

Converting Colors

YIQ(93.8860, 100.0280, 81.5000)

Have a look what the booklet for
YIQ(93.8860, 100.0280, 81.5000)
contains.

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Color

**YIQ(93.8860, 100.0280,
81.5000)**

Conversions

Conversions Part 1

Format	Color
Hex	F00E7A
RGB	240, 14, 122
RGB Percent	94%, 5%, 48%
CMY	0.0582, 0.9453, 0.5213
CMYK	0.00, 0.94, 0.49, 0.06
HSL	331°, 89%, 50%
HSV	331°, 94%, 94%
XYZ	39.6612, 20.2709, 20.2606
YIQ	93.8860, 100.0280, 81.5000

Conversions

Conversions Part 2

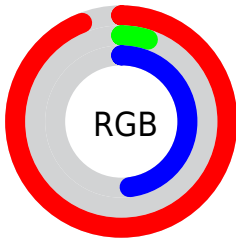
Format	Color
R_{YB}	240, 14, 122
Decimal	15732346
CIE _{Lab}	52.14, 79.92, 3.31
CIE _{LCh}	52, 79.985, 2.368
Yxy	20.2709, 0.4946, 0.2528
Android (android.graphics.Color)	4293922426 (0xFFFF00E7A)
YUV	93.8860, 13.8602, 128.1420
Hunter-Lab	45.0233, 78.4506, 4.8356

Details

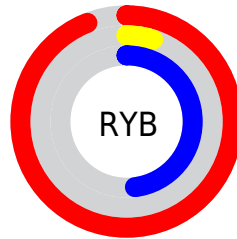
The YIQ color **93.8860, 100.0280, 81.5000** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **160.1140, -100.0280, -81.5000**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.1940, 68.9010, 56.3970**, and **61.3590, 81.7380, 60.5380** is the 20% darker color. If you saturate the color by 10%, you get **84.8700, 106.1250, 86.6450**, and if you desaturate by 10%, it is **109.4560, 89.2550, 72.9910**.

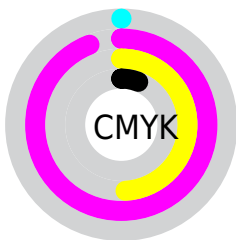
Distribution



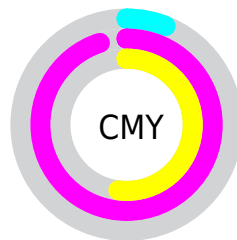
- Red (94%)
- Green (5%)
- Blue (48%)



- Red (94%)
- Yellow (5%)
- Blue (48%)



- Cyan (0%)
- Magenta (94%)
- Yellow (49%)
- Black (6%)





- Cyan (6%)
- Magenta (95%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 93.8860, 100.0280, 81.5000 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 93.8860, 100.0280, 81.5000 by changing the saturation by 10% instead.


