

Converting Colors

YIQ(99.9500, 93.9760, 81.0480)

Have a look what the booklet for
YIQ(99.9500, 93.9760, 81.0480)
contains.

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Color

**YIQ(99.9500, 93.9760,
81.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	F01686
RGB	240, 22, 134
RGB Percent	94%, 9%, 53%
CMY	0.0582, 0.9140, 0.4742
CMYK	0.00, 0.91, 0.44, 0.06
HSL	329°, 88%, 51%
HSV	329°, 91%, 94%
XYZ	40.5795, 20.8451, 24.4657
YIQ	99.9500, 93.9760, 81.0480

Conversions

Conversions Part 2

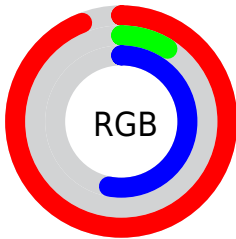
Format	Color
R_{YB}	240, 22, 134
Decimal	15734406
CIE _{Lab}	52.78, 80.03, -3.00
CIE _{LCh}	53, 80.088, 357.850
Yxy	20.8451, 0.4725, 0.2427
Android (android.graphics.Color)	4293924486 (0xFFFF01686)
YUV	99.9500, 16.7867, 122.8239
Hunter-Lab	45.6565, 78.7520, 0.1881

Details

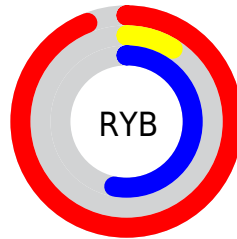
The YIQ color **99.9500, 93.9760, 81.0480** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **162.0500, -93.9760, -81.0480**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **157.4370, 63.9030, 58.8710**, and **62.9120, 78.8030, 64.1710** is the 20% darker color. If you saturate the color by 10%, you get **85.7820, 103.5570, 89.1330**, and if you desaturate by 10%, it is **115.4060, 83.5240, 72.2280**.

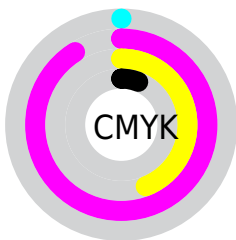
Distribution



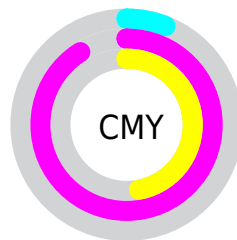
- Red (94%)
- Green (9%)
- Blue (53%)



- Red (94%)
- Yellow (9%)
- Blue (53%)



- Cyan (0%)
- Magenta (91%)
- Yellow (44%)
- Black (6%)





- Cyan (6%)
- Magenta (91%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 99.9500, 93.9760, 81.0480 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 99.9500, 93.9760, 81.0480 by changing the saturation by 10% instead.


 99.9500, 93.9760,
81.0480


 99.9500, 93.9760,
81.0480


255.0000, -0.0000,
-0.0000


 74.9170, 89.5750,
78.2070


 157.4370, 63.9030,
58.8710


 62.9120, 78.8030,
64.1710


 178.8260, 46.3900,
51.3660

 51.0210, 67.7100,
50.4460


 199.6280, 29.1520,
44.3840

 39.2440, 56.2960,
37.0320

 218.6060, 17.0500,
32.4260

 28.2930, 45.4320,
24.6640

 236.8030, 8.5250,
16.2130

 17.2710, 33.3300,
12.7060

254.4130, 0.2750,

 4.4850, 8.9400,

0.5230

3.1800

■ 0.0000, 0.0000,
0.0000

■ 99.9500, 93.9760,
81.0480

■ 99.9500, 93.9760,
81.0480

■ 85.7820, 103.5570,
89.1330

■ 115.4060, 83.5240,
72.2280

■ 130.7480, 73.3930,
63.0970

■ 146.2040, 62.9410,
54.2770

■ 161.6600, 52.4890,
45.4570

■ 177.0020, 42.3580,
36.3260

■ 192.4580, 31.9060,
27.5060

■ 207.9140, 21.4540,
18.6860

■ 223.2560, 11.3230,
9.5550

■ 238.7120, 0.8710,
0.7350

Harmonies

Analogous

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



122.8150, 36.8960, 69.2480



99.9500, 93.9760, 81.0480



107.2750, 107.7370, 46.4010

Triad

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



99.9500, 93.9760, 81.0480



108.7910, 14.5440, -54.3520



115.7520, -119.2530, -2.8770

Complementary

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



99.9500, 93.9760, 81.0480



162.0500, -93.9760, -81.0480

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.



