

Converting Colors

YIQ(104.7470, 93.4700, 90.2220)

Have a look what the booklet for
YIQ(104.7470, 93.4700, 90.2220)
contains.

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Color

**YIQ(104.7470, 93.4700,
90.2220)**

Conversions

Conversions Part 1

Format	Color
Hex	FA159B
RGB	250, 21, 155
RGB Percent	98%, 8%, 61%
CMY	0.0190, 0.9179, 0.3919
CMYK	0.00, 0.92, 0.38, 0.02
HSL	325°, 96%, 53%
HSV	325°, 92%, 98%
XYZ	45.6703, 23.2553, 33.1220
YIQ	104.7470, 93.4700, 90.2220

Conversions

Conversions Part 2

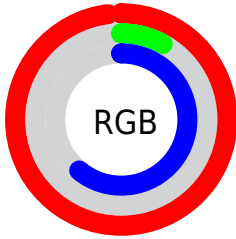
Format	Color
R_{YB}	250, 21, 155
Decimal	16389531
CIE _{Lab}	55.33, 84.15, -11.52
CIE _{LCh}	55, 84.932, 352.206
Yxy	23.2553, 0.4475, 0.2279
Android (android.graphics.Color)	4294579611 (0xFFFA159B)
YUV	104.7470, 24.7747, 127.3869
Hunter-Lab	48.2237, 84.6571, -6.9661

Details

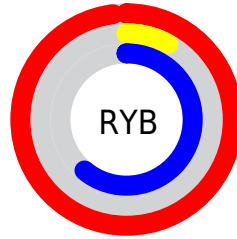
The YIQ color **104.7470, 93.4700, 90.2220** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **166.2530, -93.4700, -90.2220**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **161.1190, 56.2910, 64.6670**, and **68.0680, 78.6640, 72.2000** is the 20% darker color. If you saturate the color by 10%, you get **91.3940, 102.1340, 98.4060**, and if you desaturate by 10%, it is **120.5620, 83.3850, 80.2570**.

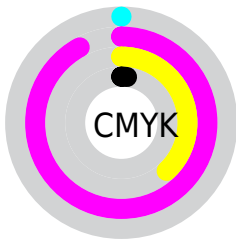
Distribution



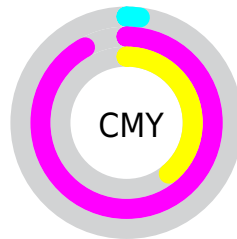
- Red (98%)
- Green (8%)
- Blue (61%)



- Red (98%)
- Yellow (8%)
- Blue (61%)



- Cyan (0%)
- Magenta (92%)
- Yellow (38%)
- Black (2%)



- Cyan (2%)
- Magenta (92%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 104.7470, 93.4700, 90.2220 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 104.7470, 93.4700, 90.2220 by changing the saturation by 10% instead.


