

Converting Colors

YUV(82.8740, 2.0341, 141.3075)

Have a look what the booklet for
YUV(82.8740, 2.0341, 141.3075)
contains.

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Color

**YUV(82.8740, 2.0341,
141.3075)**

Conversions

Conversions Part 1

Format	Color
Hex	F40057
RGB	244, 0, 87
RGB Percent	96%, 0%, 34%
CMY	0.0431, 1.0000, 0.6588
CMYK	0.00, 1.00, 0.64, 0.04
HSL	339°, 100%, 48%
HSV	339°, 100%, 96%
XYZ	39.0285, 19.9212, 10.8050
YIQ	82.8740, 117.4970, 78.7850

Conversions

Conversions Part 2

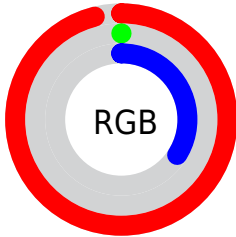
Format	Color
RYB	244, 0, 87
Decimal	15990871
CIELab	51.75, 79.62, 24.21
CIElCh	52, 83.219, 16.915
Yxy	19.9212, 0.5595, 0.2856
Android (android.graphics.Color)	4294180951 (0xFFFF40057)
YUV	82.8740, 2.0341, 141.3075
Hunter-Lab	44.6332, 77.9774, 16.8901

Details

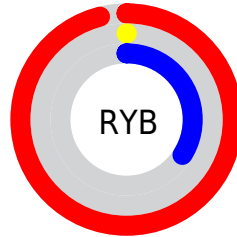
The YUV color **82.8740, 2.0341, 141.3075** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **161.1260, -2.0341, -141.3075**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.1010, -5.9658, 93.7504**, and **58.4230, -7.6035, 105.7460** is the 20% darker color. If you saturate the color by 10%, you get **82.8740, 2.0341, 141.3075**, and if you desaturate by 10%, it is **98.7860, 2.0775, 127.3527**.

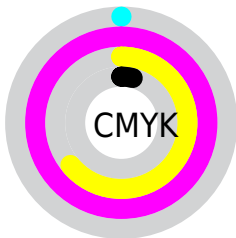
Distribution



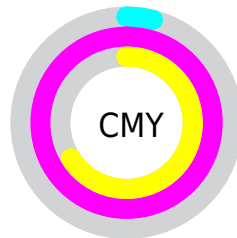
- Red (96%)
- Green (0%)
- Blue (34%)



- Red (96%)
- Yellow (0%)
- Blue (34%)



- Cyan (0%)
- Magenta (100%)
- Yellow (64%)
- Black (4%)



- Cyan (4%)
- Magenta (100%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YUV color 82.8740, 2.0341, 141.3075 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 82.8740, 2.0341, 141.3075 by changing the saturation by 10% instead.


 82.8740, 2.0341,
141.3075


 82.8740, 2.0341,
141.3075


255.0000, 0.0000,
0.0000


 70.6840, -3.2952,
123.9341


 148.1010, -5.9658,
93.7504

 58.4230, -7.6035,
105.7460


 169.2620, -3.5802,
75.1922

 46.5750, -11.6225,
88.0727


 190.5370, -0.7577,
56.5341

 34.9120, -16.2256,
71.1142

 211.3390, 2.7909,
38.2907

 25.8710, -10.7824,
51.8561

 232.2550, 6.7763,
19.9474

 16.0750, -6.9390,
32.3832

 251.4780, 1.7363,

 0.5980, -0.2948,

3.0888

1.2296

■ 0.0000, 0.0000,
0.0000

■ 82.8740, 2.0341,
141.3075

■ 98.7860, 2.0775,
127.3527

■ 115.1710, 1.3947,
112.9830

■ 131.0830, 1.4381,
99.0282

■ 147.5820, 1.1921,
84.5586

■ 163.4940, 1.2355,
70.6038

■ 179.2920, 0.8420,
56.7489

■ 195.7910, 0.5960,
42.2793

■ 211.7030, 0.6394,
28.3245

■ 228.0880, -0.0434,
13.9548

Harmonies

Analogous

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



96.7720, 30.1854, 118.5950



82.8740, 2.0341, 141.3075



108.4940, -49.0505, 99.5448

Triad

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



82.8740, 2.0341, 141.3075



85.1150, -41.9617, -74.6459



111.8370, 70.5794, -98.0810

Complementary

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



82.8740, 2.0341, 141.3075



161.1260, -2.0341, -141.3075

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.



