

Converting Colors

YUV(82.9300, -2.9235,
144.7664)

Have a look what the booklet for
YUV(82.9300, -2.9235, 144.7664)
contains.

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Color

**YUV(82.9300, -2.9235,
144.7664)**

Conversions

Conversions Part 1

Format	Color
Hex	F8004D
RGB	248, 0, 77
RGB Percent	97%, 0%, 30%
CMY	0.0275, 1.0000, 0.6980
CMYK	0.00, 1.00, 0.69, 0.03
HSL	341°, 100%, 49%
HSV	341°, 100%, 97%
XYZ	40.0510, 20.4923, 8.8657
YIQ	82.9300, 123.0910, 76.5230

Conversions

Conversions Part 2

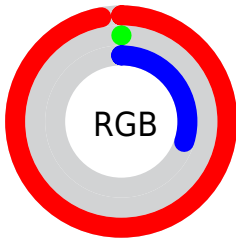
Format	Color
RYB	248, 0, 77
Decimal	16253005
CIELab	52.39, 80.07, 31.23
CIElCh	52, 85.946, 21.305
Yxy	20.4923, 0.5770, 0.2952
Android (android.graphics.Color)	4294443085 (0xFFFF8004D)
YUV	82.9300, -2.9235, 144.7664
Hunter-Lab	45.2684, 78.7071, 20.0761

Details

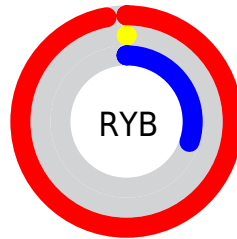
The YUV color **82.9300, -2.9235, 144.7664** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **165.0700, 2.9235, -144.7664**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.9610, -10.3338, 94.7502**, and **58.5930, -12.1243, 109.1049** is the 20% darker color. If you saturate the color by 10%, you get **82.9300, -2.9235, 144.7664**, and if you desaturate by 10%, it is **99.5430, -2.7327, 130.1968**.

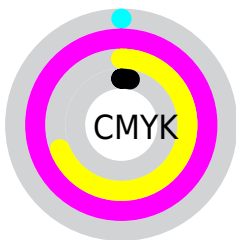
Distribution



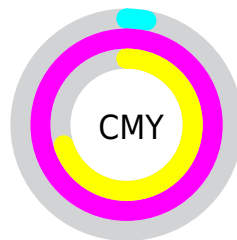
- Red (97%)
- Green (0%)
- Blue (30%)



- Red (97%)
- Yellow (0%)
- Blue (30%)



- Cyan (0%)
- Magenta (100%)
- Yellow (69%)
- Black (3%)





- Cyan (3%)
- Magenta (100%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YUV color 82.9300, -2.9235, 144.7664 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 82.9300, -2.9235, 144.7664 by changing the saturation by 10% instead.


 82.9300, -2.9235,
144.7664


 82.9300, -2.9235,
144.7664


255.0000, 0.0000,
0.0000


 70.5550, -7.6686,
126.6783


 146.9610,
-10.3338, 94.7502


 58.5930, -12.1243,
109.1049


 168.5950, -8.6743,
75.7772


 46.4460, -15.9959,
90.8169


 189.2830, -5.5625,
57.6338

 35.5100, -16.5204,
72.3437

 210.5580, -2.7401,
38.9756

 26.4690, -11.0772,
53.0857

 231.4740, 1.2453,
20.6323

 16.6730, -7.2338,
33.6128

 252.0650, 1.4470,

 3.2890, -1.6215,

2.5740

6.7625

■ 0.0000, 0.0000,
0.0000

■ 82.9300, -2.9235,
144.7664

■ 99.5430, -2.7327,
130.1968

■ 116.1560, -2.5419,
115.6272

■ 132.1820, -2.0617,
101.5724

■ 148.7950, -1.8709,
87.0028

■ 165.5220, -1.2433,
72.3332

■ 182.1350, -1.0526,
57.7636

■ 198.7480, -0.8618,
43.1940

■ 214.7740, -0.3816,
29.1392

■ 231.3870, -0.1908,
14.5696

Harmonies

Analogous

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



89.1590, 29.9946, 133.1646



82.9300, -2.9235, 144.7664



110.9790, -54.7126, 95.6114

Triad

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



82.9300, -2.9235, 144.7664



87.9190, -41.3721, -77.1050



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.



