

Converting Colors

YIQ(83.2440, 119.3310, 78.5870)

Have a look what the booklet for
YIQ(83.2440, 119.3310, 78.5870)
contains.

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Color

**YIQ(83.2440, 119.3310,
78.5870)**

Conversions

Conversions Part 1

Format	Color
Hex	F60055
RGB	246, 0, 85
RGB Percent	96%, 0%, 33%
CMY	0.0347, 0.9998, 0.6663
CMYK	0.00, 1.00, 0.65, 0.03
HSL	339°, 100%, 48%
HSV	339°, 100%, 97%
XYZ	39.7070, 20.2798, 10.4376
YIQ	83.2440, 119.3310, 78.5870

Conversions

Conversions Part 2

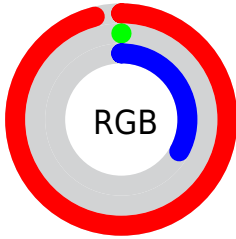
Format	Color
R_{YB}	246, 0, 85
Decimal	16121941
CIE _{Lab}	52.15, 80.02, 25.97
CIE _{LCh}	52, 84.127, 17.981
Yxy	20.2798, 0.5638, 0.2880
Android (android.graphics.Color)	4294312021 (0xFFFF60055)
YUV	83.2440, 0.8657, 142.7370
Hunter-Lab	45.0331, 78.5806, 17.7812

Details

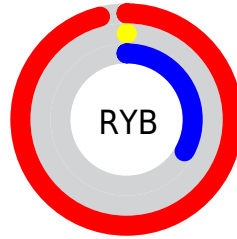
The YIQ color **83.2440, 119.3310, 78.5870** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **162.7560, -119.3310, -78.5870**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.8730, 82.5660, 45.5260**, and **58.7930, 94.7150, 51.1230** is the 20% darker color. If you saturate the color by 10%, you get **83.2440, 119.3310, 78.5870**, and if you desaturate by 10%, it is **99.7430, 107.3200, 70.4880**.

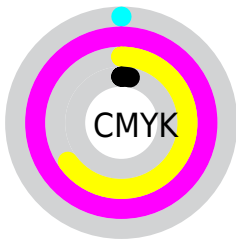
Distribution



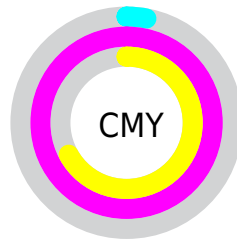
- Red (96%)
- Green (0%)
- Blue (33%)



- Red (96%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (65%)
- Black (3%)





- Cyan (3%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 83.2440, 119.3310, 78.5870 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 YIQ color 83.2440, 119.3310, 78.5870 by changing the saturation by 10% instead.


 83.2440, 119.3310,
78.5870


 83.2440, 119.3310,
78.5870


255.0000, -0.0000,
-0.0000


 71.0540, 107.6420,
64.6500


 147.8730, 82.5660,
45.5260


 58.7930, 94.7150,
51.1230


 169.6210, 65.4200,
36.8760

 47.0590, 81.7420,
38.4300


 190.3090, 48.5030,
29.5830

 35.2110, 69.0900,
25.4260

 211.6980, 30.9900,
22.0780

 26.1700, 49.9720,
19.4760

 232.5000, 13.7520,
15.0960

 16.6730, 32.1380,
12.2820

 252.0650, 1.3750,

 2.3920, 4.7680,

2.6150

1.6960

■ 0.0000, 0.0000,
0.0000

■ 83.2440, 119.3310,
78.5870

■ 99.7430, 107.3200,
70.4880

■ 115.6550, 95.5840,
62.9120

■ 132.1540, 83.5730,
54.8130

■ 148.7670, 71.2410,
47.0250

■ 164.6790, 59.5050,
39.4490

■ 181.1780, 47.4940,
31.3500

■ 197.0900, 35.7580,
23.7740

■ 213.5890, 23.7470,
15.6750

■ 230.0880, 11.7360,
7.5760

Harmonies

Analogous

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



92.8590, 87.4630, 94.4630



83.2440, 119.3310, 78.5870



108.8700, 111.8700, 10.0300

Triad

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



83.2440, 119.3310, 78.5870



86.2890, -40.4250, -76.8810



112.4240, -120.9050, 5.0390

Complementary

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



83.2440, 119.3310, 78.5870



162.7560, -119.3310, -78.5870

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.



115.6720, -116.2720, -7.3440



83.2440, 119.3310, 78.5870



100.2990, -71.6070, -51.4070

Square

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



83.2440, 119.3310, 78.5870



111.8470, 29.3060, -46.5500



109.4360, -95.9570, -28.6050



98.9230, -114.5800, 17.0680

Rectangle

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



83.2440, 119.3310, 78.5870



116.4070, 87.5280, -11.3840



109.4360, -95.9570, -28.6050



115.3590, -122.2800, 2.4240

Sweetspot

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



83.2440, 119.3310, 78.5870



204.6880, 36.9500, 24.1980



75.8840, 16.3940, 110.4260



97.4640, 22.6010, 14.4170



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.



83.2440, 119.3310, 78.5870



86.2770, 123.7320, 81.4280



95.2730, 136.4410, 32.8010



114.0440, 5.8680, 3.7880



62.9100, 90.3120, 59.3360



19.9210, 28.7440, 18.7280

Inverse Universe

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



83.2440, 119.3310, 78.5870



86.2770, 123.7320, 81.4280



150.7270, -136.4410, -32.8010



114.0440, 5.8680, 3.7880



62.9100, 90.3120, 59.3360



19.9210, 28.7440, 18.7280

Previews

White Background



This preview shows how the YIQ color 83.2440, 119.3310, 78.5870 looks on a white background.

Color Contrast Check

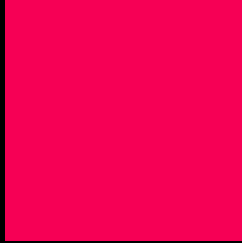
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 83.2440, 119.3310, 78.5870 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](#).

YIQ 83.2440, 119.3310, 78.5870

Background



This preview shows how black text looks on a background with the YIQ color 83.2440, 119.3310, 78.5870.



This preview shows how white text looks on a background with the YIQ color 83.2440, 119.3310,

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

83.2440, 119.3310, 78.5870

Protanopia

125.8970, 1.7880, 0.6360

Deuteranopia

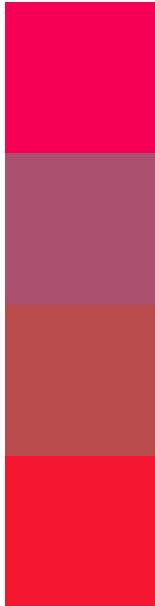
124.6230, 34.4340, -7.3100



Tritanopia

96.6330, 127.0400, 43.4880

Trichromacy



Original Color

83.2440, 119.3310, 78.5870

Protanomaly

110.6290, 44.6060, 28.6220

Deuteranomaly

109.4170, 65.5140, 24.1540

Tritanomaly

91.8690, 123.9200, 55.9840

Monochromacy



Original Color

83.2440, 119.3310, 78.5870

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

83.1450, 43.0930, 28.5090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 83.2440, 119.3310, 78.5870 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(246, 0, 85)` looks like.

```
.text, #text, p{  
    color:rgb(246, 0, 85)  
}
```

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(246, 0, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 0, 85) }
```

Border

The CSS property to change the border of an element to YIQ 83.2440, 119.3310, 78.5870 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(246, 0, 85) }
```


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

```
.border{ border-color:rgb(246, 0, 85) }
```

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

Here you see how a box with a 4 pixel rgb(246, 0, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 0, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 0, 85);  
box-shadow:4px 4px 4px 4px rgb(246, 0, 85)  
}
```

Background

The CSS property to change the background color of an element to YIQ 83.2440, 119.3310, 78.5870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 0, 85) }
```

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

```
.background{ background-color: rgb(246, 0,  
85) }
```

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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