

Converting Colors

YUV(87.9870, 7.4014, 146.4704)

Have a look what the booklet for
YUV(87.9870, 7.4014, 146.4704)
contains.

YUV(87.9870, 7.4014, 146.4704)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

**YUV(87.9870, 7.4014,
146.4704)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0067
RGB	255, 0, 103
RGB Percent	100%, 0%, 40%
CMY	0.0000, 1.0000, 0.5961
CMYK	0.00, 1.00, 0.60, 0.00
HSL	336°, 100%, 50%
HSV	336°, 100%, 100%
XYZ	43.6882, 22.2393, 14.8219
YIQ	87.9870, 118.9170, 86.0930

Conversions

Conversions Part 2

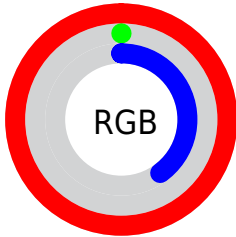
Format	Color
RYB	255, 0, 103
Decimal	16711783
CIELab	54.28, 82.94, 18.29
CIElCh	54, 84.935, 12.435
Yxy	22.2393, 0.5410, 0.2754
Android (android.graphics.Color)	4294901863 (0xFFFF0067)
YUV	87.9870, 7.4014, 146.4704
Hunter-Lab	47.1585, 82.8369, 14.3761

Details

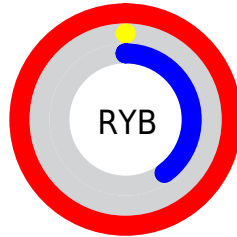
The YUV color **87.9870, 7.4014, 146.4704** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **167.0130, -7.4014, -146.4704**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.9140, 1.0284, 90.4064**, and **63.3080, -3.1098, 111.1089** is the 20% darker color. If you saturate the color by 10%, you get **87.9870, 7.4014, 146.4704**, and if you desaturate by 10%, it is **104.3720, 6.7186, 132.1008**.

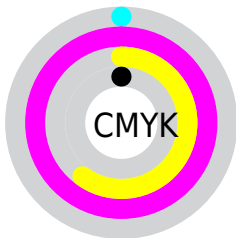
Distribution



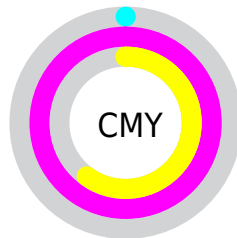
- Red (100%)
- Green (0%)
- Blue (40%)



- Red (100%)
- Yellow (0%)
- Blue (40%)



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




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

Brightness & Saturation Gradients

These gradients show how the YUV color 87.9870, 7.4014, 146.4704 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 87.9870, 7.4014, 146.4704 by changing the saturation by 10% instead.


 87.9870, 7.4014,
146.4704


 87.9870, 7.4014,
146.4704


255.0000, 0.0000,
0.0000


 75.3840, 1.7827,
128.5822


 151.9140, 1.0284,
90.4064

 63.3080, -3.1098,
111.1089


 173.6620, 3.1246,
71.3334


 51.3460, -7.5656,
93.5356


 194.4640, 6.6732,
53.0901

 39.4980, -11.5845,
75.8623

 215.8530, 9.9325,
34.3319

 28.8610, -12.2565,
58.0039

 236.2160, 9.2605,
16.4736

 19.4780, -8.1237,
39.0458

253.8260, 0.5788,

 8.7850, -3.8380,

1.0296

17.7286

■ 0.0000, 0.0000,
0.0000

■ 87.9870, 7.4014,
146.4704

■ 104.3720, 6.7186,
132.1008

■ 121.3440, 5.7464,
117.2163

■ 138.4300, 5.2110,
102.2319

■ 154.8150, 4.5282,
87.8622

■ 171.7870, 3.5560,
72.9778

■ 188.1720, 2.8732,
58.6082

■ 205.1440, 1.9010,
43.7237

■ 221.6430, 1.6550,
29.2541

■ 238.6150, 0.6828,
14.3696

Harmonies

Analogous

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



112.3470, 31.3809, 108.4437



87.9870, 7.4014, 146.4704



114.1990, -41.5101, 107.6965

Triad

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



87.9870, 7.4014, 146.4704



96.1120, -47.3832, -62.3652



117.1200, 67.9748, -102.7142

Complementary

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



87.9870, 7.4014, 146.4704



167.0130, -7.4014, -146.4704

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.



119.3250, 53.5768, -104.6480



87.9870, 7.4014, 146.4704



102.0940, -9.9063, -89.5364

Square

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



87.9870, 7.4014, 146.4704



118.7020, -58.5201, 9.9083



112.7470, 23.2957, -98.8791



104.7930, 74.0521, -91.9035

Rectangle

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



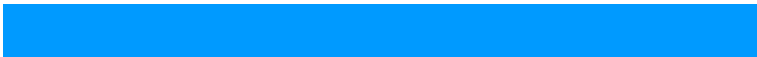
87.9870, 7.4014, 146.4704



120.0170, -59.1684, 78.0381



112.7470, 23.2957, -98.8791



119.4680, 66.8173, -104.7734

Sweetspot

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



87.9870, 7.4014, 146.4704



205.1440, 1.9010, 43.7237



73.6210, 89.4198, 66.1074



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.



87.9870, 7.4014, 146.4704



88.5720, -43.6660, 145.9574



119.4570, 0.2677, 7.4922



65.8870, 5.4787, 109.7241



22.1000, 1.9227, 36.7463

Inverse Universe

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



87.9870, 7.4014, 146.4704



166.4280, 43.6660, -145.9574



119.4570, 0.2677, 7.4922



65.8870, 5.4787, 109.7241



22.1000, 1.9227, 36.7463

Previews

White Background



This preview shows how the YUV color 87.9870, 7.4014, 146.4704 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 87.9870, 7.4014, 146.4704 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 87.9870, 7.4014, 146.4704

Background



This preview shows how black text looks on a background with the YUV color 87.9870, 7.4014, 146.4704.

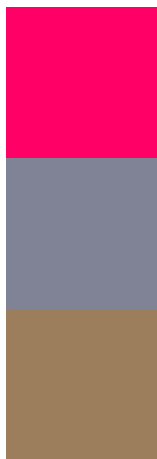


This preview shows how white text looks on a background with the YUV color 87.9870, 7.4014, 146.4704.

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

87.9870, 7.4014, 146.4704

Protanopia

131.6820, 9.0308, -3.2291

Deuteranopia

131.0940, -19.2733, 21.8426



Tritanopia

104.1600, -32.1239, 130.5327

Trichromacy



Original Color

87.9870, 7.4014, 146.4704



Protanomaly

115.9090, 8.4259, 50.9458



Deuteranomaly

115.3120, -9.5208, 67.2554



Tritanomaly

98.2760, -17.8841, 136.5699

Monochromacy



Original Color

87.9870, 7.4014, 146.4704



Achromatopsia

88.0000, 0.0000, 0.0000



Achromatomaly

88.0250, 2.4527, 53.4751

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.9870, 7.4014, 146.4704 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(255, 0, 103)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 0, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 103) }
```

Border

The CSS property to change the border of an element to YUV 87.9870, 7.4014, 146.4704 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(255, 0, 103) }
```

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

```
.border{ border-color:rgb(255, 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(255, 0, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 103);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 87.9870, 7.4014, 146.4704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 103) }
```

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

```
.background{ background-color: rgb(255, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor