

Converting Colors

YIQ(90.8340, 97.7790, 94.7310)

Have a look what the booklet for
YIQ(90.8340, 97.7790, 94.7310)
contains.

YIQ(90.8340, 97.7790, 94.7310)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(90.8340, 97.7790,
94.7310)**

Conversions

Conversions Part 1

Format	Color
Hex	F30390
RGB	243, 3, 144
RGB Percent	95%, 1%, 56%
CMY	0.0464, 0.9884, 0.4350
CMYK	0.00, 0.99, 0.41, 0.05
HSL	325°, 98%, 48%
HSV	325°, 99%, 95%
XYZ	42.0911, 21.1633, 28.2805
YIQ	90.8340, 97.7790, 94.7310

Conversions

Conversions Part 2

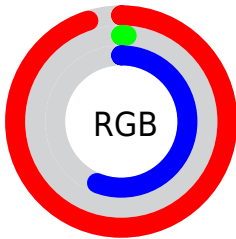
Format	Color
RYB	243, 3, 144
Decimal	15926160
CIELab	53.13, 83.15, -8.42
CIELCh	53, 83.574, 354.217
Yxy	21.1633, 0.4598, 0.2312
Android (android.graphics.Color)	4294116240 (0xFFFF30390)
YUV	90.8340, 26.2108, 133.4496
Hunter-Lab	46.0036, 82.8126, -4.2458

Details

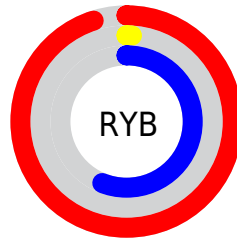
The YIQ color **90.8340, 97.7790, 94.7310** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **155.1660, -97.7790, -94.7310**, and the grayscale version is **91.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **156.3430, 61.4720, 64.3840**, and **64.8350, 77.7020, 67.6060** is the 20% darker color. If you saturate the color by 10%, you get **88.9590, 98.9250, 95.9890**, and if you desaturate by 10%, it is **106.0620, 87.9690, 85.2890**.

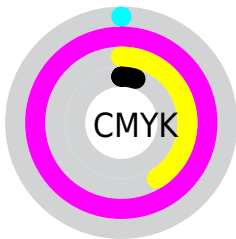
Distribution



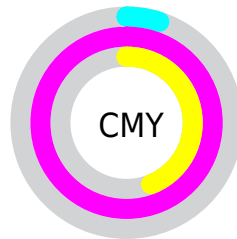
- Red (95%)
- Green (1%)
- Blue (56%)



- Red (95%)
- Yellow (1%)
- Blue (56%)



- Cyan (0%)
- Magenta (99%)
- Yellow (41%)
- Black (5%)





- Cyan (5%)
- Magenta (99%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 90.8340, 97.7790, 94.7310 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 90.8340, 97.7790, 94.7310 by changing the saturation by 10% instead.


