

Converting Colors

YIQ(94.8540, 111.0810, 62.8970)

Have a look what the booklet for
YIQ(94.8540, 111.0810, 62.8970)
contains.

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Color

**YIQ(94.8540, 111.0810,
62.8970)**

Conversions

Conversions Part 1

Format	Color
Hex	F0184F
RGB	240, 24, 79
RGB Percent	94%, 9%, 31%
CMY	0.0583, 0.9061, 0.6898
CMYK	0.00, 0.90, 0.67, 0.06
HSL	345°, 88%, 52%
HSV	345°, 90%, 94%
XYZ	37.7224, 19.7653, 9.2434
YIQ	94.8540, 111.0810, 62.8970

Conversions

Conversions Part 2

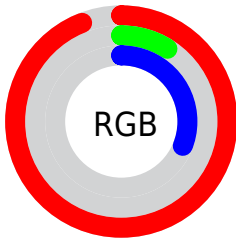
Format	Color
R_{YB}	240, 24, 79
Decimal	15734863
CIE _{Lab}	51.57, 76.19, 28.60
CIE _{LCh}	52, 81.382, 20.576
Yxy	19.7653, 0.5653, 0.2962
Android (android.graphics.Color)	4293924943 (0xFFFF0184F)
YUV	94.8540, -7.8160, 127.2930
Hunter-Lab	44.4582, 73.6542, 18.7936

Details

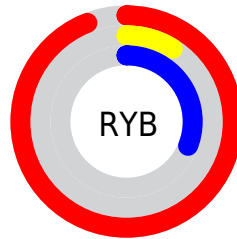
The YIQ color **94.8540, 111.0810, 62.8970** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **169.1460, -111.0810, -62.8970**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **150.1240, 83.1170, 41.0450**, and **56.3150, 93.0650, 47.9850** is the 20% darker color. If you saturate the color by 10%, you get **78.7140, 123.4590, 69.8510**, and if you desaturate by 10%, it is **110.9940, 98.7030, 55.9430**.

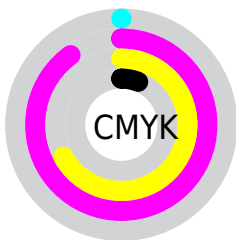
Distribution



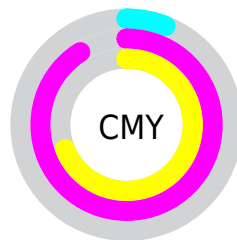
- Red (94%)
- Green (9%)
- Blue (31%)



- Red (94%)
- Yellow (9%)
- Blue (31%)



- Cyan (0%)
- Magenta (90%)
- Yellow (67%)
- Black (6%)





- Cyan (6%)
- Magenta (91%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 94.8540, 111.0810, 62.8970 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 94.8540, 111.0810, 62.8970 by changing the saturation by 10% instead.


 94.8540, 111.0810,
62.8970


 94.8540, 111.0810,
62.8970


255.0000, -0.0000,
-0.0000


 68.6900, 105.6710,
61.8230


 150.1240, 83.1170,
41.0450


 56.7280, 93.3400,
48.5080


 170.6980, 66.5210,
33.4410


 44.8800, 80.6880,
35.5040


 191.3860, 49.6040,
26.1480

 33.6020, 66.4310,
24.0550

 212.0740, 32.6870,
18.8550

 24.9740, 47.5880,
18.6280

 232.8760, 15.4490,
11.8730

 15.1780, 29.1580,
11.2220

 253.2390, 0.8250,

 0.0000, 0.0000,

1.5690

0.0000

■ 94.8540, 111.0810,
62.8970

■ 94.8540, 111.0810,
62.8970

■ 78.7140, 123.4590,
69.8510

■ 110.9940, 98.7030,
55.9430

■ 127.1340, 86.3250,
48.9890

■ 143.2740, 73.9470,
42.0350

■ 159.4140, 61.5690,
35.0810

■ 175.5540, 49.1910,
28.1270

■ 191.5800, 37.1340,
20.8620

■ 207.7200, 24.7560,
13.9080

■ 223.8600, 12.3780,
6.9540

■ 240.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



95.9310, 86.9600, 87.0560



94.8540, 111.0810, 62.8970



109.4840, 106.9650, 5.3090

Triad

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



94.8540, 111.0810, 62.8970



86.5970, -44.0480, -71.7920



110.0760, -119.8050, 7.1310

Complementary

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



94.8540, 111.0810, 62.8970



169.1460, -111.0810, -62.8970

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.



