

Converting Colors

YIQ(103.7130, 81.6420, 84.3140)

Have a look what the booklet for
YIQ(103.7130, 81.6420, 84.3140)
contains.

YIQ(103.7130, 81.6420, 84.3140)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(103.7130, 81.6420,
84.3140)**

Conversions

Conversions Part 1

Format	Color
Hex	EA1B9D
RGB	234, 27, 157
RGB Percent	92%, 11%, 62%
CMY	0.0818, 0.8944, 0.3841
CMYK	0.00, 0.88, 0.33, 0.08
HSL	322°, 83%, 51%
HSV	322°, 88%, 92%
XYZ	40.4603, 20.7334, 33.7932
YIQ	103.7130, 81.6420, 84.3140

Conversions

Conversions Part 2

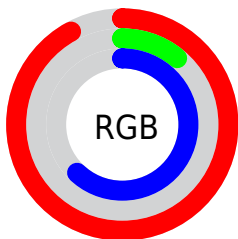
Format	Color
RYB	234, 27, 157
Decimal	15342493
CIELab	52.66, 80.19, -17.04
CIELCh	53, 81.983, 348.005
Yxy	20.7334, 0.4260, 0.2183
Android (android.graphics.Color)	4293532573 (0xFFEA1B9D)
YUV	103.7130, 26.2705, 114.2617
Hunter-Lab	45.5339, 78.9266, -12.1287

Details

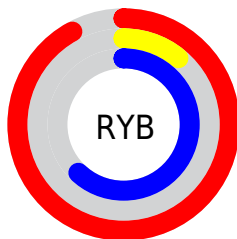
The YIQ color **103.7130, 81.6420, 84.3140** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **157.2870, -81.6420, -84.3140**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **161.4610, 55.3280, 65.6000**, and **63.8110, 69.0820, 69.6420** is the 20% darker color. If you saturate the color by 10%, you get **89.1860, 90.8560, 93.5440**, and if you desaturate by 10%, it is **118.2400, 72.4280, 75.0840**.

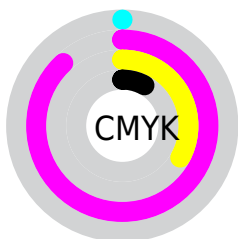
Distribution



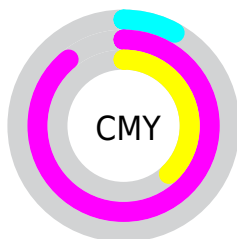
- Red (92%)
- Green (11%)
- Blue (62%)



- Red (92%)
- Yellow (11%)
- Blue (62%)



- Cyan (0%)
- Magenta (88%)
- Yellow (33%)
- Black (8%)





- Cyan (8%)
- Magenta (89%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 103.7130, 81.6420, 84.3140 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 103.7130, 81.6420, 84.3140 by changing the saturation by 10% instead.


