

Converting Colors

YIQ(92.5700, 107.2700, 93.4300)

Have a look what the booklet for
YIQ(92.5700, 107.2700, 93.4300)
contains.

YIQ(92.5700, 107.2700, 93.4300)	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(92.5700, 107.2700,
93.4300)**

Conversions

Conversions Part 1

Format	Color
Hex	FD0385
RGB	253, 3, 133
RGB Percent	99%, 1%, 52%
CMY	0.0072, 0.9884, 0.4781
CMYK	0.00, 0.99, 0.47, 0.01
HSL	329°, 99%, 50%
HSV	329°, 99%, 99%
XYZ	44.8416, 22.6736, 24.2334
YIQ	92.5700, 107.2700, 93.4300

Conversions

Conversions Part 2

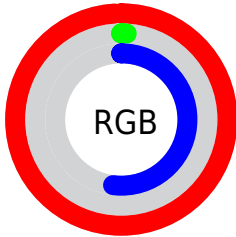
Format	Color
RYB	253, 3, 133
Decimal	16581509
CIELab	54.73, 84.35, 0.75
CIElCh	55, 84.353, 0.511
Yxy	22.6736, 0.4887, 0.2471
Android (android.graphics.Color)	4294771589 (0xFFFD0385)
YUV	92.5700, 19.9320, 140.6971
Hunter-Lab	47.6168, 84.7671, 3.1576

Details

The YIQ color **92.5700, 107.2700, 93.4300** 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 **163.4300, -107.2700, -93.4300**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **156.1490, 64.7740, 59.6060**, and **66.0870, 85.6800, 66.1920** is the 20% darker color. If you saturate the color by 10%, you get **90.6950, 108.4160, 94.6880**, and if you desaturate by 10%, it is **108.6130, 96.5430, 84.0870**.

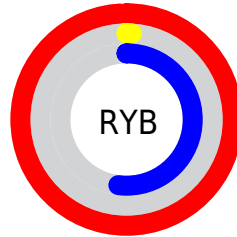
Distribution



Red (99%)

Green (1%)

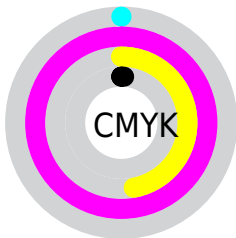
Blue (52%)



Red (99%)

Yellow (1%)

Blue (52%)

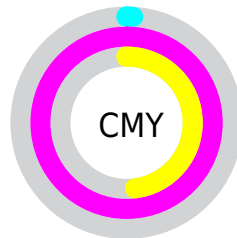


Cyan (0%)

Magenta (99%)

Yellow (47%)

Black (1%)



Cyan (1%)


Magenta (99%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 92.5700, 107.2700, 93.4300 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 92.5700, 107.2700, 93.4300 by changing the saturation by 10% instead.


 92.5700, 107.2700,
93.4300


 92.5700, 107.2700,
93.4300


255.0000, -0.0000,
-0.0000


 78.3910, 97.0480,
80.4400


 156.1490, 64.7740,
59.6060


 66.3860, 86.2760,
66.4040


 178.1250, 46.9860,
51.5780

 54.1960, 74.5870,
52.4670


 199.5140, 29.4730,
44.0730

 42.5330, 62.8520,
39.3640

 218.6060, 17.0500,
32.4260

 31.1690, 51.7130,
26.4730

 236.8030, 8.5250,
16.2130

 20.0760, 38.3730,
14.9250

 9.6820, 18.7510,

7.0950

■ 0.0000, 0.0000,
0.0000

■ 92.5700, 107.2700,
93.4300

■ 92.5700, 107.2700,
93.4300

■ 90.6950, 108.4160,
94.6880

■ 108.6130, 96.5430,
84.0870

■ 125.2430, 85.5410,
74.2210

■ 141.4000, 74.4930,
65.1890

■ 157.4430, 63.7660,
55.8460

■ 174.0730, 52.7640,
45.9800

■ 190.1160, 42.0370,
36.6370

■ 206.1590, 31.3100,
27.2940

■ 222.2020, 20.5830,
17.9510

■ 238.8320, 9.5810,
8.0850

Harmonies

Analogous

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



125.4080, 45.6520, 75.7640



92.5700, 107.2700, 93.4300



110.8690, 114.7520, 45.9200

Triad

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



92.5700, 107.2700, 93.4300



111.1060, 9.0430, -59.2850



120.6420, -124.7550, -2.2830

Complementary

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



92.5700, 107.2700, 93.4300



163.4300, -107.2700, -93.4300

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.



