

Converting Colors

YIQ(94.7370, 98.2890, 63.4490)

Have a look what the booklet for
YIQ(94.7370, 98.2890, 63.4490)
contains.

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Color

**YIQ(94.7370, 98.2890,
63.4490)**

Conversions

Conversions Part 1

Format	Color
Hex	E41B5E
RGB	228, 27, 94
RGB Percent	89%, 11%, 37%
CMY	0.1054, 0.8943, 0.6310
CMYK	0.00, 0.88, 0.59, 0.11
HSL	340°, 79%, 50%
HSV	340°, 88%, 89%
XYZ	34.4513, 18.1054, 12.2889
YIQ	94.7370, 98.2890, 63.4490

Conversions

Conversions Part 2

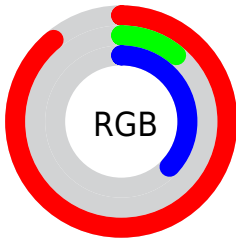
Format	Color
R_{YB}	228, 27, 94
Decimal	14949214
CIE _{Lab}	49.62, 73.64, 16.49
CIE _{LCh}	50, 75.463, 12.623
Yxy	18.1054, 0.5313, 0.2792
Android (android.graphics.Color)	4293139294 (0xFFE41B5E)
YUV	94.7370, -0.3633, 116.8717
Hunter-Lab	42.5504, 70.0606, 12.6619

Details

The YIQ color **94.7370, 98.2890, 63.4490** 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 **160.2630, -98.2890, -63.4490**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **151.3610, 78.2560, 46.5440**, and **54.9210, 82.6110, 50.2190** is the 20% darker color. If you saturate the color by 10%, you get **79.5260, 109.4290, 70.8130**, and if you desaturate by 10%, it is **109.9480, 87.1490, 56.0850**.

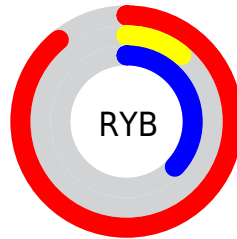
Distribution



Red (89%)

Green (11%)

Blue (37%)



Red (89%)

Yellow (11%)

Blue (37%)

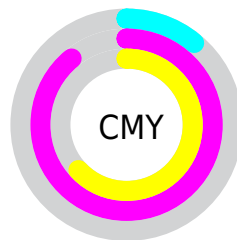


Cyan (0%)

Magenta (88%)

Yellow (59%)

Black (11%)



Cyan (11%)


Magenta (89%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 94.7370, 98.2890, 63.4490 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 94.7370, 98.2890, 63.4490 by changing the saturation by 10% instead.


 94.7370, 98.2890,
63.4490


 94.7370, 98.2890,
63.4490


255.0000, -0.0000,
-0.0000


 66.6980, 94.0250,
63.6330


 151.3610, 78.2560,
46.5440


 54.9210, 82.6110,
50.2190


 171.9350, 61.6600,
38.9400


 43.3720, 70.5550,
37.4270


 192.7370, 44.4220,
31.9580

 31.3240, 61.3420,
22.6700

 213.5390, 27.1840,
24.9760

 22.5820, 42.8200,
16.9320

 234.3410, 9.9460,
17.9940

 12.6720, 24.7110,
9.2150

 252.0650, 1.3750,

 0.0000, 0.0000,

2.6150

0.0000

■ 94.7370, 98.2890,
63.4490

■ 94.7370, 98.2890,
63.4490

■ 79.5260, 109.4290,
70.8130

■ 109.9480, 87.1490,
56.0850

■ 76.8360, 111.4920,
71.9720

■ 125.1590, 76.0090,
48.7210

■ 139.8970, 64.8230,
42.1910

■ 155.1080, 53.6830,
34.8270

■ 170.3190, 42.5430,
27.4630

■ 185.5300, 31.4030,
20.0990

■ 200.7410, 20.2630,
12.7350

■ 215.4790, 9.0770,
6.2050

■ 230.6900, -2.0630,
-1.1590

Harmonies

Analogous

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



106.3420, 63.2130, 71.3810



94.7370, 98.2890, 63.4490



106.2510, 97.9760, 19.5440

Triad

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



94.7370, 98.2890, 63.4490



90.2860, -18.0070, -64.6550



107.4200, -115.0820, 4.1340

Complementary

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



94.7370, 98.2890, 63.4490



160.2630, -98.2890, -63.4490

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.



