

Converting Colors

YIQ(94.3900, 97.6480, 58.5440)

Have a look what the booklet for
YIQ(94.3900, 97.6480, 58.5440)
contains.

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Color

**YIQ(94.3900, 97.6480,
58.5440)**

Conversions

Conversions Part 1

Format	Color
Hex	E01E56
RGB	224, 30, 86
RGB Percent	88%, 12%, 34%
CMY	0.1211, 0.8826, 0.6624
CMYK	0.00, 0.87, 0.62, 0.12
HSL	343°, 76%, 50%
HSV	343°, 87%, 88%
XYZ	32.9252, 17.4653, 10.4584
YIQ	94.3900, 97.6480, 58.5440

Conversions

Conversions Part 2

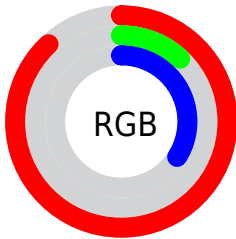
Format	Color
R_{YB}	224, 30, 86
Decimal	14687830
CIE _{Lab}	48.84, 71.67, 20.20
CIE _{LCh}	49, 74.461, 15.741
Yxy	17.4653, 0.5411, 0.2870
Android (android.graphics.Color)	4292877910 (0xFFE01E56)
YUV	94.3900, -4.1363, 113.6680
Hunter-Lab	41.7915, 67.4953, 14.4165

Details

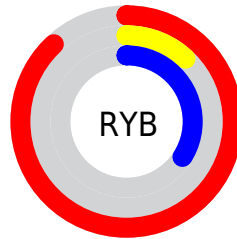
The YIQ color **94.3900, 97.6480, 58.5440** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **159.6100, -97.6480, -58.5440**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.9220, 80.8700, 43.2220**, and **52.9270, 82.4740, 47.1940** is the 20% darker color. If you saturate the color by 10%, you get **79.6520, 108.8340, 65.0740**, and if you desaturate by 10%, it is **109.1280, 86.4620, 52.0140**.

Distribution



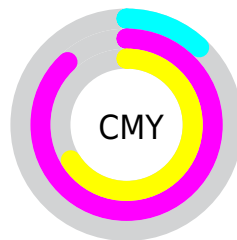
- Red (88%)
- Green (12%)
- Blue (34%)



- Red (88%)
- Yellow (12%)
- Blue (34%)



- Cyan (0%)
- Magenta (87%)
- Yellow (62%)
- Black (12%)





- Cyan (12%)
- Magenta (88%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 94.3900, 97.6480, 58.5440 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 94.3900, 97.6480, 58.5440 by changing the saturation by 10% instead.


 94.3900, 97.6480,
58.5440


 94.3900, 97.6480,
58.5440


255.0000, -0.0000,
-0.0000


 64.5900, 94.2090,
60.2970


 150.9220, 80.8700,
43.2220


 52.9270, 82.4740,
47.1940


 171.0230, 64.2280,
36.4520


 41.3780, 70.4180,
34.4020


 191.5970, 47.6320,
28.8480

 29.7150, 58.6830,
21.2990

 211.8120, 30.6690,
22.3890

 21.2720, 40.7570,
15.7730

 232.7280, 13.1100,
15.7180

 11.1770, 21.7310,
8.1550

 251.4780, 1.6500,

 0.0000, 0.0000,

3.1380

0.0000

■ 94.3900, 97.6480,
58.5440

■ 94.3900, 97.6480,
58.5440

■ 79.6520, 108.8340,
65.0740

■ 109.1280, 86.4620,
52.0140

■ 74.3860, 112.6390,
67.7030

■ 124.4530, 75.0010,
44.9610

■ 139.1910, 63.8150,
38.4310

■ 154.5160, 52.3540,
31.3780

■ 169.2540, 41.1680,
24.8480

■ 183.9920, 29.9820,
18.3180

■ 199.3170, 18.5210,
11.2650

■ 214.0550, 7.3350,
4.7350

■ 229.2660, -3.8050,
-2.6290

Harmonies

Analogous

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



102.3810, 67.4770, 71.1970



94.3900, 97.6480, 58.5440



105.3060, 96.1430, 14.2150

Triad

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



94.3900, 97.6480, 58.5440



81.3380, -32.9530, -69.1210



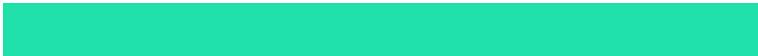
104.8440, -113.3400, 5.6040

Complementary

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



94.3900, 97.6480, 58.5440



159.6100, -97.6480, -58.5440

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.



