

Converting Colors

YIQ(103.5310, 93.8380, 83.5500)

Have a look what the booklet for
YIQ(103.5310, 93.8380, 83.5500)
contains.

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Color

**YIQ(103.5310, 93.8380,
83.5500)**

Conversions

Conversions Part 1

Format	Color
Hex	F5188E
RGB	245, 24, 142
RGB Percent	96%, 9%, 56%
CMY	0.0386, 0.9061, 0.4429
CMYK	0.00, 0.90, 0.42, 0.04
HSL	328°, 92%, 53%
HSV	328°, 90%, 96%
XYZ	42.9221, 22.0446, 27.6122
YIQ	103.5310, 93.8380, 83.5500

Conversions

Conversions Part 2

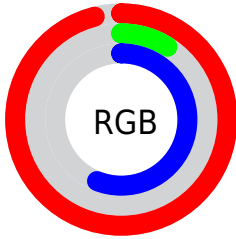
Format	Color
R_{YB}	245, 24, 142
Decimal	16062606
CIE _{Lab}	54.07, 81.56, -5.78
CIE _{LCh}	54, 81.765, 355.950
Yxy	22.0446, 0.4636, 0.2381
Android (android.graphics.Color)	4294252686 (0xFFFF5188E)
YUV	103.5310, 18.9652, 124.0683
Hunter-Lab	46.9517, 81.0152, -2.0022

Details

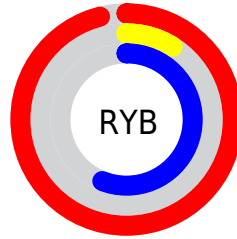
The YIQ color **103.5310, 93.8380, 83.5500** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **165.4690, -93.8380, -83.5500**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **159.6370, 60.4640, 60.6240**, and **64.9060, 78.9400, 67.1960** is the 20% darker color. If you saturate the color by 10%, you get **88.1890, 103.9690, 92.6810**, and if you desaturate by 10%, it is **118.8730, 83.7070, 74.4190**.

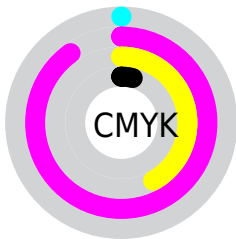
Distribution



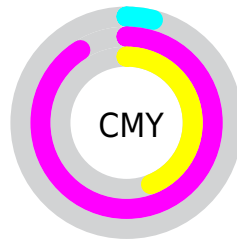
- Red (96%)
- Green (9%)
- Blue (56%)



- Red (96%)
- Yellow (9%)
- Blue (56%)



- Cyan (0%)
- Magenta (90%)
- Yellow (42%)
- Black (4%)





- Cyan (4%)
- Magenta (91%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 103.5310, 93.8380, 83.5500 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 103.5310, 93.8380, 83.5500 by changing the saturation by 10% instead.


 103.5310, 93.8380,
83.5500


 103.5310, 93.8380,
83.5500


255.0000, -0.0000,
-0.0000


 77.3240, 89.9870,
81.7550


 159.6370, 60.4640,
60.6240


 65.2050, 79.5360,
67.4080


 181.0260, 42.9510,
53.1190

 53.3140, 68.4430,
53.6830


 201.8280, 25.7130,
46.1370

 41.5370, 57.0290,
40.2690

 220.3670, 16.2250,
30.8570

 30.1730, 45.8900,
27.3780

 237.9770, 7.9750,
15.1670

 18.8800, 35.9890,
14.0770

 7.8880, 15.1750,

5.8230

■ 0.0000, 0.0000,
0.0000

■ 103.5310, 93.8380,
83.5500

■ 103.5310, 93.8380,
83.5500

■ 88.1890, 103.9690,
92.6810

■ 118.8730, 83.7070,
74.4190

■ 134.9160, 72.9800,
65.0760

■ 150.2580, 62.8490,
55.9450

■ 166.3010, 52.1220,
46.6020

■ 182.2300, 41.7160,
36.9480

■ 197.6860, 31.2640,
28.1280

■ 213.6150, 20.8580,
18.4740

■ 228.9570, 10.7270,
9.3430

■ 245.0000, -0.0000,
0.0000

Harmonies

Analogous

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



127.1890, 32.9070, 69.9550



103.5310, 93.8380, 83.5500



108.2910, 110.8080, 51.3200

Triad

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



103.5310, 93.8380, 83.5500



112.9440, 18.4870, -54.2250



119.1430, -121.9120, -4.2480

Complementary

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



103.5310, 93.8380, 83.5500



165.4690, -93.8380, -83.5500

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.



