

Converting Colors

YIQ(110.2200, 93.5160, 89.3880)

Have a look what the booklet for
YIQ(110.2200, 93.5160, 89.3880)
contains.

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Color

**YIQ(110.2200, 93.5160,
89.3880)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1B9F
RGB	255, 27, 159
RGB Percent	100%, 11%, 62%
CMY	0.0000, 0.8944, 0.3762
CMYK	0.00, 0.89, 0.38, 0.00
HSL	325°, 100%, 55%
HSV	325°, 89%, 100%
XYZ	47.8937, 24.5451, 35.0455
YIQ	110.2200, 93.5160, 89.3880

Conversions

Conversions Part 2

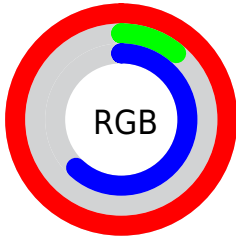
Format	Color
R_{YB}	255, 27, 159
Decimal	16718751
CIE _{Lab}	56.63, 84.82, -11.84
CIE _{LCh}	57, 85.642, 352.053
Yxy	24.5451, 0.4456, 0.2284
Android (android.graphics.Color)	4294908831 (0xFFFF1B9F)
YUV	110.2200, 24.0485, 126.9721
Hunter-Lab	49.5430, 85.8575, -7.2602

Details

The YIQ color **110.2200, 93.5160, 89.3880** 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 **171.7800, -93.5160, -89.3880**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.4500, 53.8610, 64.6530**, and **69.7200, 79.7640, 74.2920** is the 20% darker color. If you saturate the color by 10%, you get **93.7040, 104.1970, 99.5650**, and if you desaturate by 10%, it is **126.1490, 83.1100, 79.7340**.

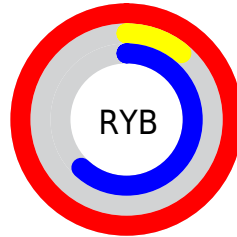
Distribution



Red (100%)

Green (11%)

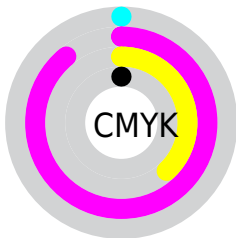
Blue (62%)



Red (100%)

Yellow (11%)

Blue (62%)

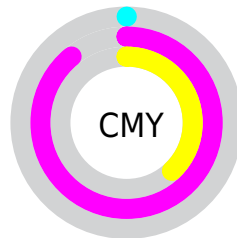


Cyan (0%)

Magenta (89%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (89%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 110.2200, 93.5160, 89.3880 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 110.2200, 93.5160, 89.3880 by changing the saturation by 10% instead.


 110.2200, 93.5160,
89.3880


 110.2200, 93.5160,
89.3880


255.0000, -0.0000,
-0.0000


 81.8390, 90.2150,
88.6390


 163.4500, 53.8610,
64.6530


 69.7200, 79.7640,
74.2920


 185.4260, 36.0730,
56.6250


 57.9000, 69.9090,
60.1570


 205.1050, 23.3750,
44.4550

 46.0090, 58.8160,
46.4320

 222.7150, 15.1250,
28.7650

 34.6450, 47.6770,
33.5410

 240.9120, 6.6000,
12.5520

 23.4660, 37.4550,
20.5510

 12.0740, 23.5190,

8.7910

■ 0.0000, 0.0000,
0.0000

■ 110.2200, 93.5160,
89.3880

■ 110.2200, 93.5160,
89.3880

■ 93.7040, 104.1970,
99.5650

■ 126.1490, 83.1100,
79.7340

■ 93.1170, 104.4720,
100.0880

■ 142.6650, 72.4290,
69.5570

■ 158.4800, 62.3440,
59.5920

■ 174.9960, 51.6630,
49.4150

■ 190.9250, 41.2570,
39.7610

■ 207.3270, 30.8970,
29.2730

■ 223.2560, 20.4910,
19.6190

■ 239.7720, 9.8100,
9.4420

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



135.5240, 24.6540, 70.8460



110.2200, 93.5160, 89.3880



108.2410, 114.2450, 60.6210

Triad

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



110.2200, 93.5160, 89.3880



120.3640, 26.0520, -53.6600



125.2240, -126.6340, -6.7780

Complementary

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



110.2200, 93.5160, 89.3880



171.7800, -93.5160, -89.3880

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.



