

Converting Colors

YIQ(94.2310, 86.9560, 109.1640)

Have a look what the booklet for
YIQ(94.2310, 86.9560, 109.1640)
contains.

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Color

**YIQ(94.2310, 86.9560,
109.1640)**

Conversions

Conversions Part 1

Format	Color
Hex	F500B8
RGB	245, 0, 184
RGB Percent	96%, 0%, 72%
CMY	0.0385, 0.9998, 0.2782
CMYK	0.00, 1.00, 0.25, 0.04
HSL	315°, 100%, 48%
HSV	315°, 100%, 96%
XYZ	46.3754, 22.9073, 47.3531
YIQ	94.2310, 86.9560, 109.1640

Conversions

Conversions Part 2

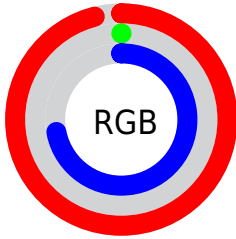
Format	Color
RYB	245, 0, 184
Decimal	16056504
CIELab	54.98, 87.69, -29.15
CIELCh	55, 92.413, 341.610
Yxy	22.9073, 0.3976, 0.1964
Android (android.graphics.Color)	4294246584 (0xFFFF500B8)
YUV	94.2310, 44.2561, 132.2244
Hunter-Lab	47.8616, 89.1994, -25.1569

Details

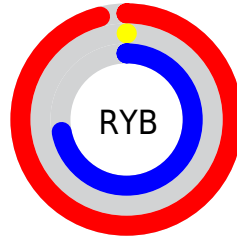
The YIQ color **94.2310, 86.9560, 109.1640** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **150.7690, -86.9560, -109.1640**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.3050, 47.4400, 76.4000**, and **69.6510, 67.0170, 79.5370** is the 20% darker color. If you saturate the color by 10%, you get **94.2310, 86.9560, 109.1640**, and if you desaturate by 10%, it is **109.5900, 78.1550, 97.9550**.

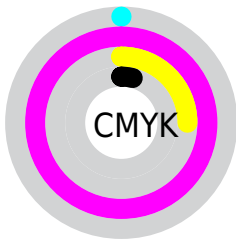
Distribution



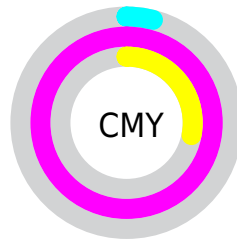
- Red (96%)
- Green (0%)
- Blue (72%)



- Red (96%)
- Yellow (0%)
- Blue (72%)



- Cyan (0%)
- Magenta (100%)
- Yellow (25%)
- Black (4%)





- Cyan (4%)
- Magenta (100%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 94.2310, 86.9560, 109.1640 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 94.2310, 86.9560, 109.1640 by changing the saturation by 10% instead.


 94.2310, 86.9560,
109.1640


 94.2310, 86.9560,
109.1640


255.0000, -0.0000,
-0.0000


 81.8840, 77.1470,
94.1950


 162.3050, 47.4400,
76.4000


 69.9500, 67.6130,
79.7490


 182.7990, 33.8250,
64.3290

 57.7170, 57.4830,
65.0910


 200.9960, 25.3000,
48.1160

 46.0110, 47.3070,
51.2670

 219.1930, 16.7750,
31.9030

 34.6040, 37.7270,
37.6550

 237.3900, 8.2500,
15.6900

 23.4250, 27.5050,
24.6650

 11.4910, 17.9710,

10.2190

■ 0.0000, 0.0000,
0.0000

■ 94.2310, 86.9560,
109.1640

■ 109.5900, 78.1550,
97.9550

■ 124.3620, 69.6290,
87.2690

■ 139.7210, 60.8280,
76.0600

■ 154.6070, 51.9810,
65.6850

■ 169.9660, 43.1800,
54.4760

■ 184.7380, 34.6540,
43.7900

■ 200.0970, 25.8530,
32.5810

■ 214.8690, 17.3270,
21.8950

■ 230.2280, 8.5260,
10.6860

Harmonies

Analogous

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



132.4910, -6.1100, 66.7060



94.2310, 86.9560, 109.1640



88.2150, 118.2750, 86.7150

Triad

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



94.2310, 86.9560, 109.1640



120.4740, 40.7220, -44.1900



122.8130, -121.2230, -11.2310

Complementary

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



94.2310, 86.9560, 109.1640



150.7690, -86.9560, -109.1640

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.



