

Converting Colors

YIQ(106.3390, 94.7990, 93.6710)

Have a look what the booklet for
YIQ(106.3390, 94.7990, 93.6710)
contains.

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Color

**YIQ(106.3390, 94.7990,
93.6710)**

Conversions

Conversions Part 1

Format	Color
Hex	FF14A1
RGB	255, 20, 161
RGB Percent	100%, 8%, 63%
CMY	0.0000, 0.9218, 0.3684
CMYK	0.00, 0.92, 0.37, 0.00
HSL	324°, 100%, 54%
HSV	324°, 92%, 100%
XYZ	47.9275, 24.3325, 35.9203
YIQ	106.3390, 94.7990, 93.6710

Conversions

Conversions Part 2

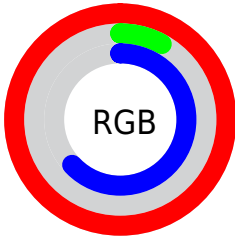
Format	Color
R _Y B	255, 20, 161
Decimal	16716961
CIE _{Lab}	56.42, 85.82, -13.33
CIE _{LCh}	56, 86.850, 351.169
Yxy	24.3325, 0.4430, 0.2249
Android (android.graphics.Color)	4294907041 (0xFFFF14A1)
YUV	106.3390, 26.9479, 130.3757
Hunter-Lab	49.3279, 87.1082, -8.6450

Details

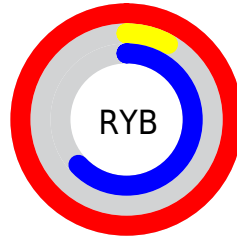
The YIQ color **106.3390, 94.7990, 93.6710** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **168.6610, -94.7990, -93.6710**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **162.5040, 53.7690, 66.3210**, and **69.8340, 79.4430, 74.6030** is the 20% darker color. If you saturate the color by 10%, you get **93.6870, 102.8670, 101.6430**, and if you desaturate by 10%, it is **122.1540, 84.7140, 83.7060**.

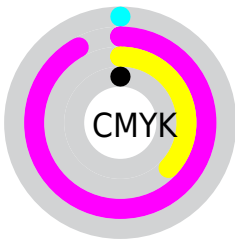
Distribution



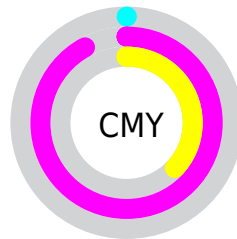
- Red (100%)
- Green (8%)
- Blue (63%)



- Red (100%)
- Yellow (8%)
- Blue (63%)



- Cyan (0%)
- Magenta (92%)
- Yellow (37%)
- Black (0%)





- Cyan (0%)
- Magenta (92%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 106.3390, 94.7990, 93.6710 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 106.3390, 94.7990, 93.6710 by changing the saturation by 10% instead.


