

Converting Colors

YIQ(90.3960, 107.8200, 94.4760)

Have a look what the booklet for
YIQ(90.3960, 107.8200, 94.4760)
contains.

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Color

**YIQ(90.3960, 107.8200,
94.4760)**

Conversions

Conversions Part 1

Format	Color
Hex	FC0084
RGB	252, 0, 132
RGB Percent	99%, 0%, 52%
CMY	0.0111, 0.9998, 0.4820
CMYK	0.00, 1.00, 0.48, 0.01
HSL	329°, 100%, 49%
HSV	329°, 100%, 99%
XYZ	44.3784, 22.3961, 23.8435
YIQ	90.3960, 107.8200, 94.4760

Conversions

Conversions Part 2

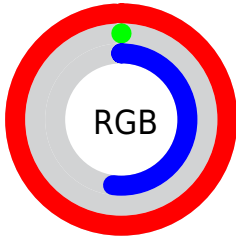
Format	Color
RYB	252, 0, 132
Decimal	16515204
CIELab	54.44, 84.25, 0.91
CIElCh	54, 84.259, 0.617
Yxy	22.3961, 0.4897, 0.2471
Android (android.graphics.Color)	4294705284 (0xFFFC0084)
YUV	90.3960, 20.5108, 141.7267
Hunter-Lab	47.3246, 84.5697, 3.2552

Details

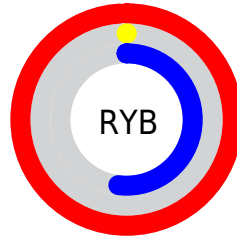
The YIQ color **90.3960, 107.8200, 94.4760** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **161.6040, -107.8200, -94.4760**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **155.4480, 65.3700, 59.8180**, and **65.9730, 86.0010, 65.8810** is the 20% darker color. If you saturate the color by 10%, you get **90.3960, 107.8200, 94.4760**, and if you desaturate by 10%, it is **106.4390, 97.0930, 85.1330**.

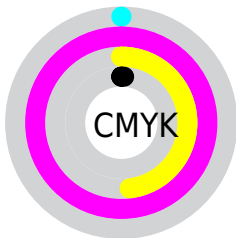
Distribution



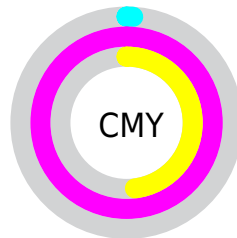
- Red (99%)
- Green (0%)
- Blue (52%)



- Red (99%)
- Yellow (0%)
- Blue (52%)



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (1%)





- Cyan (1%)
- Magenta (100%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 90.3960, 107.8200, 94.4760 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 90.3960, 107.8200, 94.4760 by changing the saturation by 10% instead.


 90.3960, 107.8200,
94.4760


 90.3960, 107.8200,
94.4760


255.0000, -0.0000,
-0.0000


 77.9780, 96.7730,
79.9170


 155.4480, 65.3700,
59.8180


 65.9730, 86.0010,
65.8810


 177.3100, 47.9030,
51.4790


 53.7830, 74.3120,
51.9440


 198.8130, 30.0690,
44.2850

 42.1200, 62.5770,
38.8410

 218.6060, 17.0500,
32.4260

 30.7560, 51.4380,
25.9500

 236.2160, 8.8000,
16.7360

 19.7770, 37.7770,
14.7130

254.4130, 0.2750,

 9.3830, 18.1550,

0.5230

6.8830

■ 0.0000, 0.0000,
0.0000

■ 90.3960, 107.8200,
94.4760

■ 106.4390, 97.0930,
85.1330

■ 122.4820, 86.3660,
75.7900

■ 139.1120, 75.3640,
65.9240

■ 155.1550, 64.6370,
56.5810

■ 171.1980, 53.9100,
47.2380

■ 187.2410, 43.1830,
37.8950

■ 203.8710, 32.1810,
28.0290

■ 219.9140, 21.4540,
18.6860

■ 235.9570, 10.7270,
9.3430

Harmonies

Analogous

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



124.7070, 46.2480, 75.9760



90.3960, 107.8200, 94.4760



109.5700, 114.1560, 45.7080

Triad

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



90.3960, 107.8200, 94.4760



110.8070, 8.4470, -59.4970



120.0550, -124.4800, -1.7600

Complementary

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



90.3960, 107.8200, 94.4760



161.6040, -107.8200, -94.4760

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.



117.6490, -109.4380, -21.0700



90.3960, 107.8200, 94.4760



97.3860, -59.2710, -65.7270

Square

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



90.3960, 107.8200, 94.4760



122.0790, 58.3720, -33.6600



108.7400, -85.7300, -43.2500



111.2500, -120.3550, 6.0850

Rectangle

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



90.3960, 107.8200, 94.4760



116.5940, 112.4670, 4.7150



108.7400, -85.7300, -43.2500



120.4480, -121.4530, -7.0610

Sweetspot

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



90.3960, 107.8200, 94.4760



206.2840, 32.4560, 28.5520



64.0100, -10.5640, 103.3880



98.4900, 19.7120, 17.2160



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.



90.3960, 107.8200, 94.4760



91.5210, 108.9660, 95.7340



76.2600, 147.6240, 55.9120



116.6850, 5.5010, 4.9330



67.7970, 80.8650, 70.8570



21.8870, 26.0840, 22.8840

Inverse Universe

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



90.3960, 107.8200, 94.4760



91.5210, 108.9660, 95.7340



175.7400, -147.6240, -55.9120



116.6850, 5.5010, 4.9330



67.7970, 80.8650, 70.8570



21.8870, 26.0840, 22.8840

Previews

White Background



This preview shows how the YIQ color 90.3960, 107.8200, 94.4760 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 90.3960, 107.8200, 94.4760 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 90.3960, 107.8200, 94.4760

Background



This preview shows how black text looks on a background with the YIQ color 90.3960, 107.8200, 94.4760.



This preview shows how white text looks on a background with the YIQ color 90.3960, 107.8200, 94.4760.

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

90.3960, 107.8200, 94.4760

Protanopia

131.5720, -30.3090, 15.1550

Deuteranopia

132.5950, 14.4420, 2.5860



Tritanopia

110.7180, 116.4950, 41.8630

Trichromacy



Original Color

90.3960, 107.8200, 94.4760



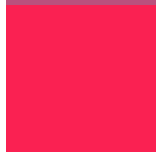
Protanomaly

116.8380, 19.7530, 44.0170



Deuteranomaly

117.4110, 48.4560, 35.9440



Tritanomaly

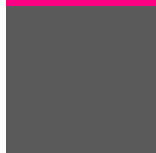
103.4690, 113.6030, 61.2430

Monochromacy



Original Color

90.3960, 107.8200, 94.4760



Achromatopsia

90.0000, -0.0000, -0.0000



Achromatomaly

89.9800, 39.4240, 34.4320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.3960, 107.8200, 94.4760 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(252, 0, 132)` looks like.

```
.text, #text, p{  
    color:rgb(252, 0, 132)  
}
```

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(252, 0, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 0, 132) }
```

Border

The CSS property to change the border of an element to YIQ 90.3960, 107.8200, 94.4760 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(252, 0, 132) }
```


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

```
.border{ border-color:rgb(252, 0, 132) }
```

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

Here you see how a box with a 4 pixel rgb(252, 0, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 0, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 0, 132);  
box-shadow:4px 4px 4px 4px rgb(252, 0,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 90.3960, 107.8200, 94.4760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 0, 132) }
```

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

```
.background{ background-color: rgb(252, 0,  
132) }
```

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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