

Converting Colors

YIQ(99.4410, 85.5840, 89.9680)

Have a look what the booklet for
YIQ(99.4410, 85.5840, 89.9680)
contains.

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Color

**YIQ(99.4410, 85.5840,
89.9680)**

Conversions

Conversions Part 1

Format	Color
Hex	ED129E
RGB	237, 18, 158
RGB Percent	93%, 7%, 62%
CMY	0.0700, 0.9296, 0.3802
CMYK	0.00, 0.92, 0.33, 0.07
HSL	322°, 86%, 50%
HSV	322°, 92%, 93%
XYZ	41.3683, 20.9315, 34.2342
YIQ	99.4410, 85.5840, 89.9680

Conversions

Conversions Part 2

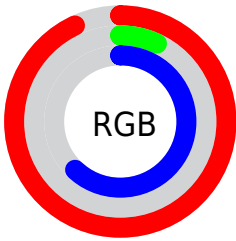
Format	Color
R_{YB}	237, 18, 158
Decimal	15536798
CIE _{Lab}	52.87, 82.05, -17.25
CIE _{LCh}	53, 83.840, 348.128
Yxy	20.9315, 0.4285, 0.2168
Android (android.graphics.Color)	4293726878 (0xFFED129E)
YUV	99.4410, 28.8696, 120.6392
Hunter-Lab	45.7510, 81.3365, -12.3394

Details

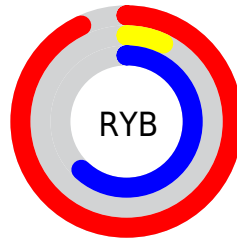
The YIQ color **99.4410, 85.5840, 89.9680** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **155.5590, -85.5840, -89.9680**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **159.8140, 55.8320, 67.4800**, and **64.5230, 69.9530, 70.3770** is the 20% darker color. If you saturate the color by 10%, you get **88.1910, 92.4600, 97.5160**, and if you desaturate by 10%, it is **114.5550, 76.0950, 80.2150**.

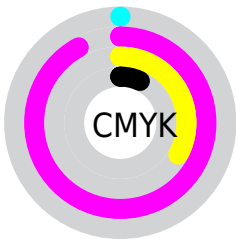
Distribution



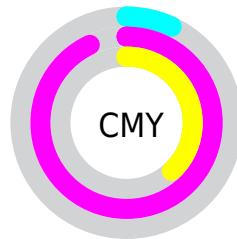
- Red (93%)
- Green (7%)
- Blue (62%)



- Red (93%)
- Yellow (7%)
- Blue (62%)



- Cyan (0%)
- Magenta (92%)
- Yellow (33%)
- Black (7%)





- Cyan (7%)
- Magenta (93%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 99.4410, 85.5840, 89.9680 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 99.4410, 85.5840, 89.9680 by changing the saturation by 10% instead.