114.9930, -104.7150, -24.0670



103.5310, 93.8380, 83.5500



94.9580, -55.1900, -68.1020

Square

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



103.5310, 93.8380, 83.5500



121.5360, 64.5150, -29.3490



106.0840, -81.0070, -46.2470



112.4240, -120.9050, 5.0390

Rectangle

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



103.5310, 93.8380, 83.5500



116.4060, 107.6050, 15.7410



106.0840, -81.0070, -46.2470



118.3790, -117.0050, -10.5810

Sweetspot

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



103.5310, 93.8380, 83.5500



210.8490, 29.2470, 26.1350



78.7950, -11.9370, 89.7190



101.6530, 17.6950, 15.2230



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.



103.5310, 93.8380, 83.5500



91.7490, 108.3240, 96.3560



91.3330, 128.1850, 50.2730



114.3860, 4.9050, 4.7210



66.9000, 79.0770, 70.2210



21.1750, 25.2130, 22.1490

Inverse Universe

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



103.5310, 93.8380, 83.5500



91.7490, 108.3240, 96.3560



177.6670, -128.1850, -50.2730



114.3860, 4.9050, 4.7210



66.9000, 79.0770, 70.2210



21.1750, 25.2130, 22.1490

Previews

White Background



This preview shows how the YIQ color 103.5310, 93.8380, 83.5500 looks on a white background.

Color Contrast Check

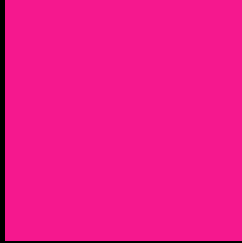
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.5310, 93.8380, 83.5500 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 103.5310, 93.8380, 83.5500

Background



This preview shows how black text looks on a background with the YIQ color 103.5310, 93.8380, 83.5500.



This preview shows how white text looks on a background with the YIQ color 103.5310, 93.8380,

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

103.5310, 93.8380, 83.5500

Protanopia

128.9610, -38.6540, 17.7140

Deuteranopia

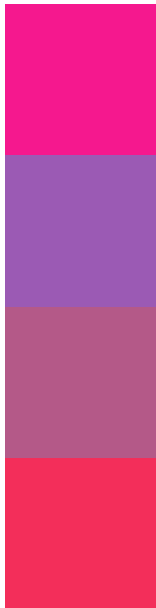
131.4680, 7.6100, 5.2580



Tritanopia

113.6460, 107.8300, 39.2060

Trichromacy



Original Color

103.5310, 93.8380, 83.5500

Protanomaly

119.6950, 9.8500, 41.7700

Deuteranomaly

121.5670, 39.1490, 33.9090

Tritanomaly

109.9190, 103.2880, 55.4480

Monochromacy



Original Color

103.5310, 93.8380, 83.5500

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

103.8220, 33.8770, 30.3330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.5310, 93.8380, 83.5500 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(245, 24, 142)` looks like.

```
.text, #text, p{  
    color:rgb(245, 24, 142)  
}
```

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(245, 24, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 24, 142) }
```

Border

The CSS property to change the border of an element to YIQ 103.5310, 93.8380, 83.5500 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(245, 24, 142) }
```


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

```
.border{ border-color:rgb(245, 24, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 24, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 24, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 24, 142);  
box-shadow:4px 4px 4px 4px rgb(245, 24,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 103.5310, 93.8380, 83.5500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 24, 142) }
```

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

```
.background{ background-color: rgb(245, 24,  
142) }
```

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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