82.9300, -2.9235, 144.7664



165.0700, 2.9235, -144.7664

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.



117.1710, 60.5547, -102.7590



82.9300, -2.9235, 144.7664



101.7980, -0.8864, -89.2768

Square

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



82.9300, -2.9235, 144.7664



110.9170, -54.6821, -7.8202



111.7500, 32.1683, -98.0047



105.2460, 73.8287, -66.8677

Rectangle

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



82.9300, -2.9235, 144.7664



117.5590, -57.9566, 62.6538



111.7500, 32.1683, -98.0047



114.7720, 69.1324, -100.6550

Sweetspot

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



82.9300, -2.9235, 144.7664



204.3460, -1.1566, 44.4236



78.8030, 83.4141, 79.1028



97.3500, -0.6656, 26.8800



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.



82.9300, -2.9235, 144.7664



85.2510, -3.0817, 148.8699



100.5670, -49.5795, 129.2987



116.3430, -0.1691, 7.5922



63.2370, -2.0888, 110.2942



20.4050, -0.6927, 35.6018

Inverse Universe

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



82.9300, -2.9235, 144.7664



85.2510, -3.0817, 148.8699



147.4330, 49.5795, -129.2987



116.3430, -0.1691, 7.5922



63.2370, -2.0888, 110.2942



20.4050, -0.6927, 35.6018

Previews

White Background



This preview shows how the YUV color 82.9300, -2.9235, 144.7664 looks on a white background.

Color Contrast Check

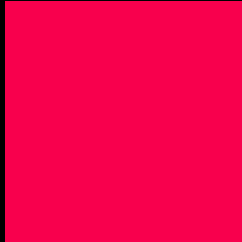
Large Text (above 18pt) WCAG AA ✓ Pass

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 82.9300, -2.9235, 144.7664 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 82.9300, -2.9235, 144.7664

Background



This preview shows how black text looks on a background with the YUV color 82.9300, -2.9235, 144.7664.



This preview shows how white text looks on a background with the YUV color 82.9300, -2.9235,

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

82.9300, -2.9235, 144.7664

Protanopia

126.4260, -6.1260, 4.8884

Deuteranopia

124.1950, -29.1831, 27.0160



Tritanopia

95.0140, -34.0239, 133.2917

Trichromacy



Original Color

82.9300, -2.9235, 144.7664



Protanomaly

110.5000, -4.6835, 55.6895



Deuteranomaly

108.9890, -19.7146, 70.1696



Tritanomaly

90.7230, -22.5414, 137.0549

Monochromacy



Original Color

82.9300, -2.9235, 144.7664



Achromatopsia

83.0000, 0.0000, 0.0000



Achromatomaly

83.1020, -1.0363, 52.5305

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.9300, -2.9235, 144.7664 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(248, 0, 77)` looks like.

```
.text, #text, p{  
    color:rgb(248, 0, 77)  
}
```

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(248, 0, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 0, 77) }
```

Border

The CSS property to change the border of an element to YUV 82.9300, -2.9235, 144.7664 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(248, 0, 77) }
```


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

```
.border{ border-color:rgb(248, 0, 77) }
```

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

Here you see how a box with a 4 pixel rgb(248, 0, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 0, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 0, 77);  
box-shadow:4px 4px 4px 4px rgb(248, 0, 77)  
}
```

Background

The CSS property to change the background color of an element to YUV 82.9300, -2.9235, 144.7664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 0, 77) }
```

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

```
.background{ background-color: rgb(248, 0,  
77) }
```

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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