 106.3390, 94.7990,
93.6710


 106.3390, 94.7990,
93.6710


255.0000, -0.0000,
-0.0000


 82.0670, 89.5730,
89.2610


 162.5040, 53.7690,
66.3210


 69.9480, 79.1220,
74.9140


 184.4800, 35.9810,
58.2930

 57.8290, 68.6710,
60.5670


 203.9310, 23.9250,
45.5010

 46.2370, 58.1740,
47.0540

 221.5410, 15.6750,
29.8110

 34.7590, 47.3560,
33.8520

 239.7380, 7.1500,
13.5980

 23.6940, 36.8130,
21.1730

 12.0740, 23.5190,

8.7910

■ 0.0000, 0.0000,
0.0000

■ 106.3390, 94.7990,
93.6710

■ 106.3390, 94.7990,
93.6710

■ 93.6870, 102.8670,
101.6430

■ 122.1540, 84.7140,
83.7060

■ 138.5560, 74.3540,
73.2180

■ 154.4850, 63.9480,
63.5640

■ 170.8870, 53.5880,
53.0760

■ 186.7020, 43.5030,
43.1110

■ 203.1040, 33.1430,
32.6230

■ 218.9190, 23.0580,
22.6580

■ 235.4350, 12.3770,
12.4810

■ 251.2500, 2.2920,
2.5160

Harmonies

Analogous

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



134.6810, 22.7740, 71.8780



106.3390, 94.7990, 93.6710



104.2460, 115.8490, 64.5930

Triad

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



106.3390, 94.7990, 93.6710



120.0760, 26.9230, -52.9250



125.1100, -126.3130, -7.0890

Complementary

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



106.3390, 94.7990, 93.6710



168.6610, -94.7990, -93.6710

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.



119.4610, -106.2730, -28.8730



106.3390, 94.7990, 93.6710



96.2000, -50.4200, -77.4600

Square

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



106.3390, 94.7990, 93.6710



127.5050, 74.9680, -26.0560



109.9820, -80.9600, -52.6080



118.2940, -123.6550, -0.1910

Rectangle

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



106.3390, 94.7990, 93.6710



119.0470, 116.4060, 26.9500



109.9820, -80.9600, -52.6080



124.1180, -120.7640, -14.0440

Sweetspot

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



106.3390, 94.7990, 93.6710



210.0170, 28.8340, 28.1140



73.7000, -21.7950, 92.1650



100.1200, 17.8780, 17.4140



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.



106.3390, 94.7990, 93.6710



93.6870, 102.8670, 101.6430



93.3430, 131.3930, 58.2170



119.6850, 5.5010, 4.9330



70.2190, 76.9210, 76.2570



23.4680, 25.9460, 25.3860

Inverse Universe

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



106.3390, 94.7990, 93.6710



93.6870, 102.8670, 101.6430



181.6570, -131.3930, -58.2170



119.6850, 5.5010, 4.9330



70.2190, 76.9210, 76.2570



23.4680, 25.9460, 25.3860

Previews

White Background



This preview shows how the YIQ color 106.3390, 94.7990, 93.6710 looks on a white background.

Color Contrast Check

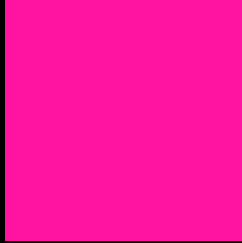
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.3390, 94.7990, 93.6710 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 106.3390, 94.7990, 93.6710

Background



This preview shows how black text looks on a background with the YIQ color 106.3390, 94.7990, 93.6710.



This preview shows how white text looks on a background with the YIQ color 106.3390, 94.7990,

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

106.3390, 94.7990, 93.6710

Protanopia

132.8810, -52.8680, 22.0120

Deuteranopia

137.3410, 0.7780, 7.9300



Tritanopia

120.9450, 108.4260, 39.4180

Trichromacy



Original Color

106.3390, 94.7990, 93.6710



Protanomaly

123.3060, 1.0000, 47.9760



Deuteranomaly

125.9890, 35.2050, 39.3090



Tritanomaly

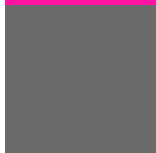
115.4400, 103.3790, 59.3070

Monochromacy



Original Color

106.3390, 94.7990, 93.6710



Achromatopsia

106.0000, -0.0000, -0.0000



Achromatomaly

106.2290, 34.2890, 33.8810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.3390, 94.7990, 93.6710 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, 20, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 20, 161)  
}
```

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, 20, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 20, 161) }
```

Border

The CSS property to change the border of an element to YIQ 106.3390, 94.7990, 93.6710 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, 20, 161) }
```


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

```
.border{ border-color:rgb(255, 20, 161) }
```

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

Here you see how a box with a 4 pixel rgb(255, 20, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 20, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 20, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 20,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 106.3390, 94.7990, 93.6710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 20, 161) }
```

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

```
.background{ background-color: rgb(255, 20,  
161) }
```

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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