

Converting Colors

YIQ(96.9810, 83.5230, 77.7550)

Have a look what the booklet for
YIQ(96.9810, 83.5230, 77.7550)
contains.

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Color

**YIQ(96.9810, 83.5230,
77.7550)**

Conversions

Conversions Part 1

Format	Color
Hex	E11889
RGB	225, 24, 137
RGB Percent	88%, 9%, 54%
CMY	0.1171, 0.9061, 0.4625
CMYK	0.00, 0.89, 0.39, 0.12
HSL	326°, 81%, 49%
HSV	326°, 89%, 88%
XYZ	35.9397, 18.4878, 25.3646
YIQ	96.9810, 83.5230, 77.7550

Conversions

Conversions Part 2

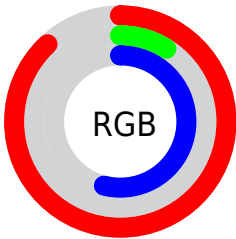
Format	Color
R_{YB}	225, 24, 137
Decimal	14751881
CIE _{Lab}	50.08, 76.72, -9.13
CIE _{LCh}	50, 77.264, 353.217
Yxy	18.4878, 0.4504, 0.2317
Android (android.graphics.Color)	4292941961 (0xFFE11889)
YUV	96.9810, 19.7294, 112.2727
Hunter-Lab	42.9974, 73.9550, -4.8775

Details

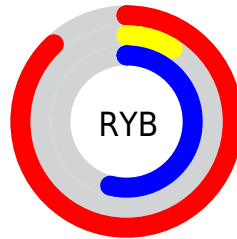
The YIQ color **96.9810, 83.5230, 77.7550** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **152.0190, -83.5230, -77.7550**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **156.6050, 63.4900, 60.8500**, and **58.9540, 69.8170, 61.8250** is the 20% darker color. If you saturate the color by 10%, you get **82.3400, 93.0580, 86.6740**, and if you desaturate by 10%, it is **111.0350, 74.2630, 69.3590**.

Distribution



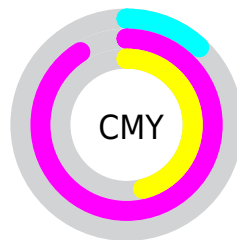
- Red (88%)
- Green (9%)
- Blue (54%)



- Red (88%)
- Yellow (9%)
- Blue (54%)



- Cyan (0%)
- Magenta (89%)
- Yellow (39%)
- Black (12%)





- Cyan (12%)
- Magenta (91%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 96.9810, 83.5230, 77.7550 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 96.9810, 83.5230, 77.7550 by changing the saturation by 10% instead.


 96.9810, 83.5230,
77.7550


 96.9810, 83.5230,
77.7550


255.0000, -0.0000,
-0.0000


 70.7740, 79.6720,
75.9600


 156.6050, 63.4900,
60.8500


 58.9540, 69.8170,
61.8250


 177.4070, 46.2520,
53.8680

 47.3620, 59.3200,
48.3120


 198.3230, 28.6930,
47.1970

 35.8840, 48.5020,
35.1100

 216.8450, 17.8750,
33.9950

 25.5310, 38.8300,
23.1660

 234.4550, 9.6250,
18.3050

 13.9820, 26.7740,
10.3740

 252.6520, 1.1000,

 0.0000, 0.0000,

2.0920

0.0000

■ 96.9810, 83.5230,
77.7550

■ 96.9810, 83.5230,
77.7550

■ 82.3400, 93.0580,
86.6740

■ 111.0350, 74.2630,
69.3590

■ 81.7530, 93.3330,
87.1970

■ 125.6760, 64.7280,
60.4400

■ 139.7300, 55.4680,
52.0440

■ 154.2570, 46.2540,
42.8140

■ 168.8980, 36.7190,
33.8950

■ 182.9520, 27.4590,
25.4990

■ 197.5930, 17.9240,
16.5800

■ 211.6470, 8.6640,
8.1840

■ 226.2880, -0.8710,
-0.7350

Harmonies

Analogous

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



118.4820, 24.4720, 63.1280



96.9810, 83.5230, 77.7550



98.3980, 103.1970, 51.5890

Triad

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



96.9810, 83.5230, 77.7550



105.6010, 21.1910, -48.1610



110.1780, -111.8250, -5.3370

Complementary

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



96.9810, 83.5230, 77.7550



152.0190, -83.5230, -77.7550

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.



105.6690, -94.9950, -24.0110



96.9810, 83.5230, 77.7550



85.9590, -47.7630, -65.0350

Square

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



96.9810, 83.5230, 77.7550



112.1000, 63.0470, -24.7690



97.3300, -72.8920, -44.6360



106.0980, -116.8710, 9.0250

Rectangle

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



96.9810, 83.5230, 77.7550



106.8060, 100.7270, 19.2470



97.3300, -72.8920, -44.6360



108.9410, -106.9640, -10.8360

Sweetspot

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



96.9810, 83.5230, 77.7550



211.0770, 28.6050, 26.7570



72.9270, -12.6690, 80.9550



101.8810, 17.0530, 15.8450



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.



96.9810, 83.5230, 77.7550



92.5470, 106.0770, 98.5330



85.5810, 115.6230, 46.6550



104.9730, 4.6300, 4.1980



63.9100, 73.1170, 68.1010



17.4300, 19.9410, 18.5730

Inverse Universe

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



96.9810, 83.5230, 77.7550



92.5470, 106.0770, 98.5330



163.4190, -115.6230, -46.6550



104.9730, 4.6300, 4.1980



63.9100, 73.1170, 68.1010



17.4300, 19.9410, 18.5730

Previews

White Background



This preview shows how the YIQ color 96.9810, 83.5230, 77.7550 looks on a white background.

Color Contrast Check

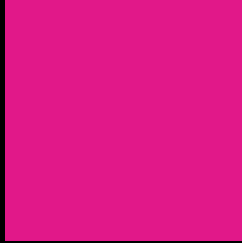
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.9810, 83.5230, 77.7550 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 96.9810, 83.5230, 77.7550

Background



This preview shows how black text looks on a background with the YIQ color 96.9810, 83.5230, 77.7550.



This preview shows how white text looks on a background with the YIQ color 96.9810, 83.5230,

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

96.9810, 83.5230, 77.7550

Protanopia

118.5910, -40.4880, 17.9120

Deuteranopia

121.4290, 3.3460, 5.4420



Tritanopia

106.6660, 95.9100, 34.9660

Trichromacy



Original Color

96.9810, 83.5230, 77.7550



Protanomaly

110.8900, 4.8070, 39.5510



Deuteranomaly

112.3920, 32.2720, 31.8880



Tritanomaly

103.4120, 91.4140, 50.3740

Monochromacy



Original Color

96.9810, 83.5230, 77.7550



Achromatopsia

97.0000, -0.0000, 0.0000



Achromatomaly

96.9140, 30.6220, 28.7500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.9810, 83.5230, 77.7550 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(225, 24, 137)` looks like.

```
.text, #text, p{  
    color:rgb(225, 24, 137)  
}
```

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(225, 24, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 24, 137) }
```

Border

The CSS property to change the border of an element to YIQ 96.9810, 83.5230, 77.7550 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(225, 24, 137) }
```


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

```
.border{ border-color:rgb(225, 24, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 24, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 24, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 24, 137);  
box-shadow:4px 4px 4px 4px rgb(225, 24,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 96.9810, 83.5230, 77.7550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 24, 137) }
```

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

```
.background{ background-color: rgb(225, 24,  
137) }
```

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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