119.6890, -106.9150, -28.2510



110.2200, 93.5160, 89.3880



96.9980, -52.6670, -75.2830

Square

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



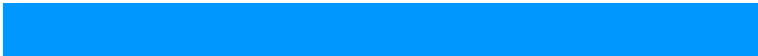
110.2200, 93.5160, 89.3880



128.0810, 73.2260, -27.5260



110.3240, -81.9230, -51.6750



117.7070, -123.3800, 0.3320

Rectangle

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



110.2200, 93.5160, 89.3880



121.0960, 114.7100, 24.6460



110.3240, -81.9230, -51.6750



124.2320, -121.0850, -13.7330

Sweetspot

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



110.2200, 93.5160, 89.3880



211.1910, 28.2840, 27.0680



81.3970, -16.5680, 91.0480



101.8810, 17.0530, 15.8450



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.



110.2200, 93.5160, 89.3880



93.1170, 104.4720, 100.0880



97.3380, 129.7890, 54.2450



119.6850, 5.5010, 4.9330



69.7630, 78.2050, 75.0130



23.3540, 26.2670, 25.0750

Inverse Universe

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



110.2200, 93.5160, 89.3880



93.1170, 104.4720, 100.0880



184.6620, -129.7890, -54.2450



119.6850, 5.5010, 4.9330



69.7630, 78.2050, 75.0130



23.3540, 26.2670, 25.0750

Previews

White Background



This preview shows how the YIQ color 110.2200, 93.5160, 89.3880 looks on a white background.

Color Contrast Check

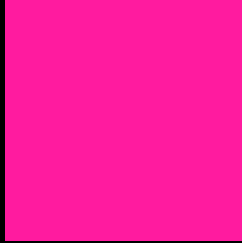
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.2200, 93.5160, 89.3880 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 110.2200, 93.5160, 89.3880

Background



This preview shows how black text looks on a background with the YIQ color 110.2200, 93.5160, 89.3880.



This preview shows how white text looks on a background with the YIQ color 110.2200, 93.5160,

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

110.2200, 93.5160, 89.3880

Protanopia

134.2080, -49.4750, 21.0930

Deuteranopia

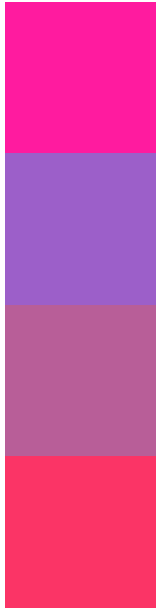
137.9990, 1.7410, 6.9970



Tritanopia

121.6460, 107.8300, 39.2060

Trichromacy



Original Color

110.2200, 93.5160, 89.3880

Protanomaly

125.3230, 2.3300, 45.8980

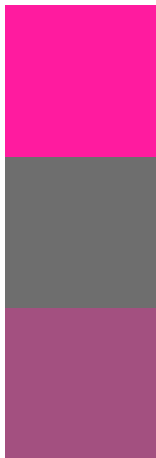
Deuteranomaly

127.5220, 35.0220, 37.1180

Tritanomaly

117.2010, 102.5540, 57.7380

Monochromacy



Original Color

110.2200, 93.5160, 89.3880

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.2890, 34.0600, 32.5240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.2200, 93.5160, 89.3880 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(255, 27, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 27, 159)  
}
```

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(255, 27, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 27, 159) }
```

Border

The CSS property to change the border of an element to YIQ 110.2200, 93.5160, 89.3880 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(255, 27, 159) }
```


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

```
.border{ border-color:rgb(255, 27, 159) }
```

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

Here you see how a box with a 4 pixel rgb(255, 27, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 27, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 27, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 27,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 110.2200, 93.5160, 89.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 27, 159) }
```

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

```
.background{ background-color: rgb(255, 27,  
159) }
```

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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