106.2510, -104.9010, -9.6770



94.3900, 97.6480, 58.5440



92.2290, -65.4180, -47.9300

Square

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



94.3900, 97.6480, 58.5440



105.0910, 31.7350, -41.0090



100.9270, -87.1540, -28.4500



93.5770, -107.7940, 15.2300

Rectangle

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



94.3900, 97.6480, 58.5440



108.7100, 82.3010, -10.2670



100.9270, -87.1540, -28.4500



106.2800, -111.8720, 1.0240

Sweetspot

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



94.3900, 97.6480, 58.5440



210.9000, 33.2370, 19.9010



92.7800, 18.7820, 89.1660



101.2140, 20.3090, 11.9010



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.



94.3900, 97.6480, 58.5440



84.6810, 128.2260, 77.0740



110.8990, 104.8990, 20.7310



104.6310, 5.5930, 3.2650



58.4380, 88.5250, 53.1730



15.9480, 24.1140, 14.5300

Inverse Universe

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



94.3900, 97.6480, 58.5440



84.6810, 128.2260, 77.0740



143.1010, -104.8990, -20.7310



104.6310, 5.5930, 3.2650



58.4380, 88.5250, 53.1730



15.9480, 24.1140, 14.5300

Previews

White Background



This preview shows how the YIQ color 94.3900, 97.6480, 58.5440 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 94.3900, 97.6480, 58.5440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

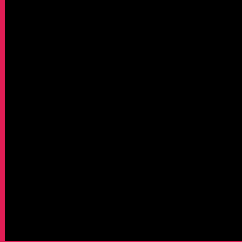
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 94.3900, 97.6480, 58.5440

Background



This preview shows how black text looks on a background with the YIQ color 94.3900, 97.6480, 58.5440.



This preview shows how white text looks on a background with the YIQ color 94.3900, 97.6480,

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

94.3900, 97.6480, 58.5440

Protanopia

117.0970, -1.6510, 2.3890

Deuteranopia

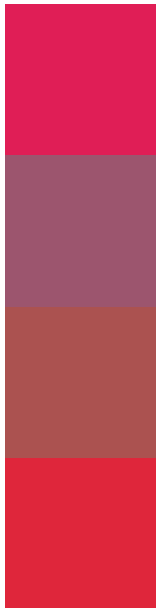
116.3820, 27.9230, -4.9490



Tritanopia

96.8200, 107.2800, 38.1600

Trichromacy



Original Color

94.3900, 97.6480, 58.5440

Protanomaly

109.0790, 34.2910, 22.8270

Deuteranomaly

108.3830, 53.6860, 18.2460

Tritanomaly

95.7090, 103.5190, 45.7510

Monochromacy



Original Color

94.3900, 97.6480, 58.5440

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.2100, 35.3000, 21.0600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.3900, 97.6480, 58.5440 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(224, 30, 86)` looks like.

```
.text, #text, p{  
    color:rgb(224, 30, 86)  
}
```

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(224, 30, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 30, 86) }
```

Border

The CSS property to change the border of an element to YIQ 94.3900, 97.6480, 58.5440 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(224, 30, 86) }
```


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

```
.border{ border-color:rgb(224, 30, 86) }
```

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

Here you see how a box with a 4 pixel rgb(224, 30, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 30, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 30, 86);  
box-shadow:4px 4px 4px 4px rgb(224, 30,  
86) }
```

Background

The CSS property to change the background color of an element to YIQ 94.3900, 97.6480, 58.5440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 30, 86) }
```

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

```
.background{ background-color: rgb(224, 30,  
86) }
```

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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