 90.8340, 97.7790,
94.7310


 90.8340, 97.7790,
94.7310


255.0000, -0.0000,
-0.0000


 76.8400, 88.4740,
81.6420


 156.3430, 61.4720,
64.3840


 64.8350, 77.7020,
67.6060


 178.3190, 43.6840,
56.3560


 52.8300, 66.9300,
53.5700


 199.7080, 26.1710,
48.8510

 41.0530, 55.5160,
40.1560

 217.4320, 17.6000,
33.4720

 30.1020, 44.6520,
27.7880

 235.6290, 9.0750,
17.2590

 18.2820, 34.7970,
13.6530

 253.2390, 0.8250,

 6.5780, 13.1120,

1.5690

4.6640

■ 0.0000, 0.0000,
0.0000

■ 90.8340, 97.7790,
94.7310

■ 90.8340, 97.7790,
94.7310

■ 88.9590, 98.9250,
95.9890

■ 106.0620, 87.9690,
85.2890

■ 121.8770, 77.8840,
75.3240

■ 137.1050, 68.0740,
65.8820

■ 152.3330, 58.2640,
56.4400

■ 168.1480, 48.1790,
46.4750

■ 183.3760, 38.3690,
37.0330

■ 198.6040, 28.5590,
27.5910

■ 213.8320, 18.7490,
18.1490

■ 229.6470, 8.6640,
8.1840

Harmonies

Analogous

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



124.7480, 29.8350, 70.5630



90.8340, 97.7790, 94.7310



100.6600, 114.3830, 58.1190

Triad

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



90.8340, 97.7790, 94.7310



111.4820, 19.9080, -52.4440



117.6270, -120.3990, -4.1350

Complementary

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



90.8340, 97.7790, 94.7310



155.1660, -97.7790, -94.7310

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.



113.1350, -102.2390, -24.8870



90.8340, 97.7790, 94.7310



91.9430, -50.8340, -69.9540

Square

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



90.8340, 97.7790, 94.7310



119.4870, 66.2110, -27.0450



104.1120, -78.2100, -47.3780



111.8370, -120.6300, 5.5620

Rectangle

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



90.8340, 97.7790, 94.7310



112.4820, 110.4470, 19.3030



104.1120, -78.2100, -47.3780



116.8630, -115.4920, -10.4680

Sweetspot

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



90.8340, 97.7790, 94.7310



206.7400, 31.1720, 29.7960



59.0640, -19.8240, 94.9920



98.8320, 18.7490, 18.1490



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.



90.8340, 97.7790, 94.7310



93.3450, 103.8300, 100.7100



77.4960, 135.3360, 58.3440



114.3860, 4.9050, 4.7210



68.0400, 75.8670, 73.3310



21.5170, 24.2500, 23.0820

Inverse Universe

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



90.8340, 97.7790, 94.7310



93.3450, 103.8300, 100.7100



168.5040, -135.3360, -58.3440



114.3860, 4.9050, 4.7210



68.0400, 75.8670, 73.3310



21.5170, 24.2500, 23.0820

Previews

White Background



This preview shows how the YIQ color 90.8340, 97.7790, 94.7310 looks on a white background.

Color Contrast Check

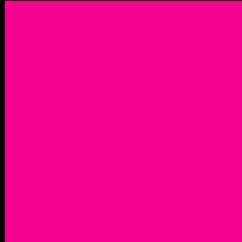
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.8340, 97.7790, 94.7310 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 90.8340, 97.7790, 94.7310

Background



This preview shows how black text looks on a background with the YIQ color 90.8340, 97.7790, 94.7310.



This preview shows how white text looks on a background with the YIQ color 90.8340, 97.7790,

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

90.8340, 97.7790, 94.7310

Protanopia

126.5630, -43.2850, 19.0430

Deuteranopia

129.3260, 5.1340, 6.0780



Tritanopia

111.3470, 107.2340, 38.9940

Trichromacy



Original Color

90.8340, 97.7790, 94.7310



Protanomaly

113.3730, 8.0610, 46.6610



Deuteranomaly

115.3160, 38.5980, 38.3900



Tritanomaly

103.7390, 103.9750, 59.5190

Monochromacy



Original Color

90.8340, 97.7790, 94.7310



Achromatopsia

91.0000, -0.0000, -0.0000



Achromatomaly

90.8270, 35.4810, 34.3050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.8340, 97.7790, 94.7310 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(243, 3, 144)` looks like.

```
.text, #text, p{  
    color:rgb(243, 3, 144)  
}
```

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(243, 3, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 3, 144) }
```

Border

The CSS property to change the border of an element to YIQ 90.8340, 97.7790, 94.7310 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(243, 3, 144) }
```


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

```
.border{ border-color:rgb(243, 3, 144) }
```

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

Here you see how a box with a 4 pixel rgb(243, 3, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 3, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 3, 144);  
box-shadow:4px 4px 4px 4px rgb(243, 3,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 90.8340, 97.7790, 94.7310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 3, 144) }
```

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

```
.background{ background-color: rgb(243, 3,  
144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor