F50067 |
| RGB | 245, 0, 103 |
| RGB Percent | 96%, 0%, 40% |
| CMY | 0.0392, 1.0000, 0.5961 |
| CMYK | 0.00, 1.00, 0.58, 0.04 |
| HSL | 335°, 100%, 48% |
| HSV | 335°, 100%, 96% |
| XYZ | 40.1044, 20.3917, 14.6542 |
| YIQ | 84.9970, 112.9570, 83.9730 |

Conversions

Conversions Part 2

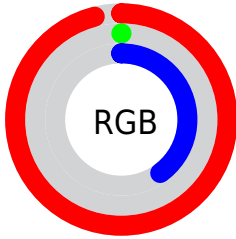
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 245, 0, 103 |
| Decimal | 16056423 |
| CIE _{Lab} | 52.28, 80.72, 15.23 |
| CIE _{LCh} | 52, 82.145, 10.682 |
| Yxy | 20.3917, 0.5337, 0.2713 |
| Android (android.graphics.Color) | 4294246503 (0xFFFF50067) |
| YUV | 84.9970, 8.8755, 140.3226 |
| Hunter-Lab | 45.1572, 79.5016, 12.3695 |

Details

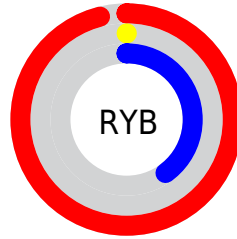
The YUV color **84.9970, 8.8755, 140.3226** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **160.0030, -8.8755, -140.3226**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.7400, 1.6072, 91.4360**, and **60.6170, -1.7832, 105.5759** is the 20% darker color. If you saturate the color by 10%, you get **84.9970, 8.8755, 140.3226**, and if you desaturate by 10%, it is **100.6810, 8.0453, 126.5678**.

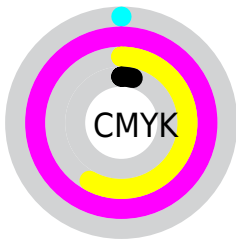
Distribution



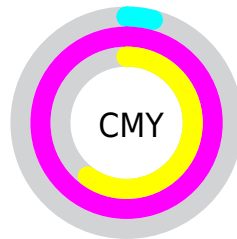
- Red (96%)
- Green (0%)
- Blue (40%)



- Red (96%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (4%)




- Cyan (4%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.9970, 8.8755, 140.3226 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 84.9970, 8.8755, 140.3226 by changing the saturation by 10% instead.


 84.9970, 8.8755,
140.3226


 84.9970, 8.8755,
140.3226


255.0000, 0.0000,
0.0000


 72.6930, 3.1094,
123.0492


 150.7400, 1.6072,
91.4360


 60.6170, -1.7832,
105.5759


 171.9010, 3.9928,
72.8778


 48.6550, -6.2389,
88.0026


 193.2900, 7.2520,
54.1197

 36.9920, -10.8421,
71.0440

 214.0920, 10.8006,
35.8763

 26.4690, -11.0772,
53.0857

 233.8680, 10.4181,
18.5328

 16.6730, -7.2338,
33.6128

 252.0650, 1.4470,

 3.2890, -1.6215,

2.5740

6.7625

■ 0.0000, 0.0000,
0.0000

■ 84.9970, 8.8755,
140.3226

■ 100.6810, 8.0453,
126.5678

■ 116.9520, 6.9257,
112.2981

■ 133.3370, 6.2429,
97.9285

■ 149.0210, 5.4126,
84.1736

■ 165.2920, 4.2930,
69.9039

■ 180.9760, 3.4628,
56.1490

■ 196.6600, 2.6326,
42.3942

■ 213.0450, 1.9498,
28.0245

■ 229.3160, 0.8302,
13.7549

Harmonies

Analogous

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



110.1780, 30.9712, 99.8219



84.9970, 8.8755, 140.3226



109.3280, -37.1367, 104.9523

Triad

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



84.9970, 8.8755, 140.3226



95.5910, -47.1264, -51.3843



114.1850, 69.4218, -100.1402

Complementary

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



84.9970, 8.8755, 140.3226



160.0030, -8.8755, -140.3226

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.



114.4350, 50.0715, -100.3595



84.9970, 8.8755, 140.3226



97.1870, -10.9382, -85.2330

Square

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



84.9970, 8.8755, 140.3226



114.8810, -56.6363, 12.3824



107.3840, 20.5167, -94.1758



103.0320, 74.9202, -90.3591

Rectangle

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



84.9970, 8.8755, 140.3226



115.0000, -56.6950, 78.0530



107.3840, 20.5167, -94.1758



115.7350, 65.2066, -101.4996

Sweetspot

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



84.9970, 8.8755, 140.3226



205.3720, 2.7746, 43.5238



69.4910, 86.5259, 60.9594



97.9200, 1.5184, 26.3802



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.



84.9970, 8.8755, 140.3226



88.4430, 9.1486, 146.0705



82.6470, -40.7450, 142.3836



114.1580, 0.4151, 6.8774



64.5060, 6.6525, 106.5502



20.4910, 2.2229, 33.7724

Inverse Universe

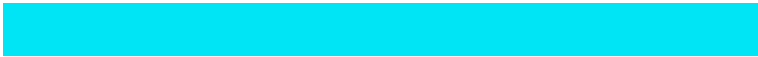
The Inverse Universe completely reimagines the original color for something new.



84.9970, 8.8755, 140.3226



88.4430, 9.1486, 146.0705



162.3530, 40.7450, -142.3836



114.1580, 0.4151, 6.8774



64.5060, 6.6525, 106.5502



20.4910, 2.2229, 33.7724

Previews

White Background



This preview shows how the YUV color 84.9970, 8.8755, 140.3226 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 84.9970, 8.8755, 140.3226 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 84.9970, 8.8755, 140.3226

Background



This preview shows how black text looks on a background with the YUV color 84.9970, 8.8755, 140.3226.

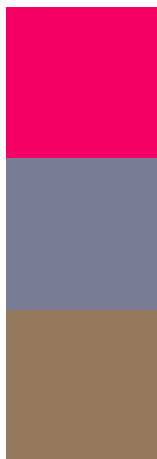


This preview shows how white text looks on a background with the YUV color 84.9970, 8.8755,

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

84.9970, 8.8755, 140.3226

Protanopia

126.6540, 11.5096, -4.9586

Deuteranopia

126.1800, -16.3577, 20.0131



Tritanopia

101.1700, -30.6498, 124.3849

Trichromacy



Original Color

84.9970, 8.8755, 140.3226



Protanomaly

111.7560, 10.4733, 47.5720



Deuteranomaly

111.2730, -7.0366, 63.7816



Tritanomaly

95.2860, -16.4100, 130.4222

Monochromacy



Original Color

84.9970, 8.8755, 140.3226



Achromatopsia

85.0000, 0.0000, 0.0000



Achromatomaly

84.9430, 3.4791, 50.9160

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.9970, 8.8755, 140.3226 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(245, 0, 103)` looks like.

```
.text, #text, p{  
    color:rgb(245, 0, 103)  
}
```

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(245, 0, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 0, 103) }
```

Border

The CSS property to change the border of an element to YUV 84.9970, 8.8755, 140.3226 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(245, 0, 103) }
```


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

```
.border{ border-color:rgb(245, 0, 103) }
```

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

Here you see how a box with a 4 pixel rgb(245, 0, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 0, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 0, 103);  
box-shadow:4px 4px 4px 4px rgb(245, 0,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 84.9970, 8.8755, 140.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 0, 103) }
```

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

```
.background{ background-color: rgb(245, 0,  
103) }
```

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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