 93.8860, 100.0280,
81.5000


 93.8860, 100.0280,
81.5000


255.0000, -0.0000,
-0.0000


 73.5490, 93.4270,
74.4750


 154.1940, 68.9010,
56.3970


 61.3590, 81.7380,
60.5380


 175.4690, 51.7090,
48.5810

 49.5820, 70.3240,
47.1240


 196.9720, 33.8750,
41.3870

 37.9190, 58.5890,
34.0210

 217.4320, 17.6000,
33.4720

 26.2840, 49.6510,
19.7870

 235.0420, 9.3500,
17.7820

 16.3740, 31.5420,
12.0700

 253.2390, 0.8250,

 2.3920, 4.7680,

1.5690

1.6960

■ 0.0000, 0.0000,
0.0000

■ 93.8860, 100.0280,
81.5000

■ 93.8860, 100.0280,
81.5000

■ 84.8700, 106.1250,
86.6450

■ 109.4560, 89.2550,
72.9910

■ 124.9120, 78.8030,
64.1710

■ 140.4820, 68.0300,
55.6620

■ 155.9380, 57.5780,
46.8420

■ 171.5080, 46.8050,
38.3330

■ 186.9640, 36.3530,
29.5130

■ 202.5340, 25.5800,
21.0040

■ 217.9900, 15.1280,
12.1840

■ 233.5600, 4.3550,
3.6750

Harmonies

Analogous

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



118.3710, 47.0740, 72.0180



93.8860, 100.0280, 81.5000



107.3470, 107.2340, 38.9940

Triad

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



93.8860, 100.0280, 81.5000



104.8930, 5.3290, -58.0550



114.4470, -119.7120, -0.0640

Complementary

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



93.8860, 100.0280, 81.5000



160.1140, -100.0280, -81.5000

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.



112.2690, -105.3120, -18.7520



93.8860, 100.0280, 81.5000



93.7330, -58.6300, -60.8220

Square

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



93.8860, 100.0280, 81.5000



116.4420, 52.9160, -33.9000



104.4030, -83.1630, -40.2110



106.5540, -118.1550, 10.2690

Rectangle

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



93.8860, 100.0280, 81.5000



111.8210, 104.3980, 2.2700



104.4030, -83.1630, -40.2110



114.6120, -116.0430, -5.9870

Sweetspot

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



93.8860, 100.0280, 81.5000



209.1050, 31.4020, 25.6260



74.7470, -2.8140, 95.0900



99.5500, 19.4830, 15.8590



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.



93.8860, 100.0280, 81.5000



90.1530, 112.8180, 92.0020



83.9220, 133.5960, 45.8200



112.2720, 5.2260, 4.4100



65.0480, 81.4160, 66.3760



19.8220, 24.7090, 20.2690

Inverse Universe

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



93.8860, 100.0280, 81.5000



90.1530, 112.8180, 92.0020



170.0780, -133.5960, -45.8200



112.2720, 5.2260, 4.4100



65.0480, 81.4160, 66.3760



19.8220, 24.7090, 20.2690

Previews

White Background



This preview shows how the YIQ color 93.8860, 100.0280, 81.5000 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 93.8860, 100.0280, 81.5000 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 93.8860, 100.0280, 81.5000

Background



This preview shows how black text looks on a background with the YIQ color 93.8860, 100.0280, 81.5000.



This preview shows how white text looks on a background with the YIQ color 93.8860, 100.0280,

81.5000.

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

93.8860, 100.0280, 81.5000

Protanopia

125.7420, -25.0360, 13.2040

Deuteranopia

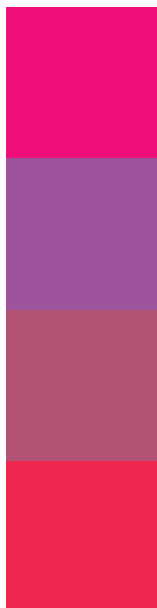
126.2530, 15.4050, 1.6530



Tritanopia

105.9130, 111.4520, 39.6440

Trichromacy



Original Color

93.8860, 100.0280, 81.5000

Protanomaly

114.0350, 20.3960, 37.8680

Deuteranomaly

114.5800, 46.3020, 30.9260

Tritanomaly

101.5450, 107.2770, 54.7410

Monochromacy



Original Color

93.8860, 100.0280, 81.5000

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.9640, 36.3530, 29.5130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.8860, 100.0280, 81.5000 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(240, 14, 122)` looks like.

```
.text, #text, p{  
    color:rgb(240, 14, 122)  
}
```

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(240, 14, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 14, 122) }
```

Border

The CSS property to change the border of an element to YIQ 93.8860, 100.0280, 81.5000 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(240, 14, 122) }
```


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

```
.border{ border-color:rgb(240, 14, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 14, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 14, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 14, 122);  
box-shadow:4px 4px 4px 4px rgb(240, 14,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 93.8860, 100.0280, 81.5000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 14, 122) }
```

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

```
.background{ background-color: rgb(240, 14,  
122) }
```

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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