

Converting Colors

YIQ(98.0590, 92.0510, 77.3870)

Have a look what the booklet for
YIQ(98.0590, 92.0510, 77.3870)
contains.

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Color

**YIQ(98.0590, 92.0510,
77.3870)**

Conversions

Conversions Part 1

Format	Color
Hex	EA1780
RGB	234, 23, 128
RGB Percent	92%, 9%, 50%
CMY	0.0818, 0.9100, 0.4978
CMYK	0.00, 0.90, 0.45, 0.08
HSL	330°, 84%, 50%
HSV	330°, 90%, 92%
XYZ	38.1849, 19.6866, 22.2344
YIQ	98.0590, 92.0510, 77.3870

Conversions

Conversions Part 2

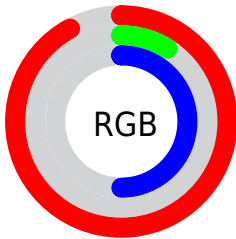
Format	Color
R_{YB}	234, 23, 128
Decimal	15341440
CIE Lab	51.48, 78.07, -1.43
CIE LCh	51, 78.085, 358.952
Yxy	19.6866, 0.4767, 0.2458
Android (android.graphics.Color)	4293531520 (0xFFEA1780)
YUV	98.0590, 14.7609, 119.2203
Hunter-Lab	44.3696, 75.9719, 1.3475

Details

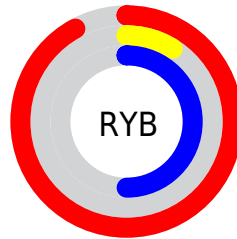
The YIQ color **98.0590, 92.0510, 77.3870** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **158.9410, -92.0510, -77.3870**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **156.1660, 66.1040, 57.5280**, and **60.4340, 77.1530, 61.0330** is the 20% darker color. If you saturate the color by 10%, you get **83.3040, 101.9070, 85.9950**, and if you desaturate by 10%, it is **112.9280, 81.8740, 69.0900**.

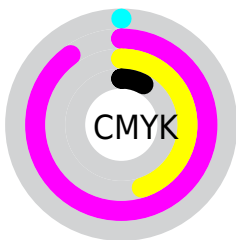
Distribution



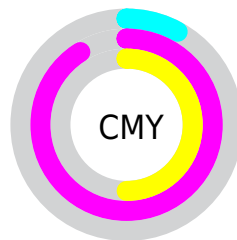
- Red (92%)
- Green (9%)
- Blue (50%)



- Red (92%)
- Yellow (9%)
- Blue (50%)



- Cyan (0%)
- Magenta (90%)
- Yellow (45%)
- Black (8%)





- Cyan (8%)
- Magenta (91%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 98.0590, 92.0510, 77.3870 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 98.0590, 92.0510, 77.3870 by changing the saturation by 10% instead.


 98.0590, 92.0510,
77.3870


 98.0590, 92.0510,
77.3870


255.0000, -0.0000,
-0.0000


 72.4390, 87.9250,
75.0690


 156.1660, 66.1040,
57.5280


 60.4340, 77.1530,
61.0330


 177.4410, 48.9120,
49.7120

 48.6570, 65.7390,
47.6190


 198.2430, 31.6740,
42.7300

 37.2930, 54.6000,
34.7280

 218.0190, 17.3250,
32.9490

 26.0000, 44.6990,
21.4270

 235.6290, 9.0750,
17.2590

 15.4770, 29.7540,
11.4340

 253.2390, 0.8250,

 0.0000, 0.0000,

1.5690

0.0000

■ 98.0590, 92.0510,
77.3870

■ 98.0590, 92.0510,
77.3870

■ 83.3040, 101.9070,
85.9950

■ 112.9280, 81.8740,
69.0900

■ 128.3840, 71.4220,
60.2700

■ 143.1390, 61.5660,
51.6620

■ 158.5950, 51.1140,
42.8420

■ 173.4640, 40.9370,
34.5450

■ 188.3330, 30.7600,
26.2480

■ 203.6750, 20.6290,
17.1170

■ 218.5440, 10.4520,
8.8200

■ 234.0000, -0.0000,
0.0000

Harmonies

Analogous

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



119.3590, 38.1800, 68.0040



98.0590, 92.0510, 77.3870



105.3130, 104.5740, 43.1500

Triad

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



98.0590, 92.0510, 77.3870



105.5350, 12.3890, -53.8430



112.8340, -116.5480, -2.3400

Complementary

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



98.0590, 92.0510, 77.3870



158.9410, -92.0510, -77.3870

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.