 99.4410, 85.5840,
89.9680


 99.4410, 85.5840,
89.9680


255.0000, -0.0000,
-0.0000


 76.6420, 80.4040,
84.7240


 159.8140, 55.8320,
67.4800


 64.8220, 70.5490,
70.5890


 181.2030, 38.3190,
59.9750


 52.7030, 60.0980,
56.2420


 200.9960, 25.3000,
48.1160

 41.1110, 49.6010,
42.7290

 218.6060, 17.0500,
32.4260

 30.3450, 39.6540,
30.2620

 236.2160, 8.8000,
16.7360

 18.6390, 29.4780,
16.4380

254.4130, 0.2750,

 5.6810, 11.3240,

0.5230

4.0280

■ 0.0000, 0.0000,
0.0000

■ 99.4410, 85.5840,
89.9680

■ 99.4410, 85.5840,
89.9680

■ 88.1910, 92.4600,
97.5160

■ 114.5550, 76.0950,
80.2150

■ 128.9680, 67.2020,
70.6740

■ 144.0820, 57.7130,
60.9210

■ 159.0820, 48.5450,
50.8570

■ 174.1960, 39.0560,
41.1040

■ 188.6090, 30.1630,
31.5630

■ 203.7230, 20.6740,
21.8100

■ 218.8370, 11.1850,
12.0570

■ 233.2500, 2.2920,
2.5160

Harmonies

Analogous

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



126.6150, 13.9720, 66.1960



99.4410, 85.5840, 89.9680



91.1140, 116.5810, 73.3570

Triad

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



99.4410, 85.5840, 89.9680



113.3200, 29.3520, -47.3840



117.0740, -117.4640, -7.7680

Complementary

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



99.4410, 85.5840, 89.9680



155.5590, -85.5840, -89.9680

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.



110.8380, -97.1490, -29.0290



99.4410, 85.5840, 89.9680



87.4630, -40.9750, -77.9270

Square

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



99.4410, 85.5840, 89.9680



119.2540, 74.4170, -21.5750



101.7010, -72.7990, -51.8310



113.5980, -121.4550, 3.9930

Rectangle

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



99.4410, 85.5840, 89.9680



108.8710, 111.2700, 31.9260



101.7010, -72.7990, -51.8310



115.3810, -111.3190, -14.5110

Sweetspot

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



99.4410, 85.5840, 89.9680



210.3590, 27.8710, 29.0470



65.9890, -24.4070, 84.4330



100.3480, 17.2360, 18.0360



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.



99.4410, 85.5840, 89.9680



94.8270, 99.6570, 104.7530



87.2430, 119.9310, 56.6910



112.5000, 4.5840, 5.0320



68.3540, 72.1070, 75.3950



20.8480, 21.8200, 23.0680

Inverse Universe

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



99.4410, 85.5840, 89.9680



94.8270, 99.6570, 104.7530



167.7570, -119.9310, -56.6910



112.5000, 4.5840, 5.0320



68.3540, 72.1070, 75.3950



20.8480, 21.8200, 23.0680

Previews

White Background



This preview shows how the YIQ color 99.4410, 85.5840, 89.9680 looks on a white background.

Color Contrast Check

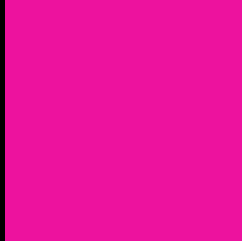
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.4410, 85.5840, 89.9680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

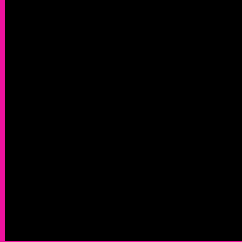
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 99.4410, 85.5840, 89.9680

Background



This preview shows how black text looks on a background with the YIQ color 99.4410, 85.5840, 89.9680.



This preview shows how white text looks on a background with the YIQ color 99.4410, 85.5840,

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

99.4410, 85.5840, 89.9680

Protanopia

122.5430, -57.7280, 21.9840

Deuteranopia

128.4160, -3.8070, 8.4250



Tritanopia

114.2750, 98.5690, 36.3370

Trichromacy



Original Color

99.4410, 85.5840, 89.9680



Protanomaly

113.9570, -5.3270, 47.0010



Deuteranomaly

117.6400, 28.8780, 38.3340



Tritanomaly

108.6560, 93.8430, 55.9150

Monochromacy



Original Color

99.4410, 85.5840, 89.9680



Achromatopsia

99.0000, -0.0000, 0.0000



Achromatomaly

99.3210, 31.0340, 32.2980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.4410, 85.5840, 89.9680 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, 18, 158)` looks like.

```
.text, #text, p{  
    color:rgb(237, 18, 158)  
}
```

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, 18, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 18, 158) }
```

Border

The CSS property to change the border of an element to YIQ 99.4410, 85.5840, 89.9680 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, 18, 158) }
```


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

```
.border{ border-color:rgb(237, 18, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 18, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 18, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 18, 158);  
box-shadow:4px 4px 4px 4px rgb(237, 18,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 99.4410, 85.5840, 89.9680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 18, 158) }
```

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

```
.background{ background-color: rgb(237, 18,  
158) }
```

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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