

Converting Colors

YIQ(84.8290, 96.1750, 90.7590)

Have a look what the booklet for
YIQ(84.8290, 96.1750, 90.7590)
contains.

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Color

**YIQ(84.8290, 96.1750,
90.7590)**

Conversions

Conversions Part 1

Format	Color
Hex	E90085
RGB	233, 0, 133
RGB Percent	91%, 0%, 52%
CMY	0.0856, 0.9998, 0.4782
CMYK	0.00, 1.00, 0.43, 0.09
HSL	326°, 100%, 46%
HSV	326°, 100%, 91%
XYZ	37.8959, 19.0464, 23.8950
YIQ	84.8290, 96.1750, 90.7590

Conversions

Conversions Part 2

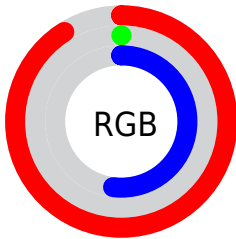
Format	Color
R_{YB}	233, 0, 133
Decimal	15270021
CIE _{Lab}	50.74, 80.33, -5.57
CIE _{LCh}	51, 80.520, 356.037
Yxy	19.0464, 0.4688, 0.2356
Android (android.graphics.Color)	4293460101 (0xFFE90085)
YUV	84.8290, 23.7483, 129.9460
Hunter-Lab	43.6422, 78.6233, -1.9130

Details

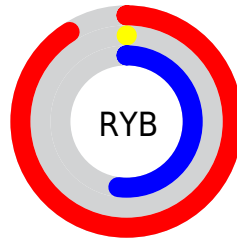
The YIQ color **84.8290, 96.1750, 90.7590** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **148.1710, -96.1750, -90.7590**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **153.2140, 66.1490, 62.2210**, and **60.7050, 74.9520, 62.3760** is the 20% darker color. If you saturate the color by 10%, you get **84.8290, 96.1750, 90.7590**, and if you desaturate by 10%, it is **99.4700, 86.6400, 81.8400**.

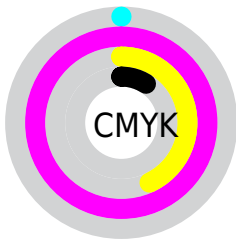
Distribution



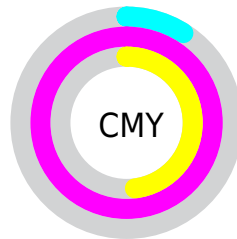
- Red (91%)
- Green (0%)
- Blue (52%)



- Red (91%)
- Yellow (0%)
- Blue (52%)



- Cyan (0%)
- Magenta (100%)
- Yellow (43%)
- Black (9%)





- Cyan (9%)
- Magenta (100%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 84.8290, 96.1750, 90.7590 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 84.8290, 96.1750, 90.7590 by changing the saturation by 10% instead.


 84.8290, 96.1750,
90.7590


 84.8290, 96.1750,
90.7590


255.0000, -0.0000,
-0.0000


 72.7100, 85.7240,
76.4120


 153.2140, 66.1490,
62.2210


 60.7050, 74.9520,
62.3760


 175.1900, 48.3610,
54.1930


 48.8140, 63.8590,
48.6510


 195.9920, 31.1230,
47.2110

 37.3360, 53.0410,
35.4490

 215.0840, 18.7000,
35.5640

 26.6840, 42.7730,
23.2930

 232.6940, 10.4500,
19.8740

 15.1780, 29.1580,
11.2220

 250.8910, 1.9250,

 0.0000, 0.0000,

3.6610

0.0000

■ 84.8290, 96.1750,
90.7590

■ 99.4700, 86.6400,
81.8400

■ 114.6980, 76.8300,
72.3980

■ 129.3390, 67.2950,
63.4790

■ 143.9800, 57.7600,
54.5600

■ 159.2080, 47.9500,
45.1180

■ 173.8490, 38.4150,
36.1990

■ 188.4900, 28.8800,
27.2800

■ 203.7180, 19.0700,
17.8380

■ 218.3590, 9.5350,
8.9190

Harmonies

Analogous

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



118.2490, 32.6780, 68.5980



84.8290, 96.1750, 90.7590



97.4480, 108.9280, 52.3520

Triad

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



84.8290, 96.1750, 90.7590



104.9700, 15.5980, -51.4260



112.4920, -115.5850, -3.2730

Complementary

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



84.8290, 96.1750, 90.7590



148.1710, -96.1750, -90.7590

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.



