

Converting Colors

YIQ(93.7880, 86.2250, 94.8730)

Have a look what the booklet for
YIQ(93.7880, 86.2250, 94.8730)
contains.

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Color

**YIQ(93.7880, 86.2250,
94.8730)**

Conversions

Conversions Part 1

Format	Color
Hex	EB09A0
RGB	235, 9, 160
RGB Percent	92%, 4%, 63%
CMY	0.0778, 0.9649, 0.3723
CMYK	0.00, 0.96, 0.32, 0.08
HSL	320°, 93%, 48%
HSV	320°, 96%, 92%
XYZ	40.7610, 20.4230, 35.0777
YIQ	93.7880, 86.2250, 94.8730

Conversions

Conversions Part 2

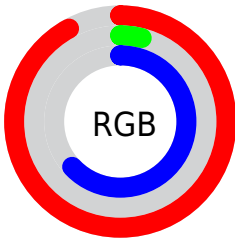
Format	Color
R_{YB}	235, 9, 160
Decimal	15403424
CIE _{Lab}	52.31, 82.61, -19.33
CIE _{LCh}	52, 84.837, 346.833
Yxy	20.4230, 0.4234, 0.2122
Android (android.graphics.Color)	4293593504 (0xFFEB09A0)
YUV	93.7880, 32.6425, 123.8429
Hunter-Lab	45.1918, 81.9134, -14.3864

Details

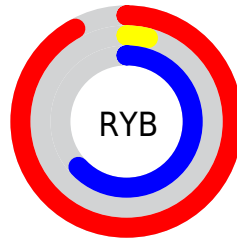
The YIQ color **93.7880, 86.2250, 94.8730** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **150.2120, -86.2250, -94.8730**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **158.8680, 55.7400, 69.1480**, and **64.3380, 69.0360, 70.4760** is the 20% darker color. If you saturate the color by 10%, you get **88.1630, 89.6630, 98.6470**, and if you desaturate by 10%, it is **108.2010, 77.3320, 85.3320**.

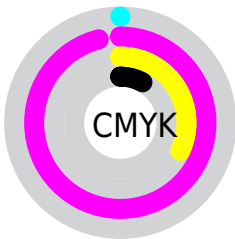
Distribution



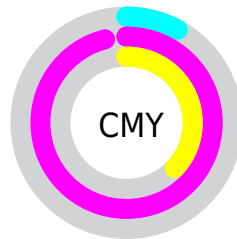
- Red (92%)
- Green (4%)
- Blue (63%)



- Red (92%)
- Yellow (4%)
- Blue (63%)



- Cyan (0%)
- Magenta (96%)
- Yellow (32%)
- Black (8%)





- Cyan (8%)
- Magenta (96%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 93.7880, 86.2250, 94.8730 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 93.7880, 86.2250, 94.8730 by changing the saturation by 10% instead.


