

Converting Colors

YIQ(83.0170, 74.6740, 78.4340)

Have a look what the booklet for
YIQ(83.0170, 74.6740, 78.4340)
contains.

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Color

**YIQ(83.0170, 74.6740,
78.4340)**

Conversions

Conversions Part 1

Format	Color
Hex	CB0C86
RGB	203, 12, 134
RGB Percent	80%, 5%, 53%
CMY	0.2034, 0.9531, 0.4743
CMYK	0.00, 0.94, 0.34, 0.20
HSL	322°, 89%, 42%
HSV	322°, 94%, 80%
XYZ	29.1026, 14.6992, 23.8764
YIQ	83.0170, 74.6740, 78.4340

Conversions

Conversions Part 2

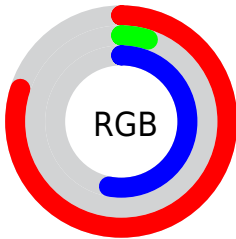
Format	Color
R_{YB}	203, 12, 134
Decimal	13307014
CIE Lab	45.22, 73.13, -15.05
CIE LCh	45, 74.660, 348.367
Yxy	14.6992, 0.4300, 0.2172
Android (android.graphics.Color)	4291497094 (0xFFCB0C86)
YUV	83.0170, 25.1346, 105.2251
Hunter-Lab	38.3395, 68.4010, -10.0860

Details

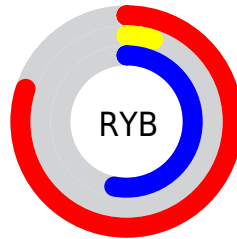
The YIQ color **83.0170, 74.6740, 78.4340** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **131.9830, -74.6740, -78.4340**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **151.5670, 66.6530, 64.1010**, and **52.3330, 58.2640, 56.4400** is the 20% darker color. If you saturate the color by 10%, you get **75.5170, 79.2580, 83.4660**, and if you desaturate by 10%, it is **95.5550, 66.9270, 70.1510**.

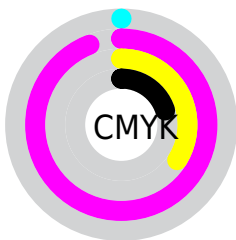
Distribution



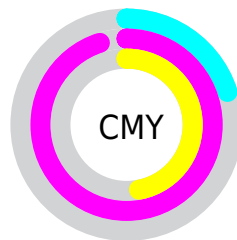
- Red (80%)
- Green (5%)
- Blue (53%)



- Red (80%)
- Yellow (5%)
- Blue (53%)



- Cyan (0%)
- Magenta (94%)
- Yellow (34%)
- Black (20%)




- Cyan (20%)
- Magenta (95%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 83.0170, 74.6740, 78.4340 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 83.0170, 74.6740, 78.4340 by changing the saturation by 10% instead.


 83.0170, 74.6740, 78.4340


 83.0170, 74.6740, 78.4340


255.0000, -0.0000, -0.0000


 64.1530, 68.1190, 70.5750


 151.5670, 66.6530, 64.1010


 52.3330, 58.2640, 56.4400


 172.3690, 49.4150, 57.1190


 41.0400, 48.3630, 43.1390


 192.6980, 32.1310, 50.9710

 29.8610, 38.1410, 30.1490

 211.5620, 20.3500, 38.7020

 19.2800, 29.1110, 17.5830

 228.5850, 12.3750, 23.5350

 6.2790, 12.5160, 4.4520

 246.1950, 4.1250,

 0.0000, 0.0000,

7.8450

0.0000

■ 83.0170, 74.6740,
78.4340

■ 83.0170, 74.6740,
78.4340

■ 75.5170, 79.2580,
83.4660

■ 95.5550, 66.9270,
70.1510

■ 108.7940, 58.5840,
61.6560

■ 121.3320, 50.8370,
53.3730

■ 133.8700, 43.0900,
45.0900

■ 147.1090, 34.7470,
36.5950

■ 159.6470, 27.0000,
28.3120

■ 172.1850, 19.2530,
20.0290

■ 184.8370, 11.1850,
12.0570

■ 197.9620, 3.1630,
3.2510

Harmonies

Analogous

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



107.4480, 12.6440, 57.2200



83.0170, 74.6740, 78.4340



76.2920, 101.0400, 63.1520

Triad

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



83.0170, 74.6740, 78.4340



96.4970, 24.7200, -40.5280



99.6970, -100.2250, -6.3130

Complementary

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



83.0170, 74.6740, 78.4340



131.9830, -74.6740, -78.4340

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.