114.7360, -97.1020, -35.3900



94.2310, 86.9560, 109.1640



90.3980, -42.3500, -80.5420

Square

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



94.2310, 86.9560, 109.1640



123.4840, 88.6290, -14.8190



103.2850, -68.9920, -60.2560



120.0550, -124.4800, -1.7600

Rectangle

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



94.2310, 86.9560, 109.1640



99.8970, 126.7170, 54.8530



103.2850, -68.9920, -60.2560



120.6640, -113.7940, -19.2180

Sweetspot

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



94.2310, 86.9560, 109.1640



208.2220, 26.9990, 33.8390



44.9730, -44.6730, 88.2790



99.6300, 16.5020, 20.3260



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.



94.2310, 86.9560, 109.1640



98.0190, 90.6690, 113.4610



80.6650, 125.1550, 72.1550



114.6140, 4.2630, 5.3430



71.5740, 65.9160, 82.9720



22.6570, 21.0400, 26.1920

Inverse Universe

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



94.2310, 86.9560, 109.1640



98.0190, 90.6690, 113.4610



164.3350, -125.1550, -72.1550



114.6140, 4.2630, 5.3430



71.5740, 65.9160, 82.9720



22.6570, 21.0400, 26.1920

Previews

White Background



This preview shows how the YIQ color 94.2310, 86.9560, 109.1640 looks on a white background.

Color Contrast Check

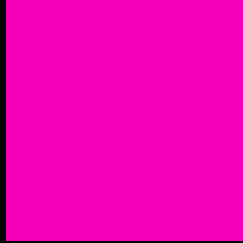
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.2310, 86.9560, 109.1640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

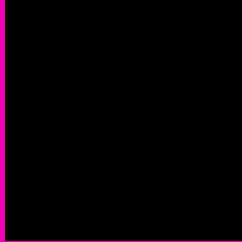
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 94.2310, 86.9560, 109.1640

Background



This preview shows how black text looks on a background with the YIQ color 94.2310, 86.9560, 109.1640.



This preview shows how white text looks on a background with the YIQ color 94.2310, 86.9560,

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

94.2310, 86.9560, 109.1640

Protanopia

123.0320, -80.9740, 24.7700

Deuteranopia

133.8800, -16.7370, 11.4790



Tritanopia

122.3780, 96.7810, 35.7010

Trichromacy



Original Color

94.2310, 86.9560, 109.1640



Protanomaly

112.5120, -19.7710, 55.4690



Deuteranomaly

119.3160, 21.4030, 47.1550



Tritanomaly

111.8720, 93.4750, 62.5870

Monochromacy



Original Color

94.2310, 86.9560, 109.1640



Achromatopsia

94.0000, 0.0000, 0.0000



Achromatomaly

94.2490, 31.5370, 39.7050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.2310, 86.9560, 109.1640 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, 0, 184)` looks like.

```
.text, #text, p{  
    color:rgb(245, 0, 184)  
}
```

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, 0, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 0, 184) }
```

Border

The CSS property to change the border of an element to YIQ 94.2310, 86.9560, 109.1640 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, 0, 184) }
```


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

```
.border{ border-color:rgb(245, 0, 184) }
```

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

Here you see how a box with a 4 pixel rgb(245, 0, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 0, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 0, 184);  
box-shadow:4px 4px 4px 4px rgb(245, 0,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 94.2310, 86.9560, 109.1640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 0, 184) }
```

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

```
.background{ background-color: rgb(245, 0,  
184) }
```

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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