113.7970, -115.1260, -6.0860



94.8540, 111.0810, 62.8970



99.8090, -72.9830, -48.4950

Square

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



94.8540, 111.0810, 62.8970



109.7540, 25.1340, -48.0340



108.6040, -96.3700, -26.6260



107.0400, -92.6200, 26.5800

Rectangle

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



94.8540, 111.0810, 62.8970



115.1890, 82.2100, -14.1260



108.6040, -96.3700, -26.6260



113.0110, -121.1800, 4.5160

Sweetspot

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



94.8540, 111.0810, 62.8970



208.6830, 35.3460, 20.2260



95.8660, 24.8320, 100.6720



100.3990, 21.2260, 11.8020



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.



94.8540, 111.0810, 62.8970



83.6550, 131.1150, 74.2750



117.9340, 114.9860, 19.6420



111.9300, 6.1890, 3.4770



60.3740, 94.5770, 53.6250



18.3400, 28.8820, 16.2260

Inverse Universe

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



94.8540, 111.0810, 62.8970



83.6550, 131.1150, 74.2750



146.0660, -114.9860, -19.6420



111.9300, 6.1890, 3.4770



60.3740, 94.5770, 53.6250



18.3400, 28.8820, 16.2260

Previews

White Background



This preview shows how the YIQ color 94.8540, 111.0810, 62.8970 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 94.8540, 111.0810, 62.8970 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 94.8540, 111.0810, 62.8970

Background



This preview shows how black text looks on a background with the YIQ color 94.8540, 111.0810, 62.8970.



This preview shows how white text looks on a background with the YIQ color 94.8540, 111.0810,

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

94.8540, 111.0810, 62.8970

Protanopia

123.5830, 5.5480, -1.4280

Deuteranopia

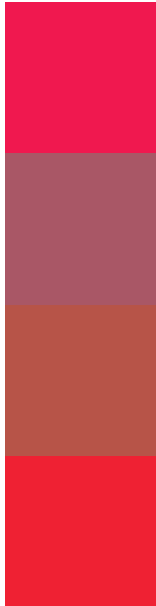
122.1670, 35.7180, -8.5540



Tritanopia

97.7570, 120.7590, 41.6790

Trichromacy



Original Color

94.8540, 111.0810, 62.8970

Protanomaly

113.2280, 44.0570, 22.0490

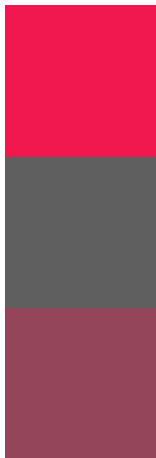
Deuteranomaly

112.2330, 62.8560, 17.2560

Tritanomaly

96.6460, 116.9980, 49.2700

Monochromacy



Original Color

94.8540, 111.0810, 62.8970

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

94.9010, 40.6640, 22.9680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.8540, 111.0810, 62.8970 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(240, 24, 79)` looks like.

```
.text, #text, p{  
    color:rgb(240, 24, 79)  
}
```

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(240, 24, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 24, 79) }
```

Border

The CSS property to change the border of an element to YIQ 94.8540, 111.0810, 62.8970 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(240, 24, 79) }
```


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

```
.border{ border-color:rgb(240, 24, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 24, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 24, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 24, 79);  
box-shadow:4px 4px 4px 4px rgb(240, 24,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 94.8540, 111.0810, 62.8970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 24, 79) }
```

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

```
.background{ background-color: rgb(240, 24,  
79) }
```

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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