

Converting Colors

YIQ(94.4720, 84.2990, 96.7390)

Have a look what the booklet for
YIQ(94.4720, 84.2990, 96.7390)
contains.

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Color

**YIQ(94.4720, 84.2990,
96.7390)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | EB09A6 |
| RGB | 235, 9, 166 |
| RGB Percent | 92%, 4%, 65% |
| CMY | 0.0778, 0.9649, 0.3488 |
| CMYK | 0.00, 0.96, 0.29, 0.08 |
| HSL | 318°, 93%, 48% |
| HSV | 318°, 96%, 92% |
| XYZ | 41.2991, 20.6383, 37.9094 |
| YIQ | 94.4720, 84.2990, 96.7390 |

Conversions

Conversions Part 2

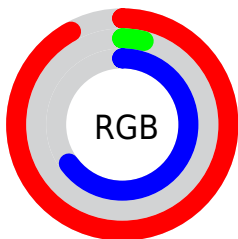
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 235, 9, 166 |
| Decimal | 15403430 |
| CIE _{Lab} | 52.55, 83.23, -22.51 |
| CIE _{LCh} | 53, 86.218, 344.867 |
| Yxy | 20.6383, 0.4136, 0.2067 |
| Android (android.graphics.Color) | 4293593510 (0xFFEB09A6) |
| YUV | 94.4720, 35.2633, 123.2431 |
| Hunter-Lab | 45.4293, 82.7700, -17.6751 |

Details

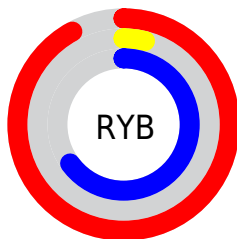
The YIQ color **94.4720, 84.2990, 96.7390** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **149.5280, -84.2990, -96.7390**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.5520, 53.8140, 71.0140**, and **65.0220, 67.1100, 72.3420** is the 20% darker color. If you saturate the color by 10%, you get **88.8470, 87.7370, 100.5130**, and if you desaturate by 10%, it is **108.7710, 75.7270, 86.8870**.

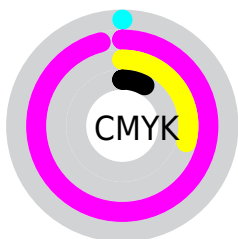
Distribution



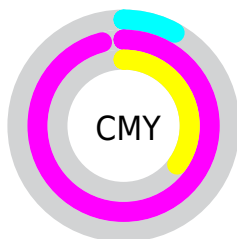
- Red (92%)
- Green (4%)
- Blue (65%)



- Red (92%)
- Yellow (4%)
- Blue (65%)



- Cyan (0%)
- Magenta (96%)
- Yellow (29%)
- Black (8%)





- Cyan (8%)
- Magenta (96%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 94.4720, 84.2990, 96.7390 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 94.4720, 84.2990, 96.7390 by changing the saturation by 10% instead.


