

Converting Colors

YIQ(94.7010, 99.1110, 81.5990)

Have a look what the booklet for
YIQ(94.7010, 99.1110, 81.5990)
contains.

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Color

**YIQ(94.7010, 99.1110,
81.5990)**

Conversions

Conversions Part 1

Format	Color
Hex	F00F7C
RGB	240, 15, 124
RGB Percent	94%, 6%, 49%
CMY	0.0582, 0.9414, 0.5134
CMYK	0.00, 0.94, 0.48, 0.06
HSL	331°, 88%, 50%
HSV	331°, 94%, 94%
XYZ	39.8000, 20.3484, 20.9249
YIQ	94.7010, 99.1110, 81.5990

Conversions

Conversions Part 2

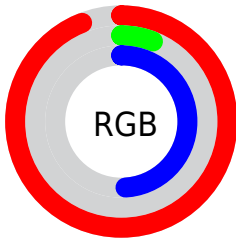
Format	Color
R_{YB}	240, 15, 124
Decimal	15732604
CIE _{Lab}	52.23, 79.98, 2.22
CIE _{LCh}	52, 80.010, 1.590
Yxy	20.3484, 0.4909, 0.2510
Android (android.graphics.Color)	4293922684 (0xFFFF00F7C)
YUV	94.7010, 14.4444, 127.4272
Hunter-Lab	45.1092, 78.5499, 4.0735

Details

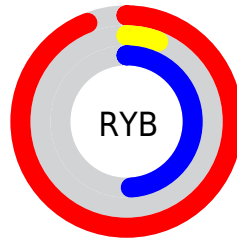
The YIQ color **94.7010, 99.1110, 81.5990** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **160.2990, -99.1110, -81.5990**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.4220, 68.2590, 57.0190**, and **61.5870, 81.0960, 61.1600** is the 20% darker color. If you saturate the color by 10%, you get **84.9840, 105.8040, 86.9560**, and if you desaturate by 10%, it is **110.1570, 88.6590, 72.7790**.

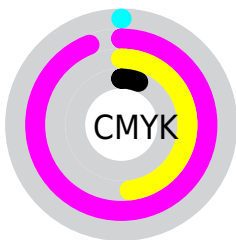
Distribution



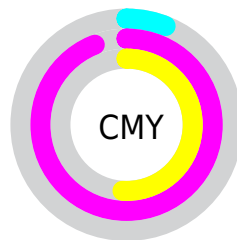
- Red (94%)
- Green (6%)
- Blue (49%)



- Red (94%)
- Yellow (6%)
- Blue (49%)



- Cyan (0%)
- Magenta (94%)
- Yellow (48%)
- Black (6%)





- Cyan (6%)
- Magenta (94%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.7010, 99.1110, 81.5990 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 94.7010, 99.1110, 81.5990 by changing the saturation by 10% instead.


 94.7010, 99.1110,
81.5990

 94.7010, 99.1110,
81.5990


255.0000, -0.0000,
-0.0000


 73.7770, 92.7850,
75.0970

 154.4220, 68.2590,
57.0190


 61.5870, 81.0960,
61.1600


 176.3980, 50.4710,
48.9910

 49.6960, 70.0030,
47.4350


 197.2000, 33.2330,
42.0090

 38.4460, 58.5430,
34.8550

 217.4320, 17.6000,
33.4720

 26.6260, 48.6880,
20.7200

 235.6290, 9.0750,
17.2590

 16.6730, 32.1380,
12.2820

 253.2390, 0.8250,

 2.6910, 5.3640,

1.5690

1.9080

■ 0.0000, 0.0000,
0.0000

■ 94.7010, 99.1110,
81.5990

■ 94.7010, 99.1110,
81.5990

■ 84.9840, 105.8040,
86.9560

■ 110.1570, 88.6590,
72.7790

■ 125.7270, 77.8860,
64.2700

■ 141.1830, 67.4340,
55.4500

■ 156.7530, 56.6610,
46.9410

■ 172.2090, 46.2090,
38.1210

■ 187.6650, 35.7570,
29.3010

■ 203.2350, 24.9840,
20.7920

■ 218.6910, 14.5320,
11.9720

■ 234.1470, 4.0800,
3.1520

Harmonies

Analogous

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



119.4740, 45.2860, 71.3820



94.7010, 99.1110, 81.5990



107.2870, 107.4630, 40.3510

Triad

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



94.7010, 99.1110, 81.5990



105.2030, 7.3920, -56.8960



114.9200, -119.6660, -0.8980

Complementary

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



94.7010, 99.1110, 81.5990



160.2990, -99.1110, -81.5990

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.



112.0410, -104.6700, -19.3740



94.7010, 99.1110, 81.5990



93.5050, -57.9880, -61.4440

Square

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



94.7010, 99.1110, 81.5990



116.4530, 54.3830, -32.9530



104.1750, -82.5210, -40.8330



107.1410, -118.4300, 9.7460

Rectangle

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



94.7010, 99.1110, 81.5990



111.8320, 105.8650, 3.2170



104.1750, -82.5210, -40.8330



115.0850, -115.9970, -6.8210

Sweetspot

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



94.7010, 99.1110, 81.5990



209.1050, 31.4020, 25.6260



74.4370, -4.8770, 93.9310



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.



94.7010, 99.1110, 81.5990



90.3810, 112.1760, 92.6240



82.2750, 134.1000, 47.7000



112.2720, 5.2260, 4.4100



65.1620, 81.0950, 66.6870



19.8220, 24.7090, 20.2690

Inverse Universe

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



94.7010, 99.1110, 81.5990



90.3810, 112.1760, 92.6240



172.7250, -134.1000, -47.7000



112.2720, 5.2260, 4.4100



65.1620, 81.0950, 66.6870



19.8220, 24.7090, 20.2690

Previews

White Background



This preview shows how the YIQ color 94.7010, 99.1110, 81.5990 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 94.7010, 99.1110, 81.5990 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 94.7010, 99.1110, 81.5990

Background



This preview shows how black text looks on a background with the YIQ color 94.7010, 99.1110, 81.5990.



This preview shows how white text looks on a background with the YIQ color 94.7010, 99.1110,

81.5990.

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

94.7010, 99.1110, 81.5990

Protanopia

125.6710, -26.2740, 13.6140

Deuteranopia

126.4810, 14.7630, 2.2750



Tritanopia

106.6140, 110.8560, 39.4320

Trichromacy



Original Color

94.7010, 99.1110, 81.5990

Protanomaly

114.2630, 19.7540, 38.4900

Deuteranomaly

114.8080, 45.6600, 31.5480

Tritanomaly

102.3600, 106.3600, 54.8400

Monochromacy



Original Color

94.7010, 99.1110, 81.5990

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.0780, 36.0320, 29.8240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.7010, 99.1110, 81.5990 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, 15, 124)` looks like.

```
.text, #text, p{  
    color:rgb(240, 15, 124)  
}
```

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, 15, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 15, 124) }
```

Border

The CSS property to change the border of an element to YIQ 94.7010, 99.1110, 81.5990 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, 15, 124) }
```


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

```
.border{ border-color:rgb(240, 15, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 15, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 15, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 15, 124);  
box-shadow:4px 4px 4px 4px rgb(240, 15,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 94.7010, 99.1110, 81.5990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 15, 124) }
```

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

```
.background{ background-color: rgb(240, 15,  
124) }
```

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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