

Converting Colors

YIQ(94.3860, 96.5850, 105.3610)

Have a look what the booklet for
YIQ(94.3860, 96.5850, 105.3610)
contains.

YIQ(94.3860, 96.5850, 105.3610)	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(94.3860, 96.5850,
105.3610)**

Conversions

Conversions Part 1

Format	Color
Hex	FC00A7
RGB	252, 0, 167
RGB Percent	99%, 0%, 65%
CMY	0.0111, 0.9998, 0.3448
CMYK	0.00, 1.00, 0.34, 0.01
HSL	320°, 100%, 49%
HSV	320°, 100%, 99%
XYZ	47.1909, 23.5214, 38.6435
YIQ	94.3860, 96.5850, 105.3610

Conversions

Conversions Part 2

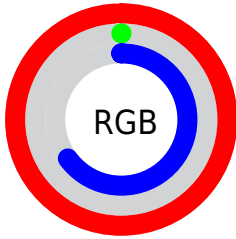
Format	Color
R_{YB}	252, 0, 167
Decimal	16515239
CIE _{Lab}	55.61, 87.28, -18.14
CIE _{LCh}	56, 89.145, 348.256
Yxy	23.5214, 0.4315, 0.2151
Android (android.graphics.Color)	4294705319 (0xFFFC00A7)
YUV	94.3860, 35.7987, 138.2275
Hunter-Lab	48.4988, 88.8133, -13.2926

Details

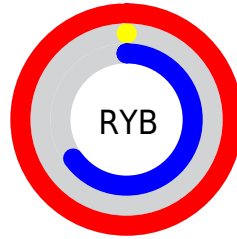
The YIQ color **94.3860, 96.5850, 105.3610** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **157.6140, -96.5850, -105.3610**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.8400, 52.9430, 70.2790**, and **69.9200, 76.3250, 76.0450** is the 20% darker color. If you saturate the color by 10%, you get **94.3860, 96.5850, 105.3610**, and if you desaturate by 10%, it is **110.0870, 86.8210, 95.0850**.

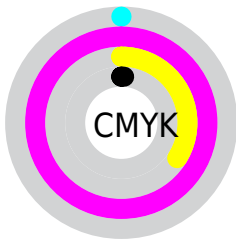
Distribution



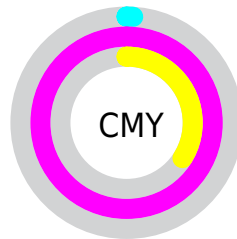
- Red (99%)
- Green (0%)
- Blue (65%)



- Red (99%)
- Yellow (0%)
- Blue (65%)



- Cyan (0%)
- Magenta (100%)
- Yellow (34%)
- Black (1%)



- Cyan (1%)
- Magenta (100%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.3860, 96.5850, 105.3610 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 94.3860, 96.5850, 105.3610 by changing the saturation by 10% instead.

94.3860, 96.5850,
105.3610

94.3860, 96.5850,
105.3610

255.0000, -0.0000,
-0.0000

82.1530, 86.4550,
90.7030

160.8400, 52.9430,
70.2790

69.9200, 76.3250,
76.0450

182.9300, 34.8340,
62.5620

57.8010, 65.8740,
61.6980

201.5830, 25.0250,
47.5930

46.2090, 55.3770,
48.1850

219.7800, 16.5000,
31.3800

34.6170, 44.8800,
34.6720

237.3900, 8.2500,
15.6900

23.3670, 33.4200,
22.0920

11.7750, 22.9230,

8.5790

■ 0.0000, 0.0000,
0.0000

■ 94.3860, 96.5850,
105.3610

■ 110.0870, 86.8210,
95.0850

■ 125.6740, 77.3780,
84.4980

■ 141.9620, 67.3390,
73.6990

■ 157.5490, 57.8960,
63.1120

■ 173.2500, 48.1320,
52.8360

■ 188.8370, 38.6890,
42.2490

■ 205.1250, 28.6500,
31.4500

■ 220.7120, 19.2070,
20.8630

■ 236.4130, 9.4430,
10.5870

Harmonies

Analogous

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



133.2610, 15.2090, 71.3130



94.3860, 96.5850, 105.3610



86.5050, 123.0900, 82.0500

Triad

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



94.3860, 96.5850, 105.3610



119.8100, 30.7280, -50.2960



124.0670, -124.7540, -7.8100

Complementary

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



94.3860, 96.5850, 105.3610



157.6140, -96.5850, -105.3610

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.



117.3750, -103.1550, -30.3150



94.3860, 96.5850, 105.3610



92.1590, -43.1750, -82.1110

Square

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



94.3860, 96.5850, 105.3610



125.7660, 78.7270, -22.5930



106.9670, -76.6040, -54.4600



118.2940, -123.6550, -0.1910

Rectangle

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



94.3860, 96.5850, 105.3610



113.9430, 119.9350, 34.5830



106.9670, -76.6040, -54.4600



122.2600, -118.2880, -14.8640

Sweetspot

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



94.3860, 96.5850, 105.3610



207.4240, 29.2460, 31.6620



53.8440, -30.8280, 96.1800



99.1740, 17.7860, 19.0820



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.



94.3860, 96.5850, 105.3610



95.5110, 97.7310, 106.6190



80.1360, 136.7100, 66.4860



116.9130, 4.8590, 5.5550



70.7610, 72.5190, 78.9430



22.9130, 23.1950, 25.6830

Inverse Universe

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



94.3860, 96.5850, 105.3610



95.5110, 97.7310, 106.6190



171.8640, -136.7100, -66.4860



116.9130, 4.8590, 5.5550



70.7610, 72.5190, 78.9430



22.9130, 23.1950, 25.6830

Previews

White Background



This preview shows how the YIQ color 94.3860, 96.5850, 105.3610 looks on a white background.

Color Contrast Check

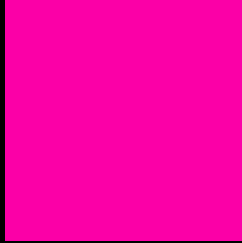
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.3860, 96.5850, 105.3610 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 94.3860, 96.5850, 105.3610

Background



This preview shows how black text looks on a background with the YIQ color 94.3860, 96.5850, 105.3610.



This preview shows how white text looks on a background with the YIQ color 94.3860, 96.5850,

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

94.3860, 96.5850, 105.3610

Protanopia

129.2590, -62.6800, 23.6240

Deuteranopia

135.6440, -4.4490, 9.0470



Tritanopia

120.1620, 106.3170, 39.0930

Trichromacy



Original Color

94.3860, 96.5850, 105.3610



Protanomaly

116.3580, -4.7780, 53.5740



Deuteranomaly

120.4820, 32.4990, 44.2990



Tritanomaly

110.7760, 102.5530, 63.2650

Monochromacy



Original Color

94.3860, 96.5850, 105.3610



Achromatopsia

94.0000, 0.0000, 0.0000



Achromatomaly

94.4620, 35.2510, 38.4750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.3860, 96.5850, 105.3610 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(252, 0, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 0, 167) }
```

Border

The CSS property to change the border of an element to YIQ 94.3860, 96.5850, 105.3610 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, 167) }
```


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

```
.border{ border-color:rgb(252, 0, 167) }
```

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, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 0, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 0, 167);  
box-shadow:4px 4px 4px 4px rgb(252, 0,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 94.3860, 96.5850, 105.3610 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, 167) }
```

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

```
.background{ background-color: rgb(252, 0,  
167) }
```

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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