94.6010, -83.1200, -24.4640



83.0170, 74.6740, 78.4340



73.9620, -34.6500, -65.8980

Square

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



83.0170, 74.6740, 78.4340



101.2020, 63.0000, -18.4080



86.0170, -61.7050, -43.6330



97.9480, -107.7010, 8.0350

Rectangle

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



83.0170, 74.6740, 78.4340



91.8090, 96.6450, 27.1490



86.0170, -61.7050, -43.6330



98.4600, -95.3640, -11.8120

Sweetspot

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



83.0170, 74.6740, 78.4340



210.3590, 27.8710, 29.0470



53.8070, -21.3790, 73.6050



100.3480, 17.2360, 18.0360



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.



83.0170, 74.6740, 78.4340



94.8270, 99.6570, 104.7530



72.4150, 104.5270, 49.5110



95.6740, 4.0340, 3.9860



61.7180, 64.9100, 68.1580



14.0980, 14.9440, 15.5200

Inverse Universe

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



83.0170, 74.6740, 78.4340



94.8270, 99.6570, 104.7530



142.5850, -104.5270, -49.5110



95.6740, 4.0340, 3.9860



61.7180, 64.9100, 68.1580



14.0980, 14.9440, 15.5200

Previews

White Background



This preview shows how the YIQ color 83.0170, 74.6740, 78.4340 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 83.0170, 74.6740, 78.4340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

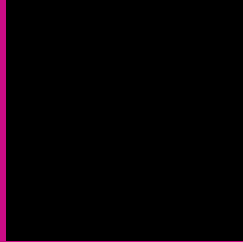
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 83.0170, 74.6740, 78.4340

Background



This preview shows how black text looks on a background with the YIQ color 83.0170, 74.6740, 78.4340.



This preview shows how white text looks on a background with the YIQ color 83.0170, 74.6740,

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

83.0170, 74.6740, 78.4340

Protanopia

104.9260, -48.7410, 18.8030

Deuteranopia

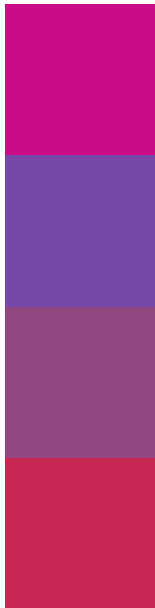
109.6610, -3.1190, 6.9690



Tritanopia

97.2840, 85.1820, 31.1500

Trichromacy



Original Color

83.0170, 74.6740, 78.4340

Protanomaly

96.9260, -4.0420, 40.2300

Deuteranomaly

100.2110, 25.5320, 32.8920

Tritanomaly

92.2690, 81.5110, 48.1270

Monochromacy



Original Color

83.0170, 74.6740, 78.4340

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

83.0600, 27.2750, 28.8350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 83.0170, 74.6740, 78.4340 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(203, 12, 134)` looks like.

```
.text, #text, p{  
    color:rgb(203, 12, 134)  
}
```

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(203, 12, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 12, 134) }
```

Border

The CSS property to change the border of an element to YIQ 83.0170, 74.6740, 78.4340 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(203, 12, 134) }
```


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

```
.border{ border-color:rgb(203, 12, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 12, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 12, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 12, 134);  
box-shadow:4px 4px 4px 4px rgb(203, 12,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 83.0170, 74.6740, 78.4340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 12, 134) }
```

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

```
.background{ background-color: rgb(203, 12,  
134) }
```

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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