

Converting Colors

YIQ(83.6240, 71.6470, 83.7350)

Have a look what the booklet for
YIQ(83.6240, 71.6470, 83.7350)
contains.

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Color

**YIQ(83.6240, 71.6470,
83.7350)**

Conversions

Conversions Part 1

Format	Color
Hex	CC0A93
RGB	204, 10, 147
RGB Percent	80%, 4%, 58%
CMY	0.1995, 0.9610, 0.4233
CMYK	0.00, 0.95, 0.28, 0.20
HSL	318°, 91%, 42%
HSV	318°, 95%, 80%
XYZ	30.3178, 15.1804, 28.9547
YIQ	83.6240, 71.6470, 83.7350

Conversions

Conversions Part 2

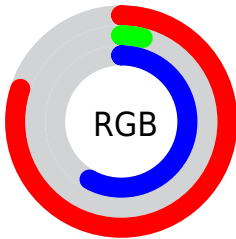
Format	Color
R_{YB}	204, 10, 147
Decimal	13372051
CIE _{Lab}	45.88, 74.90, -21.92
CIE _{LCh}	46, 78.047, 343.687
Yxy	15.1804, 0.4072, 0.2039
Android (android.graphics.Color)	4291562131 (0xFFCC0A93)
YUV	83.6240, 31.2444, 105.5698
Hunter-Lab	38.9621, 70.7137, -16.7879

Details

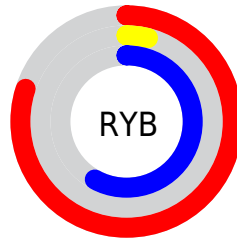
The YIQ color **83.6240, 71.6470, 83.7350** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **130.3760, -71.6470, -83.7350**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **153.1630, 62.1590, 68.4550**, and **54.2990, 55.6040, 60.5960** is the 20% darker color. If you saturate the color by 10%, you get **77.4120, 75.3600, 88.0320**, and if you desaturate by 10%, it is **96.0480, 64.2210, 75.1410**.

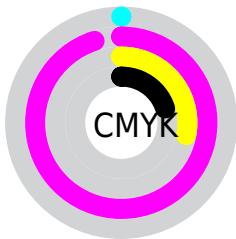
Distribution



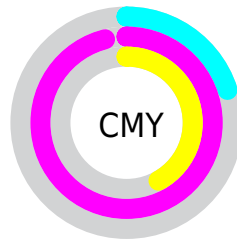
- Red (80%)
- Green (4%)
- Blue (58%)



- Red (80%)
- Yellow (4%)
- Blue (58%)



- Cyan (0%)
- Magenta (95%)
- Yellow (28%)
- Black (20%)





- Cyan (20%)
- Magenta (96%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 83.6240, 71.6470, 83.7350 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 83.6240, 71.6470, 83.7350 by changing the saturation by 10% instead.


 83.6240, 71.6470,
83.7350


 83.6240, 71.6470,
83.7350


255.0000, -0.0000,
-0.0000


 65.8200, 64.8630,
74.5190


 153.1630, 62.1590,
68.4550


 54.2990, 55.6040,
60.5960


 173.9650, 44.9210,
61.4730


 42.8920, 46.0240,
46.9840


 194.5390, 28.3250,
53.8690

 31.5990, 36.1230,
33.6830

 211.5620, 20.3500,
38.7020

 20.8330, 26.1760,
21.2160

 229.1720, 12.1000,
23.0120

 8.1870, 15.7710,
6.0350

 246.7820, 3.8500,

 0.0000, 0.0000,

7.3220

0.0000

■ 83.6240, 71.6470,
83.7350

■ 83.6240, 71.6470,
83.7350

■ 77.4120, 75.3600,
88.0320

■ 96.0480, 64.2210,
75.1410

■ 109.0590, 56.5200,
66.0240

■ 121.4830, 49.0940,
57.4300

■ 134.4940, 41.3930,
48.3130

■ 146.9180, 33.9670,
39.7190

■ 159.3420, 26.5410,
31.1250

■ 172.3530, 18.8400,
22.0080

■ 184.7770, 11.4140,
13.4140

■ 197.7880, 3.7130,
4.2970

Harmonies

Analogous

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



109.5760, 0.5400, 56.3160



83.6240, 71.6470, 83.7350



74.8290, 104.2020, 71.9300

Triad

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



83.6240, 71.6470, 83.7350



98.9000, 30.9550, -37.8850



101.3440, -100.7290, -8.1930

Complementary

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



83.6240, 71.6470, 83.7350



130.3760, -71.6470, -83.7350

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.



95.5640, -81.6980, -28.2100



83.6240, 71.6470, 83.7350



75.1360, -35.2000, -66.9440

Square

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



83.6240, 71.6470, 83.7350



102.1430, 70.6560, -13.9840



85.9370, -58.7240, -48.1000



101.4530, -110.6810, 6.9750

Rectangle

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



83.6240, 71.6470, 83.7350



88.7810, 103.0160, 38.3440



85.9370, -58.7240, -48.1000



99.7650, -94.9050, -14.6250

Sweetspot

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



83.6240, 71.6470, 83.7350



209.0540, 27.4120, 31.8600



48.5610, -29.4940, 71.9940



99.9890, 16.8690, 19.1810



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.



83.6240, 71.6470, 83.7350



96.7650, 94.2000, 110.0400



72.7940, 102.1420, 54.1900



95.7880, 3.7130, 4.2970



62.9720, 61.3790, 71.5790



14.4400, 13.9810, 16.4530

Inverse Universe

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



83.6240, 71.6470, 83.7350



96.7650, 94.2000, 110.0400



141.2060, -102.1420, -54.1900



95.7880, 3.7130, 4.2970



62.9720, 61.3790, 71.5790



14.4400, 13.9810, 16.4530

Previews

White Background



This preview shows how the YIQ color 83.6240, 71.6470, 83.7350 looks on a white background.

Color Contrast Check

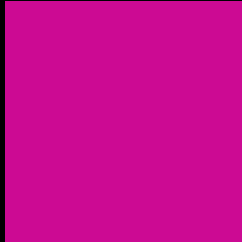
Large Text (above 18pt) WCAG AA ✓ Pass

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 83.6240, 71.6470, 83.7350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

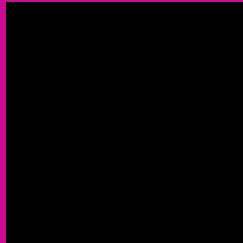
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 83.6240, 71.6470, 83.7350

Background



This preview shows how black text looks on a background with the YIQ color 83.6240, 71.6470, 83.7350.



This preview shows how white text looks on a background with the YIQ color 83.6240, 71.6470,

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

83.6240, 71.6470, 83.7350

Protanopia

102.7810, -64.3300, 20.4860

Deuteranopia

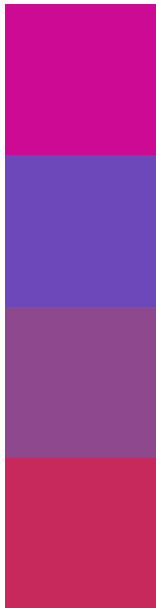
111.0070, -9.9050, 8.8070



Tritanopia

100.2020, 82.4770, 30.6130

Trichromacy



Original Color

83.6240, 71.6470, 83.7350

Protanomaly

96.0590, -14.5420, 43.2980

Deuteranomaly

100.7960, 19.5710, 36.2990

Tritanomaly

94.3550, 78.3930, 49.5690

Monochromacy



Original Color

83.6240, 71.6470, 83.7350

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

83.9290, 26.2660, 30.6020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 83.6240, 71.6470, 83.7350 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(204, 10, 147)` looks like.

```
.text, #text, p{  
    color:rgb(204, 10, 147)  
}
```

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(204, 10, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 10, 147) }
```

Border

The CSS property to change the border of an element to YIQ 83.6240, 71.6470, 83.7350 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(204, 10, 147) }
```


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

```
.border{ border-color:rgb(204, 10, 147) }
```

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

Here you see how a box with a 4 pixel rgb(204, 10, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 10, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 10, 147);  
box-shadow:4px 4px 4px 4px rgb(204, 10,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 83.6240, 71.6470, 83.7350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 10, 147) }
```

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

```
.background{ background-color: rgb(204, 10,  
147) }
```

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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