 94.4720, 84.2990,
96.7390


 94.4720, 84.2990,
96.7390


255.0000, -0.0000,
-0.0000


 76.9560, 76.6440,
86.7880


 159.5520, 53.8140,
71.0140


 65.0220, 67.1100,
72.3420


 181.0550, 35.9800,
63.8200


 53.2020, 57.2550,
58.2070


 199.8220, 25.8500,
49.1620

 41.6100, 46.7580,
44.6940


 217.4320, 17.6000,
33.4720

 30.3170, 36.8570,
31.3930

 235.6290, 9.0750,
17.2590

 19.2520, 26.3140,
18.7140

 253.2390, 0.8250,

 5.6810, 11.3240,

1.5690

4.0280

■ 0.0000, 0.0000,
0.0000

■ 94.4720, 84.2990,
96.7390

■ 94.4720, 84.2990,
96.7390

■ 88.8470, 87.7370,
100.5130

■ 108.7710, 75.7270,
86.8870

■ 123.6570, 66.8800,
76.5120

■ 138.6570, 57.7120,
66.4480

■ 152.9560, 49.1400,
56.5960

■ 167.8420, 40.2930,
46.2210

■ 182.1410, 31.7210,
36.3690

■ 197.0270, 22.8740,
25.9940

■ 211.4400, 13.9810,
16.4530

■ 226.3260, 5.1340,
6.0780

Harmonies

Analogous

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



126.2980, 4.6190, 64.9950



94.4720, 84.2990, 96.7390



85.6510, 119.7430, 82.1350

Triad

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



94.4720, 84.2990, 96.7390



114.2390, 34.0740, -44.8540



116.6180, -116.1800, -9.0120

Complementary

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



94.4720, 84.2990, 96.7390



149.5280, -84.2990, -96.7390

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.



110.0400, -94.9020, -31.2060



94.4720, 84.2990, 96.7390



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.



94.4720, 84.2990, 96.7390



118.1130, 79.3680, -17.6880



99.9740, -69.3140, -54.4180



114.1850, -121.7300, 3.4700

Rectangle

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



94.4720, 84.2990, 96.7390



103.8920, 115.9450, 40.8170



99.9740, -69.3140, -54.4180



114.8110, -109.7140, -16.0660

Sweetspot

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



94.4720, 84.2990, 96.7390



208.9400, 27.7330, 31.5490



55.0960, -32.0180, 84.7020



99.9890, 16.8690, 19.1810



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.



94.4720, 84.2990, 96.7390



96.4230, 95.1630, 109.1070



81.7040, 120.2510, 61.9070



110.2010, 3.9880, 4.8200



68.4830, 67.4300, 77.5580



20.3640, 20.3070, 22.9550

Inverse Universe

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



94.4720, 84.2990, 96.7390



96.4230, 95.1630, 109.1070



162.2960, -120.2510, -61.9070



110.2010, 3.9880, 4.8200



68.4830, 67.4300, 77.5580



20.3640, 20.3070, 22.9550

Previews

White Background



This preview shows how the YIQ color 94.4720, 84.2990, 96.7390 looks on a white background.

Color Contrast Check

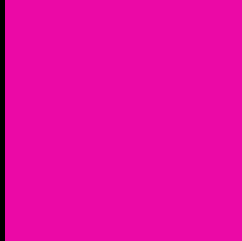
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.4720, 84.2990, 96.7390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

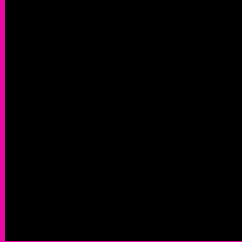
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 94.4720, 84.2990, 96.7390

Background



This preview shows how black text looks on a background with the YIQ color 94.4720, 84.2990, 96.7390.



This preview shows how white text looks on a background with the YIQ color 94.4720, 84.2990,

96.7390.

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

94.4720, 84.2990, 96.7390

Protanopia

119.1380, -69.6490, 23.2710

Deuteranopia

127.5340, -9.9510, 9.6410



Tritanopia

114.7800, 95.5890, 35.2770

Trichromacy



Original Color

94.4720, 84.2990, 96.7390



Protanomaly

110.4600, -13.9930, 49.8710



Deuteranomaly

115.2960, 24.1550, 41.3310



Tritanomaly

107.3400, 91.9170, 57.7810

Monochromacy



Original Color

94.4720, 84.2990, 96.7390



Achromatopsia

94.0000, 0.0000, 0.0000



Achromatomaly

94.0160, 30.5750, 35.1110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.4720, 84.2990, 96.7390 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(235, 9, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 9, 166) }
```

Border

The CSS property to change the border of an element to YIQ 94.4720, 84.2990, 96.7390 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, 166) }
```


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

```
.border{ border-color:rgb(235, 9, 166) }
```

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, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 9, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 9, 166);  
box-shadow:4px 4px 4px 4px rgb(235, 9,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 94.4720, 84.2990, 96.7390 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, 166) }
```

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

```
.background{ background-color: rgb(235, 9,  
166) }
```

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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