112.5310, -103.2940, -22.2860



99.9500, 93.9760, 81.0480



93.0660, -55.3740, -64.7660

Square

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



99.9500, 93.9760, 81.0480



118.5570, 60.0220, -30.5220



103.9640, -80.5490, -43.5330



109.4890, -119.5300, 7.6540

Rectangle

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



99.9500, 93.9760, 81.0480



113.8030, 104.8090, 11.3450



103.9640, -80.5490, -43.5330



115.8030, -115.2630, -9.1110

Sweetspot

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



99.9500, 93.9760, 81.0480



210.7350, 29.5680, 25.8240



78.2470, -7.3980, 90.0580



101.6530, 17.6950, 15.2230



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.



99.9500, 93.9760, 81.0480



91.1790, 109.9290, 94.8010



87.6380, 128.6440, 47.4600



112.2720, 5.2260, 4.4100



65.7320, 79.4900, 68.2420



20.0500, 24.0670, 20.8910

Inverse Universe

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



99.9500, 93.9760, 81.0480



91.1790, 109.9290, 94.8010



174.4760, -128.9650, -47.1490



112.2720, 5.2260, 4.4100



65.7320, 79.4900, 68.2420



20.0500, 24.0670, 20.8910

Previews

White Background



This preview shows how the YIQ color 99.9500, 93.9760, 81.0480 looks on a white background.

Color Contrast Check

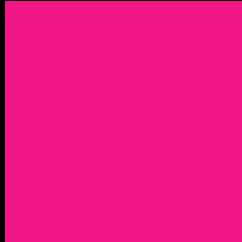
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.9500, 93.9760, 81.0480 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 99.9500, 93.9760, 81.0480

Background



This preview shows how black text looks on a background with the YIQ color 99.9500, 93.9760, 81.0480.



This preview shows how white text looks on a background with the YIQ color 99.9500, 93.9760,

81.0480.

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

99.9500, 93.9760, 81.0480

Protanopia

126.2450, -33.7020, 16.0740

Deuteranopia

128.1970, 9.8110, 3.9150



Tritanopia

109.9340, 106.9590, 38.4710

Trichromacy



Original Color

99.9500, 93.9760, 81.0480



Protanomaly

117.0820, 13.0140, 39.4940



Deuteranomaly

117.6980, 40.1580, 32.1420



Tritanomaly

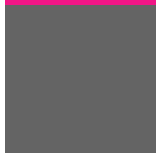
106.6800, 102.4630, 53.8790

Monochromacy



Original Color

99.9500, 93.9760, 81.0480



Achromatopsia

100.0000, -0.0000, -0.0000



Achromatomaly

100.1810, 34.2440, 29.1880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.9500, 93.9760, 81.0480 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, 22, 134)` looks like.

```
.text, #text, p{  
    color:rgb(240, 22, 134)  
}
```

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, 22, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 22, 134) }
```

Border

The CSS property to change the border of an element to YIQ 99.9500, 93.9760, 81.0480 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, 22, 134) }
```


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

```
.border{ border-color:rgb(240, 22, 134) }
```

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

Here you see how a box with a 4 pixel rgb(240, 22, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 22, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 22, 134);  
box-shadow:4px 4px 4px 4px rgb(240, 22,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 99.9500, 93.9760, 81.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 22, 134) }
```

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

```
.background{ background-color: rgb(240, 22,  
134) }
```

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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