

Converting Colors

YIQ(110.0550, 89.8470, 95.3110)

Have a look what the booklet for
YIQ(110.0550, 89.8470, 95.3110)
contains.

YIQ(110.0550, 89.8470, 95.3110)	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(110.0550, 89.8470,
95.3110)**

Conversions

Conversions Part 1

Format	Color
Hex	FF18AD
RGB	255, 24, 173
RGB Percent	100%, 9%, 68%
CMY	0.0000, 0.9061, 0.3213
CMYK	0.00, 0.91, 0.32, 0.00
HSL	321°, 100%, 55%
HSV	321°, 91%, 100%
XYZ	49.1134, 24.9288, 41.7895
YIQ	110.0550, 89.8470, 95.3110

Conversions

Conversions Part 2

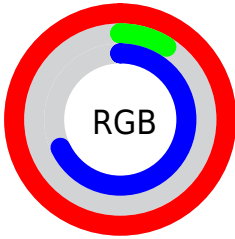
Format	Color
R _Y B	255, 24, 173
Decimal	16717997
CIE Lab	57.01, 86.55, -19.47
CIE LCh	57, 88.710, 347.320
Yxy	24.9288, 0.4240, 0.2152
Android (android.graphics.Color)	4294908077 (0xFFFF18AD)
YUV	110.0550, 31.0319, 127.1168
Hunter-Lab	49.9287, 88.2098, -14.6746

Details

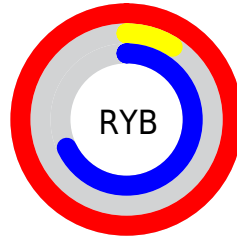
The YIQ color **110.0550, 89.8470, 95.3110** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **168.9450, -89.8470, -95.3110**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1600, 49.0460, 69.3180**, and **71.5010, 76.1870, 78.5470** is the 20% darker color. If you saturate the color by 10%, you get **95.0550, 99.0150, 105.3750**, and if you desaturate by 10%, it is **125.7560, 80.0830, 85.0350**.

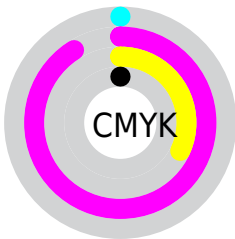
Distribution



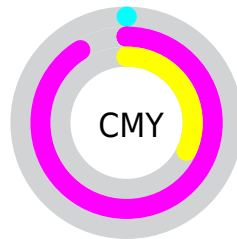
- Red (100%)
- Green (9%)
- Blue (68%)



- Red (100%)
- Yellow (9%)
- Blue (68%)



- Cyan (0%)
- Magenta (91%)
- Yellow (32%)
- Black (0%)





- Cyan (0%)
- Magenta (91%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 110.0550, 89.8470, 95.3110 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 110.0550, 89.8470, 95.3110 by changing the saturation by 10% instead.


 110.0550, 89.8470,
95.3110


 110.0550, 89.8470,
95.3110


255.0000, -0.0000,
-0.0000


 83.6200, 86.6380,
92.8940


 165.1600, 49.0460,
69.3180


 71.5010, 76.1870,
78.5470


 186.9080, 31.9000,
60.6680


 59.3820, 65.7360,
64.2000


 204.5180, 23.6500,
44.9780

 47.6760, 55.5600,
50.3760

 222.7150, 15.1250,
28.7650

 36.0840, 45.0630,
36.8630

 240.9120, 6.6000,
12.5520

 25.0190, 34.5200,
24.1840

 12.9710, 25.3070,

9.4270

■ 0.0000, 0.0000,
0.0000

■ 110.0550, 89.8470,
95.3110

■ 110.0550, 89.8470,
95.3110

■ 95.0550, 99.0150,
105.3750

■ 125.7560, 80.0830,
85.0350

■ 142.0440, 70.0440,
74.2360

■ 157.7450, 60.2800,
63.9600

■ 174.0330, 50.2410,
53.1610

■ 189.7340, 40.4770,
42.8850

206.0220, 30.4380,
32.0860

221.7230, 20.6740,
21.8100

238.0110, 10.6350,
11.0110

253.7120, 0.8710,
0.7350

Harmonies

Analogous

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



137.6520, 12.5500, 69.9420



110.0550, 89.8470, 95.3110



94.8200, 117.5890, 77.1170

Triad

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



110.0550, 89.8470, 95.3110



123.3650, 33.4790, -50.5930



126.5290, -126.1750, -9.5910

Complementary

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



110.0550, 89.8470, 95.3110



168.9450, -89.8470, -95.3110

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.



119.8370, -104.5760, -32.0960



110.0550, 89.8470, 95.3110



94.5070, -44.2750, -84.2030

Square

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



110.0550, 89.8470, 95.3110



129.3210, 81.4780, -22.8900



109.4290, -78.0250, -56.2410



120.6420, -124.7550, -2.2830

Rectangle

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



110.0550, 89.8470, 95.3110



117.8830, 120.1640, 35.9400



109.4290, -78.0250, -56.2410



124.8360, -120.0300, -16.3340

Sweetspot

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



110.0550, 89.8470, 95.3110



211.7610, 26.6790, 28.6230



74.5530, -25.8750, 89.0130



102.2230, 16.0900, 16.7780



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.



110.0550, 89.8470, 95.3110



95.0550, 99.0150, 105.3750



97.0590, 126.4410, 59.8570



119.7990, 5.1800, 5.2440



71.1310, 74.3530, 78.7450



23.8100, 24.9830, 26.3190

Inverse Universe

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



110.0550, 89.8470, 95.3110



95.0550, 99.0150, 105.3750



181.9410, -126.4410, -59.8570



119.7990, 5.1800, 5.2440



71.1310, 74.3530, 78.7450



23.8100, 24.9830, 26.3190

Previews

White Background



This preview shows how the YIQ color 110.0550, 89.8470, 95.3110 looks on a white background.

Color Contrast Check

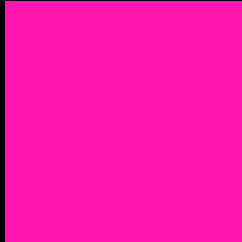
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.0550, 89.8470, 95.3110 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 110.0550, 89.8470, 95.3110

Background



This preview shows how black text looks on a background with the YIQ color 110.0550, 89.8470, 95.3110.



This preview shows how white text looks on a background with the YIQ color 110.0550, 89.8470,

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

110.0550, 89.8470, 95.3110

Protanopia

132.1880, -63.9180, 24.0340

Deuteranopia

138.6870, -6.0080, 9.7680



Tritanopia

124.2650, 104.5290, 38.4570

Trichromacy



Original Color

110.0550, 89.8470, 95.3110



Protanomaly

123.9830, -8.2160, 49.8000



Deuteranomaly

128.2210, 28.7400, 40.8360



Tritanomaly

119.2870, 99.4360, 59.1800

Monochromacy



Original Color

110.0550, 89.8470, 95.3110



Achromatopsia

110.0000, 0.0000, 0.0000



Achromatomaly

110.2720, 32.7300, 34.6020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.0550, 89.8470, 95.3110 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, 24, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 24, 173)  
}
```

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, 24, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 24, 173) }
```

Border

The CSS property to change the border of an element to YIQ 110.0550, 89.8470, 95.3110 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, 24, 173) }
```


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

```
.border{ border-color:rgb(255, 24, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 24, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 24, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 24, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 24,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 110.0550, 89.8470, 95.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 24, 173) }
```

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

```
.background{ background-color: rgb(255, 24,  
173) }
```

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