 103.7130, 81.6420,
84.3140


 103.7130, 81.6420,
84.3140


255.0000, -0.0000,
-0.0000


 75.6310, 78.9370,
83.7770


 161.4610, 55.3280,
65.6000


 63.8110, 69.0820,
69.6420


 182.2630, 38.0900,
58.6180

 51.9910, 59.2270,
55.5070


 202.1700, 24.7500,
47.0700

 40.3990, 48.7300,
41.9940

 219.7800, 16.5000,
31.3800

 29.3340, 38.1870,
29.3150

 237.3900, 8.2500,
15.6900

 17.9270, 28.6070,
15.7030

 4.1860, 8.3440,

2.9680

■ 0.0000, 0.0000,
0.0000

■ 103.7130, 81.6420,
84.3140

■ 103.7130, 81.6420,
84.3140

■ 89.1860, 90.8560,
93.5440

■ 118.2400, 72.4280,
75.0840

■ 86.7240, 92.2770,
95.3250

■ 133.2400, 63.2600,
65.0200

■ 147.7670, 54.0460,
55.7900

■ 162.8810, 44.5570,
46.0370

■ 177.4080, 35.3430,
36.8070

■ 191.8210, 26.4500,
27.2660

■ 206.9350, 16.9610,
17.5130

■ 221.4620, 7.7470,
8.2830

■ 236.4620, -1.4210,
-1.7810

Harmonies

Analogous

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



126.8490, 13.1930, 63.7930



103.7130, 81.6420, 84.3140



96.6740, 111.7680, 66.9680

Triad

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



103.7130, 81.6420, 84.3140



113.0320, 30.2230, -46.6490



116.0310, -115.9050, -8.4890

Complementary

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



103.7130, 81.6420, 84.3140



157.2870, -81.6420, -84.3140

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.



110.1370, -96.5530, -28.8170



103.7130, 81.6420, 84.3140



86.8760, -40.7000, -77.4040

Square

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



103.7130, 81.6420, 84.3140



118.3680, 74.0960, -21.2640



100.5270, -72.2490, -50.7850



113.0110, -121.1800, 4.5160

Rectangle

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



103.7130, 81.6420, 84.3140



109.5610, 109.2070, 30.7670



100.5270, -72.2490, -50.7850



114.5660, -110.4020, -14.6100

Sweetspot

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



103.7130, 81.6420, 84.3140



211.5330, 27.3210, 28.0010



73.3220, -21.1510, 80.4890



102.1090, 16.4110, 16.4670



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.



103.7130, 81.6420, 84.3140



94.4850, 100.6200, 103.8200



92.0850, 114.3840, 52.5920



110.0870, 4.3090, 4.5090



67.1150, 71.2820, 73.8260



20.0220, 21.2700, 22.0220

Inverse Universe

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



103.7130, 81.6420, 84.3140



94.4850, 100.6200, 103.8200



169.0290, -114.7050, -52.2810



110.0870, 4.3090, 4.5090



67.1150, 71.2820, 73.8260



20.0220, 21.2700, 22.0220

Previews

White Background



This preview shows how the YIQ color 103.7130, 81.6420, 84.3140 looks on a white background.

Color Contrast Check

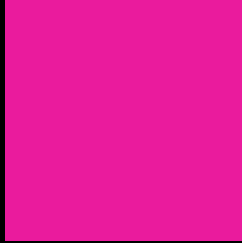
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.7130, 81.6420, 84.3140 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 103.7130, 81.6420, 84.3140

Background



This preview shows how black text looks on a background with the YIQ color 103.7130, 81.6420, 84.3140.



This preview shows how white text looks on a background with the YIQ color 103.7130, 81.6420,

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

103.7130, 81.6420, 84.3140

Protanopia

122.0980, -54.9770, 21.6870

Deuteranopia

127.5300, -4.1280, 8.7360



Tritanopia

114.7800, 95.5890, 35.2770

Trichromacy



Original Color

103.7130, 81.6420, 84.3140



Protanomaly

115.3760, -5.1890, 44.4990



Deuteranomaly

118.8030, 26.8610, 36.3410



Tritanomaly

110.8080, 90.3590, 52.9750

Monochromacy



Original Color

103.7130, 81.6420, 84.3140



Achromatopsia

104.0000, -0.0000, -0.0000



Achromatomaly

103.7830, 29.6130, 30.5170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.7130, 81.6420, 84.3140 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, 27, 157)` looks like.

```
.text, #text, p{  
    color:rgb(234, 27, 157)  
}
```

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, 27, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 27, 157) }
```

Border

The CSS property to change the border of an element to YIQ 103.7130, 81.6420, 84.3140 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, 27, 157) }
```


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

```
.border{ border-color:rgb(234, 27, 157) }
```

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

Here you see how a box with a 4 pixel rgb(234, 27, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 27, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 27, 157);  
box-shadow:4px 4px 4px 4px rgb(234, 27,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 103.7130, 81.6420, 84.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 27, 157) }
```

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

```
.background{ background-color: rgb(234, 27,  
157) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor