

Converting Colors

YIQ(84.8850, 101.7690, 88.4970)

Have a look what the booklet for
YIQ(84.8850, 101.7690, 88.4970)
contains.

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Color

**YIQ(84.8850, 101.7690,
88.4970)**

Conversions

Conversions Part 1

Format	Color
Hex	ED007B
RGB	237, 0, 123
RGB Percent	93%, 0%, 48%
CMY	0.0699, 0.9998, 0.5173
CMYK	0.00, 1.00, 0.48, 0.07
HSL	329°, 100%, 47%
HSV	329°, 100%, 93%
XYZ	38.5597, 19.4647, 20.4895
YIQ	84.8850, 101.7690, 88.4970

Conversions

Conversions Part 2

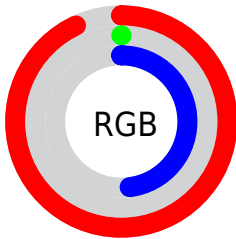
Format	Color
R_{YB}	237, 0, 123
Decimal	15532155
CIE _{Lab}	51.23, 80.37, 1.30
CIE _{LCh}	51, 80.383, 0.925
Yxy	19.4647, 0.4911, 0.2479
Android (android.graphics.Color)	4293722235 (0xFFED007B)
YUV	84.8850, 18.7907, 133.4049
Hunter-Lab	44.1188, 78.8006, 3.3479

Details

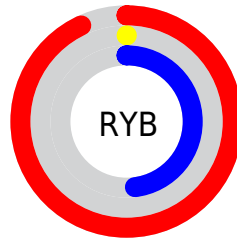
The YIQ color **84.8850, 101.7690, 88.4970** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **152.1150, -101.7690, -88.4970**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **152.5470, 69.4050, 58.2770**, and **60.5760, 79.6290, 60.2130** is the 20% darker color. If you saturate the color by 10%, you get **84.8850, 101.7690, 88.4970**, and if you desaturate by 10%, it is **100.2270, 91.6380, 79.3660**.

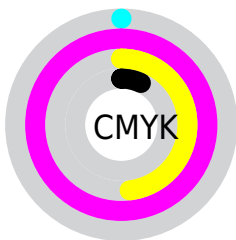
Distribution



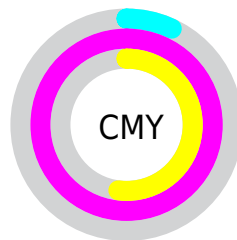
- Red (93%)
- Green (0%)
- Blue (48%)



- Red (93%)
- Yellow (0%)
- Blue (48%)



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (7%)





- Cyan (7%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 84.8850, 101.7690, 88.4970 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 84.8850, 101.7690, 88.4970 by changing the saturation by 10% instead.


 84.8850, 101.7690,
88.4970


 84.8850, 101.7690,
88.4970


255.0000, -0.0000,
-0.0000


 72.7660, 91.3180,
74.1500

 152.5470, 69.4050,
58.2770


 60.5760, 79.6290,
60.2130


 173.9360, 51.8920,
50.7720


 48.6850, 68.5360,
46.4880


 195.3250, 34.3790,
43.2670

 37.4350, 57.0760,
33.9080

 215.6710, 18.4250,
35.0410

 25.8000, 48.1380,
19.6740

 233.2810, 10.1750,
19.3510

 15.7760, 30.3500,
11.6460

 251.4780, 1.6500,

 0.0000, 0.0000,

3.1380

0.0000

■ 84.8850, 101.7690,
88.4970

■ 100.2270, 91.6380,
79.3660

■ 115.0960, 81.4610,
71.0690

■ 130.4380, 71.3300,
61.9380

■ 145.8940, 60.8780,
53.1180

■ 161.2360, 50.7470,
43.9870

■ 176.1050, 40.5700,
35.6900

■ 191.4470, 30.4390,
26.5590

■ 206.7890, 20.3080,
17.4280

■ 222.2450, 9.8560,
8.6080

Harmonies

Analogous

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



116.4030, 44.0480, 71.7920



84.8850, 101.7690, 88.4970



102.7540, 107.6460, 42.5420

Triad

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



84.8850, 101.7690, 88.4970



103.7300, 7.3460, -56.0620



113.4040, -118.1530, -0.7850

Complementary

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



84.8850, 101.7690, 88.4970



152.1150, -101.7690, -88.4970

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.



110.4110, -102.8360, -19.5720



84.8850, 101.7690, 88.4970



91.7610, -55.8330, -61.9530

Square

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



84.8850, 101.7690, 88.4970



114.0940, 54.0160, -31.8080



101.9580, -80.4120, -40.5080



105.9670, -117.8800, 10.7920

Rectangle

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



84.8850, 101.7690, 88.4970



109.4730, 105.4980, 4.3620



101.9580, -80.4120, -40.5080



112.9820, -114.2090, -6.1850

Sweetspot

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



84.8850, 101.7690, 88.4970



206.1700, 32.7770, 28.2410



60.2070, -9.9210, 97.2390



98.3760, 20.0330, 16.9050



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.



84.8850, 101.7690, 88.4970



91.2930, 109.6080, 95.1120



71.7750, 138.6840, 52.7320



112.2720, 5.2260, 4.4100



65.8460, 79.1690, 68.5530



20.0500, 24.0670, 20.8910

Inverse Universe

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



84.8850, 101.7690, 88.4970



91.2930, 109.6080, 95.1120



165.2250, -138.6840, -52.7320



112.2720, 5.2260, 4.4100



65.8460, 79.1690, 68.5530



20.0500, 24.0670, 20.8910

Previews

White Background



This preview shows how the YIQ color 84.8850, 101.7690, 88.4970 looks on a white background.

Color Contrast Check

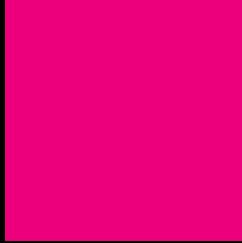
Large Text (above 18pt) WCAG AA ✓ Pass

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 84.8850, 101.7690, 88.4970 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 84.8850, 101.7690, 88.4970

Background



This preview shows how black text looks on a background with the YIQ color 84.8850, 101.7690, 88.4970.

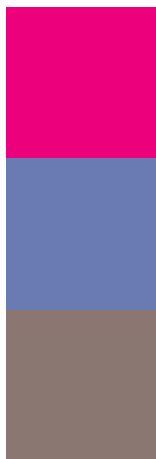


This preview shows how white text looks on a background with the YIQ color 84.8850, 101.7690,

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

84.8850, 101.7690, 88.4970

Protanopia

123.6000, -27.5120, 14.0240

Deuteranopia

124.2960, 13.8460, 2.3740



Tritanopia

104.3150, 110.2600, 39.2200

Trichromacy



Original Color

84.8850, 101.7690, 88.4970

Protanomaly

109.8440, 19.6160, 40.9920

Deuteranomaly

110.2750, 45.8430, 33.7390

Tritanomaly

97.1260, 107.1390, 57.2430

Monochromacy



Original Color

84.8850, 101.7690, 88.4970

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

84.8440, 36.8110, 32.2270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.8850, 101.7690, 88.4970 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(237, 0, 123)` looks like.

```
.text, #text, p{  
    color:rgb(237, 0, 123)  
}
```

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(237, 0, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 0, 123) }
```

Border

The CSS property to change the border of an element to YIQ 84.8850, 101.7690, 88.4970 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(237, 0, 123) }
```


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

```
.border{ border-color:rgb(237, 0, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 0, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 0, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 0, 123); box-shadow:4px 4px 4px 4px rgb(237, 0, 123) }
```

Background

The CSS property to change the background color of an element to YIQ 84.8850, 101.7690, 88.4970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 0, 123) }
```

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

```
.background{ background-color: rgb(237, 0,  
123) }
```

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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