109.8410, -101.2310, -21.1270



98.0590, 92.0510, 77.3870



91.0600, -55.2370, -61.7410

Square

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



98.0590, 92.0510, 77.3870



115.0020, 57.2710, -30.2250



101.5020, -79.1280, -41.7520



106.5540, -118.1550, 10.2690

Rectangle

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



98.0590, 92.0510, 77.3870



111.2540, 101.9210, 8.6170



101.5020, -79.1280, -41.7520



112.8850, -112.5580, -8.5740

Sweetspot

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



98.0590, 92.0510, 77.3870



210.5070, 30.2100, 25.2020



78.7480, -4.5550, 88.0930



101.5390, 18.0160, 14.9120



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.



98.0590, 92.0510, 77.3870



90.7230, 111.2130, 93.5570



86.0890, 125.7560, 44.7320



109.8590, 4.9510, 3.8870



64.3790, 78.9860, 66.3620



19.2240, 23.5170, 19.8450

Inverse Universe

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



98.0590, 92.0510, 77.3870



90.7230, 111.2130, 93.5570



170.9110, -125.7560, -44.7320



109.8590, 4.9510, 3.8870



64.3790, 78.9860, 66.3620



19.2240, 23.5170, 19.8450

Previews

White Background



This preview shows how the YIQ color 98.0590, 92.0510, 77.3870 looks on a white background.

Color Contrast Check

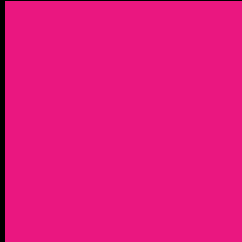
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.0590, 92.0510, 77.3870 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 98.0590, 92.0510, 77.3870

Background



This preview shows how black text looks on a background with the YIQ color 98.0590, 92.0510, 77.3870.



This preview shows how white text looks on a background with the YIQ color 98.0590, 92.0510,

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

98.0590, 92.0510, 77.3870

Protanopia

123.4580, -29.9880, 14.8440

Deuteranopia

124.2680, 11.0490, 3.5050



Tritanopia

106.7380, 104.5750, 37.6230

Trichromacy



Original Color

98.0590, 92.0510, 77.3870



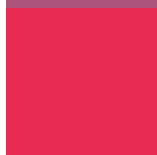
Protanomaly

114.0990, 14.3440, 37.4160



Deuteranomaly

114.6440, 40.2500, 30.4740



Tritanomaly

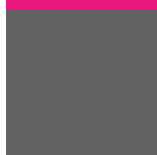
103.9570, 100.1250, 52.1970

Monochromacy



Original Color

98.0590, 92.0510, 77.3870



Achromatopsia

98.0000, -0.0000, -0.0000



Achromatomaly

98.3550, 33.6940, 28.1420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.0590, 92.0510, 77.3870 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(234, 23, 128)` looks like.

```
.text, #text, p{  
    color:rgb(234, 23, 128)  
}
```

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(234, 23, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 23, 128) }
```

Border

The CSS property to change the border of an element to YIQ 98.0590, 92.0510, 77.3870 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(234, 23, 128) }
```


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

```
.border{ border-color:rgb(234, 23, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 23, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 23, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 23, 128);  
box-shadow:4px 4px 4px 4px rgb(234, 23,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 98.0590, 92.0510, 77.3870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 23, 128) }
```

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

```
.background{ background-color: rgb(234, 23,  
128) }
```

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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