 93.7880, 86.2250,
94.8730


 93.7880, 86.2250,
94.8730


255.0000, -0.0000,
-0.0000


 76.2720, 78.5700,
84.9220


 158.8680, 55.7400,
69.1480


 64.3380, 69.0360,
70.4760


 180.2570, 38.2270,
61.6430

 52.6320, 58.8600,
56.6520


 199.8220, 25.8500,
49.1620

 41.0400, 48.3630,
43.1390

 217.4320, 17.6000,
33.4720

 29.8610, 38.1410,
30.1490

 235.0420, 9.3500,
17.7820

 18.2690, 27.6440,
16.6360

 253.2390, 0.8250,

 4.7840, 9.5360,

1.5690

3.3920

■ 0.0000, 0.0000,
0.0000

■ 93.7880, 86.2250,
94.8730

■ 93.7880, 86.2250,
94.8730

■ 88.1630, 89.6630,
98.6470

■ 108.2010, 77.3320,
85.3320

■ 123.2010, 68.1640,
75.2680

■ 138.0870, 59.3170,
64.8930

■ 152.5000, 50.4240,
55.3520

■ 167.5000, 41.2560,
45.2880

■ 181.9130, 32.3630,
35.7470

■ 196.9130, 23.1950,
25.6830

■ 211.3260, 14.3020,
16.1420

■ 226.2120, 5.4550,
5.7670

Harmonies

Analogous

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



125.3480, 10.3500, 65.7580



93.7880, 86.2250, 94.8730



84.1840, 119.5600, 79.9440

Triad

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



93.7880, 86.2250, 94.8730



112.7440, 31.0940, -45.9140



116.1450, -116.2260, -8.1780

Complementary

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



93.7880, 86.2250, 94.8730



150.2120, -86.2250, -94.8730

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.



109.7950, -95.5900, -29.7500



93.7880, 86.2250, 94.8730



86.2890, -40.4250, -76.8810

Square

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



93.7880, 86.2250, 94.8730



117.7920, 75.8380, -19.7940



99.9570, -70.6440, -52.3400



113.0110, -121.1800, 4.5160

Rectangle

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



93.7880, 86.2250, 94.8730



105.6480, 113.5160, 35.2760



99.9570, -70.6440, -52.3400



114.4520, -110.0810, -14.9210

Sweetspot

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



93.7880, 86.2250, 94.8730



208.7120, 28.3750, 30.9270



56.2920, -29.6340, 85.5500



99.8750, 17.1900, 18.8700



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.



93.7880, 86.2250, 94.8730



95.6250, 97.4100, 106.9300



81.2480, 121.5350, 60.6630



110.0870, 4.3090, 4.5090



67.9130, 69.0350, 76.0030



20.2500, 20.6280, 22.6440

Inverse Universe

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



93.7880, 86.2250, 94.8730



95.6250, 97.4100, 106.9300



162.7520, -121.5350, -60.6630



110.0870, 4.3090, 4.5090



67.9130, 69.0350, 76.0030



20.2500, 20.6280, 22.6440

Previews

White Background



This preview shows how the YIQ color 93.7880, 86.2250, 94.8730 looks on a white background.

Color Contrast Check

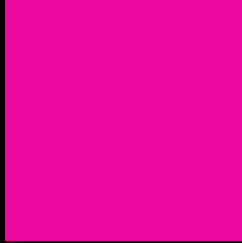
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.7880, 86.2250, 94.8730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

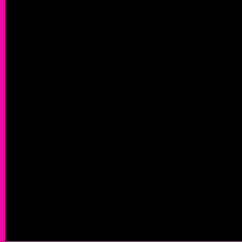
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 93.7880, 86.2250, 94.8730

Background



This preview shows how black text looks on a background with the YIQ color 93.7880, 86.2250, 94.8730.



This preview shows how white text looks on a background with the YIQ color 93.7880, 86.2250,

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

93.7880, 86.2250, 94.8730

Protanopia

120.6180, -62.3130, 22.4790

Deuteranopia

127.1600, -5.9620, 8.9340



Tritanopia

113.5630, 97.6980, 35.6020

Trichromacy



Original Color

93.7880, 86.2250, 94.8730



Protanomaly

111.0430, -8.4450, 48.4430



Deuteranomaly

115.2100, 27.2730, 39.8890



Tritanomaly

106.2970, 93.4760, 57.0600

Monochromacy



Original Color

93.7880, 86.2250, 94.8730



Achromatopsia

94.0000, 0.0000, 0.0000



Achromatomaly

93.7880, 31.2170, 34.4890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.7880, 86.2250, 94.8730 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(235, 9, 160)` looks like.

```
.text, #text, p{  
    color:rgb(235, 9, 160)  
}
```

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(235, 9, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 9, 160) }
```

Border

The CSS property to change the border of an element to YIQ 93.7880, 86.2250, 94.8730 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(235, 9, 160) }
```


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

```
.border{ border-color:rgb(235, 9, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 9, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 9, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 9, 160);  
box-shadow:4px 4px 4px 4px rgb(235, 9,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 93.7880, 86.2250, 94.8730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 9, 160) }
```

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

```
.background{ background-color: rgb(235, 9,  
160) }
```

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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