114.5150, 55.4551, -100.4297



82.8740, 2.0341, 141.3075



98.6690, -5.2598, -86.5327

Square

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



82.8740, 2.0341, 141.3075



111.2710, -54.8566, 1.5163



108.3930, 26.9213, -95.0607



98.9230, 76.9460, -86.7555

Rectangle

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



82.8740, 2.0341, 141.3075



115.2330, -56.8099, 68.2017



108.3930, 26.9213, -95.0607



114.7720, 69.1324, -100.6550

Sweetspot

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



82.8740, 2.0341, 141.3075



204.8020, 0.5906, 44.0236



74.1610, 83.7306, 70.8958



97.5780, 0.2080, 26.6801



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.



82.8740, 2.0341, 141.3075



86.6190, 2.1598, 147.6701



92.3270, -45.5172, 133.0172



114.1580, 0.4151, 6.8774



63.1380, 1.4110, 107.7500



20.0350, 0.4757, 34.1723

Inverse Universe

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



82.8740, 2.0341, 141.3075



86.6190, 2.1598, 147.6701



151.6730, 45.5172, -133.0172



114.1580, 0.4151, 6.8774



63.1380, 1.4110, 107.7500



20.0350, 0.4757, 34.1723

Previews

White Background



This preview shows how the YUV color 82.8740, 2.0341, 141.3075 looks on a white background.

Color Contrast Check

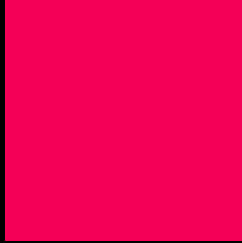
Large Text (above 18pt) WCAG AA ✓ Pass

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 82.8740, 2.0341, 141.3075 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 82.8740, 2.0341, 141.3075

Background



This preview shows how black text looks on a background with the YUV color 82.8740, 2.0341, 141.3075.



This preview shows how white text looks on a background with the YUV color 82.8740, 2.0341, 141.3075.

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

82.8740, 2.0341, 141.3075

Protanopia

125.0540, 1.4524, 0.8296

Deuteranopia

123.6660, -23.4993, 23.9719



Tritanopia

96.5510, -31.8236, 127.5588

Trichromacy



Original Color

82.8740, 2.0341, 141.3075



Protanomaly

109.7860, 1.5845, 51.9307



Deuteranomaly

109.0470, -14.3202, 66.6108



Tritanomaly

91.4990, -19.4730, 132.8664

Monochromacy



Original Color

82.8740, 2.0341, 141.3075



Achromatopsia

83.0000, 0.0000, 0.0000



Achromatomaly

83.1450, 0.4215, 51.6158

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.8740, 2.0341, 141.3075 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(244, 0, 87)` looks like.

```
.text, #text, p{  
    color:rgb(244, 0, 87)  
}
```

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(244, 0, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 0, 87) }
```

Border

The CSS property to change the border of an element to YUV 82.8740, 2.0341, 141.3075 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(244, 0, 87) }
```


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

```
.border{ border-color:rgb(244, 0, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 0, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 0, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 0, 87);  
box-shadow:4px 4px 4px 4px rgb(244, 0, 87)  
}
```

Background

The CSS property to change the background color of an element to YUV 82.8740, 2.0341, 141.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 0, 87) }
```

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

```
.background{ background-color: rgb(244, 0,  
87) }
```

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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