 104.7470, 93.4700,
90.2220


 104.7470, 93.4700,
90.2220


255.0000, -0.0000,
-0.0000

 80.1870, 89.1150,
86.5470


 161.1190, 56.2910,
64.6670


 68.0680, 78.6640,
72.2000


 183.2090, 38.1820,
56.9500


 56.0630, 67.8920,
58.1640


 203.3440, 24.2000,
46.0240

 44.1720, 56.7990,
44.4390

 220.9540, 15.9500,
30.3340

 32.8080, 45.6600,
31.5480

 239.1510, 7.4250,
14.1210

 21.4010, 36.0800,
17.9360

 10.5790, 20.5390,

7.7310

■ 0.0000, 0.0000,
0.0000

■ 104.7470, 93.4700,
90.2220

■ 104.7470, 93.4700,
90.2220

■ 91.3940, 102.1340,
98.4060

■ 120.5620, 83.3850,
80.2570

■ 136.4910, 72.9790,
70.6030

■ 152.3060, 62.8940,
60.6380

■ 168.2350, 52.4880,
50.9840

■ 184.0500, 42.4030,
41.0190

■ 199.8650, 32.3180,
31.0540

■ 215.7940, 21.9120,
21.4000

■ 231.6090, 11.8270,
11.4350

■ 247.4240, 1.7420,
1.4700

Harmonies

Analogous

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



131.9970, 24.7000, 70.0120



104.7470, 93.4700, 90.2220



105.5510, 116.3080, 61.7800

Triad

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



104.7470, 93.4700, 90.2220



117.4070, 24.4930, -52.9390



122.3060, -123.9290, -6.2410

Complementary

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



104.7470, 93.4700, 90.2220



166.2530, -93.4700, -90.2220

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.



117.5860, -105.1270, -27.6150



104.7470, 93.4700, 90.2220



95.0090, -51.2000, -74.3360

Square

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



104.7470, 93.4700, 90.2220



125.1240, 71.6670, -26.8050



107.6340, -79.8600, -50.5160



115.9460, -122.5550, 1.9010

Rectangle

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



104.7470, 93.4700, 90.2220



117.1990, 112.9220, 24.0100



107.6340, -79.8600, -50.5160



121.4280, -118.7010, -12.8850

Sweetspot

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



104.7470, 93.4700, 90.2220



211.1910, 28.2840, 27.0680



74.6140, -18.6770, 90.7230



101.9950, 16.7320, 16.1560



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.



104.7470, 93.4700, 90.2220



93.2310, 104.1510, 100.3990



92.0930, 129.1010, 55.7010



116.7990, 5.1800, 5.2440



69.0510, 77.3340, 74.2780



22.3430, 24.8000, 24.1280

Inverse Universe

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



104.7470, 93.4700, 90.2220



93.2310, 104.1510, 100.3990



178.9070, -129.1010, -55.7010



116.7990, 5.1800, 5.2440



69.0510, 77.3340, 74.2780



22.3430, 24.8000, 24.1280

Previews

White Background



This preview shows how the YIQ color 104.7470, 93.4700, 90.2220 looks on a white background.

Color Contrast Check

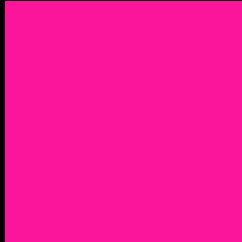
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.7470, 93.4700, 90.2220 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 104.7470, 93.4700, 90.2220

Background



This preview shows how black text looks on a background with the YIQ color 104.7470, 93.4700, 90.2220.



This preview shows how white text looks on a background with the YIQ color 104.7470, 93.4700,

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

104.7470, 93.4700, 90.2220

Protanopia

130.3930, -48.5580, 20.9940

Deuteranopia

134.2980, 2.3370, 7.2090



Tritanopia

117.7600, 107.5090, 39.5170

Trichromacy



Original Color

104.7470, 93.4700, 90.2220



Protanomaly

120.9210, 3.5220, 46.3220



Deuteranomaly

123.8210, 35.6180, 37.3300



Tritanomaly

113.2010, 102.5540, 57.7380

Monochromacy



Original Color

104.7470, 93.4700, 90.2220



Achromatopsia

105.0000, 0.0000, 0.0000



Achromatomaly

104.7020, 34.3350, 33.0470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.7470, 93.4700, 90.2220 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(250, 21, 155)` looks like.

```
.text, #text, p{  
    color:rgb(250, 21, 155)  
}
```

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(250, 21, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 21, 155) }
```

Border

The CSS property to change the border of an element to YIQ 104.7470, 93.4700, 90.2220 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(250, 21, 155) }
```


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

```
.border{ border-color:rgb(250, 21, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 21, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 21, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 21, 155);  
box-shadow:4px 4px 4px 4px rgb(250, 21,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 104.7470, 93.4700, 90.2220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 21, 155) }
```

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

```
.background{ background-color: rgb(250, 21,  
155) }
```

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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