107.7840, -105.0840, -11.8680



94.7370, 98.2890, 63.4490



92.7190, -64.0420, -50.8420

Square

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



94.7370, 98.2890, 63.4490



108.3690, 36.8240, -39.6240



101.5310, -86.0990, -31.0510



96.6090, -110.8200, 15.0040

Rectangle

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



94.7370, 98.2890, 63.4490



109.6290, 87.0230, -7.7370



101.5310, -86.0990, -31.0510



108.0410, -112.6970, -0.5450

Sweetspot

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



94.7370, 98.2890, 63.4490



211.2420, 32.2740, 20.8340



89.0830, 13.5550, 90.2830



101.4420, 19.6670, 12.5230



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.



94.7370, 98.2890, 63.4490



85.9350, 124.6950, 80.4950



104.7090, 111.5460, 26.9220



107.0440, 5.8680, 3.7880



60.3610, 87.4240, 56.6080



17.1870, 24.9390, 16.0990

Inverse Universe

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



94.7370, 98.2890, 63.4490



85.9350, 124.6950, 80.4950



150.2910, -111.5460, -26.9220



107.0440, 5.8680, 3.7880



60.3610, 87.4240, 56.6080



17.1870, 24.9390, 16.0990

Previews

White Background



This preview shows how the YIQ color 94.7370, 98.2890, 63.4490 looks on a white 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

Black Background



This preview shows how the YIQ color 94.7370, 98.2890, 63.4490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

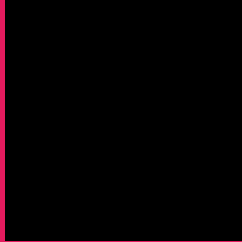
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 94.7370, 98.2890, 63.4490

Background



This preview shows how black text looks on a background with the YIQ color 94.7370, 98.2890, 63.4490.

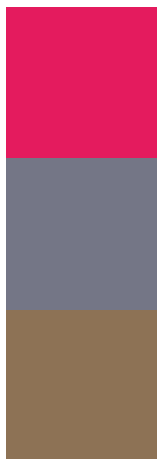


This preview shows how white text looks on a background with the YIQ color 94.7370, 98.2890,

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

94.7370, 98.2890, 63.4490

Protanopia

119.2260, -6.3280, 4.5520

Deuteranopia

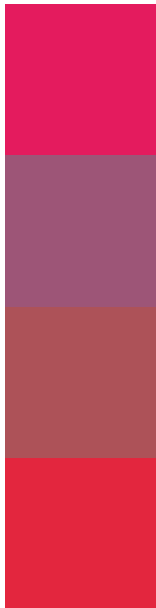
118.7670, 25.4010, -3.2950



Tritanopia

98.4180, 108.4720, 38.5840

Trichromacy



Original Color

94.7370, 98.2890, 63.4490

Protanomaly

110.4040, 31.9980, 25.8380

Deuteranomaly

109.8930, 52.3100, 21.1580

Tritanomaly

97.2470, 104.9400, 47.5320

Monochromacy



Original Color

94.7370, 98.2890, 63.4490

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

94.6770, 35.4830, 23.2510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.7370, 98.2890, 63.4490 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(228, 27, 94)` looks like.

```
.text, #text, p{  
    color:rgb(228, 27, 94)  
}
```

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(228, 27, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 27, 94) }
```

Border

The CSS property to change the border of an element to YIQ 94.7370, 98.2890, 63.4490 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(228, 27, 94) }
```


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

```
.border{ border-color:rgb(228, 27, 94) }
```

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

Here you see how a box with a 4 pixel rgb(228, 27, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 27, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 27, 94);  
box-shadow:4px 4px 4px 4px rgb(228, 27,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 94.7370, 98.2890, 63.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 27, 94) }
```

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

```
.background{ background-color: rgb(228, 27,  
94) }
```

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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