117.7630, -109.7590, -20.7590



92.5700, 107.2700, 93.4300



98.0870, -59.8670, -65.9390

Square

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



92.5700, 107.2700, 93.4300



122.9650, 58.6930, -33.9710



109.3270, -86.0050, -43.7730



111.8370, -120.6300, 5.5620

Rectangle

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



92.5700, 107.2700, 93.4300



116.8930, 113.0630, 4.9270



109.3270, -86.0050, -43.7730



121.1490, -122.0490, -7.2730

Sweetspot

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



92.5700, 107.2700, 93.4300



206.1700, 32.7770, 28.2410



66.4830, -10.5180, 102.5540



98.3760, 20.0330, 16.9050



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.



92.5700, 107.2700, 93.4300



91.4070, 109.2870, 95.4230



78.6620, 146.4320, 55.4880



119.5710, 5.8220, 4.6220



68.3950, 82.0570, 71.2810



22.8980, 27.5510, 23.8310

Inverse Universe

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



92.5700, 107.2700, 93.4300



91.4070, 109.2870, 95.4230



177.3380, -146.4320, -55.4880



119.5710, 5.8220, 4.6220



68.3950, 82.0570, 71.2810



22.8980, 27.5510, 23.8310

Previews

White Background



This preview shows how the YIQ color 92.5700, 107.2700, 93.4300 looks on a white background.

Color Contrast Check

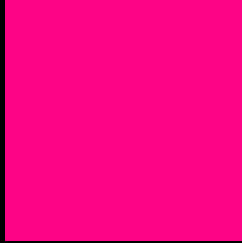
Large Text (above 18pt) WCAG AA ✓ Pass

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 92.5700, 107.2700, 93.4300 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 92.5700, 107.2700, 93.4300

Background



This preview shows how black text looks on a background with the YIQ color 92.5700, 107.2700, 93.4300.



This preview shows how white text looks on a background with the YIQ color 92.5700, 107.2700,

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

92.5700, 107.2700, 93.4300

Protanopia

131.6860, -30.6300, 15.4660

Deuteranopia

133.2960, 13.8460, 2.3740



Tritanopia

111.6040, 116.8160, 41.5520

Trichromacy



Original Color

92.5700, 107.2700, 93.4300



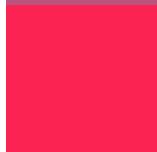
Protanomaly

117.5390, 19.1570, 43.8050



Deuteranomaly

118.6990, 47.5850, 35.2090



Tritanomaly

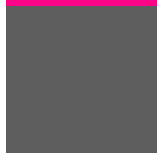
104.9420, 113.6490, 60.4090

Monochromacy



Original Color

92.5700, 107.2700, 93.4300



Achromatopsia

93.0000, -0.0000, -0.0000



Achromatomaly

92.6810, 38.8280, 34.2200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.5700, 107.2700, 93.4300 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(253, 3, 133)` looks like.

```
.text, #text, p{  
    color:rgb(253, 3, 133)  
}
```

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(253, 3, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 3, 133) }
```

Border

The CSS property to change the border of an element to YIQ 92.5700, 107.2700, 93.4300 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(253, 3, 133) }
```


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

```
.border{ border-color:rgb(253, 3, 133) }
```

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

Here you see how a box with a 4 pixel rgb(253, 3, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 3, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 3, 133);  
box-shadow:4px 4px 4px 4px rgb(253, 3,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 92.5700, 107.2700, 93.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 3, 133) }
```

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

```
.background{ background-color: rgb(253, 3,  
133) }
```

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