108.5700, -99.0300, -22.4700



84.8290, 96.1750, 90.7590



88.2900, -50.1930, -65.0490

Square

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



84.8290, 96.1750, 90.7590



113.8500, 60.7550, -27.2850



99.8890, -75.9640, -44.0280



107.1410, -118.4300, 9.7460

Rectangle

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



84.8290, 96.1750, 90.7590



107.2100, 105.2210, 14.8930



99.8890, -75.9640, -44.0280



111.8420, -110.9990, -9.2950

Sweetspot

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



84.8290, 96.1750, 90.7590



206.6260, 31.4930, 29.4850



55.5650, -16.9810, 93.0270



98.7180, 19.0700, 17.8380



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.



84.8290, 96.1750, 90.7590



92.8890, 105.1140, 99.4660



71.8330, 132.7690, 55.3050



109.9730, 4.6300, 4.1980



65.8610, 74.8130, 70.4050



19.6800, 22.2330, 21.0890

Inverse Universe

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



84.8290, 96.1750, 90.7590



92.8890, 105.1140, 99.4660



161.1670, -132.7690, -55.3050



109.9730, 4.6300, 4.1980



65.8610, 74.8130, 70.4050



19.6800, 22.2330, 21.0890

Previews

White Background



This preview shows how the YIQ color 84.8290, 96.1750, 90.7590 looks on a white background.

Color Contrast Check

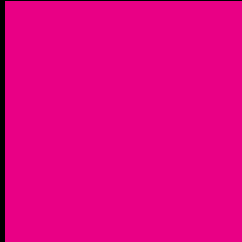
Large Text (above 18pt) WCAG AA ✓ Pass

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 84.8290, 96.1750, 90.7590 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 84.8290, 96.1750, 90.7590

Background



This preview shows how black text looks on a background with the YIQ color 84.8290, 96.1750, 90.7590.



This preview shows how white text looks on a background with the YIQ color 84.8290, 96.1750,

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

84.8290, 96.1750, 90.7590

Protanopia

120.9180, -37.0950, 16.9930

Deuteranopia

123.9410, 7.6560, 4.4240



Tritanopia

105.7380, 104.5750, 37.6230

Trichromacy



Original Color

84.8290, 96.1750, 90.7590



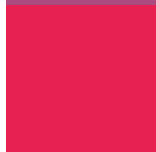
Protanomaly

107.6460, 11.5460, 44.0740



Deuteranomaly

109.9200, 39.6530, 35.7890



Tritanomaly

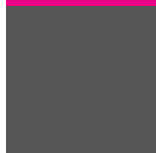
98.4890, 101.6830, 57.0030

Monochromacy



Original Color

84.8290, 96.1750, 90.7590



Achromatopsia

85.0000, -0.0000, 0.0000



Achromatomaly

84.8870, 35.2520, 32.9480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.8290, 96.1750, 90.7590 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(233, 0, 133)` looks like.

```
.text, #text, p{  
    color:rgb(233, 0, 133)  
}
```

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(233, 0, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 0, 133) }
```

Border

The CSS property to change the border of an element to YIQ 84.8290, 96.1750, 90.7590 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(233, 0, 133) }
```


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

```
.border{ border-color:rgb(233, 0, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 0, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 0, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 0, 133);  
box-shadow:4px 4px 4px 4px rgb(233, 0,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 84.8290, 96.1750, 90.7590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 0, 133) }
```

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

```
.background{ background-color: rgb(233, 0,  
133) }
```

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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