

Converting Colors

YIQ(83.2950, 71.7360, 98.6480)

Have a look what the booklet for
YIQ(83.2950, 71.7360, 98.6480)
contains.

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Color

**YIQ(83.2950, 71.7360,
98.6480)**

Conversions

Conversions Part 1

Format	Color
Hex	D500AC
RGB	213, 0, 172
RGB Percent	84%, 0%, 67%
CMY	0.1641, 0.9999, 0.3253
CMYK	0.00, 1.00, 0.19, 0.16
HSL	312°, 100%, 42%
HSV	312°, 100%, 84%
XYZ	34.9361, 17.1496, 40.5180
YIQ	83.2950, 71.7360, 98.6480

Conversions

Conversions Part 2

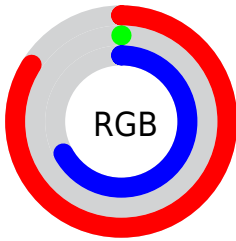
Format	Color
RYB	213, 0, 172
Decimal	13959340
CIELab	48.45, 80.37, -32.74
CIELCh	48, 86.783, 337.837
Yxy	17.1496, 0.3773, 0.1852
Android (android.graphics.Color)	4292149420 (0xFFD500AC)
YUV	83.2950, 43.7316, 113.7513
Hunter-Lab	41.4121, 78.1153, -29.0216

Details

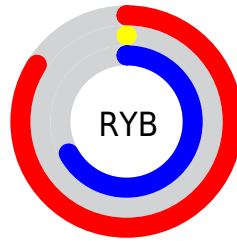
The YIQ color **83.2950, 71.7360, 98.6480** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **129.7050, -71.7360, -98.6480**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **156.8280, 53.2170, 76.3290**, and **59.3130, 52.9890, 69.4450** is the 20% darker color. If you saturate the color by 10%, you get **83.2950, 71.7360, 98.6480**, and if you desaturate by 10%, it is **96.0780, 64.6770, 88.9090**.

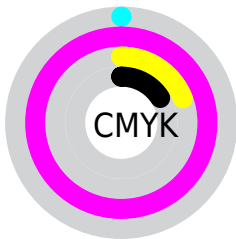
Distribution



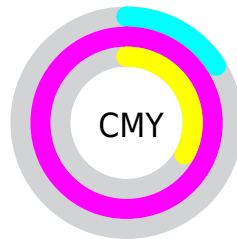
- Red (84%)
- Green (0%)
- Blue (67%)



- Red (84%)
- Yellow (0%)
- Blue (67%)



- Cyan (0%)
- Magenta (100%)
- Yellow (19%)
- Black (16%)





- Cyan (16%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 83.2950, 71.7360, 98.6480 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 83.2950, 71.7360, 98.6480 by changing the saturation by 10% instead.


 83.2950, 71.7360,
98.6480


 83.2950, 71.7360,
98.6480


255.0000, -0.0000,
-0.0000


 71.2470, 62.5230,
83.8910


 156.8280, 53.2170,
76.3290


 59.3130, 52.9890,
69.4450


 178.1030, 36.0250,
68.5130


 47.7920, 43.7300,
55.5220


 195.7130, 27.7750,
52.8230

 36.3850, 34.1500,
41.9100

 213.3230, 19.5250,
37.1330

 25.6900, 25.4410,
29.0330

 230.9330, 11.2750,
21.4430

 14.2120, 14.6230,
15.8310

 248.5430, 3.0250,

 0.0000, 0.0000,

5.7530

0.0000

■ 83.2950, 71.7360,
98.6480

■ 96.0780, 64.6770,
88.9090

■ 109.4480, 57.3430,
78.6470

■ 122.2310, 50.2840,
68.9080

■ 135.0140, 43.2250,
59.1690

■ 148.4980, 35.5700,
49.2180

■ 161.2810, 28.5110,
39.4790

■ 174.0640, 21.4520,
29.7400

■ 187.4340, 14.1180,
19.4780

■ 200.2170, 7.0590,
9.7390

Harmonies

Analogous

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



115.3490, -17.7540, 57.4620



83.2950, 71.7360, 98.6480



82.5620, 109.7480, 81.5560

Triad

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



83.2950, 71.7360, 98.6480



106.9290, 41.1790, -35.9490



107.8980, -105.4050, -11.5570

Complementary

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



83.2950, 71.7360, 98.6480



129.7050, -71.7360, -98.6480

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.



99.6900, -82.2930, -33.9490



83.2950, 71.7360, 98.6480



86.4320, -21.3540, -64.5700

Square

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



83.2950, 71.7360, 98.6480



107.5470, 84.3180, -8.2740



89.0370, -56.4300, -56.6380



109.8480, -119.1630, 6.5090

Rectangle

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



83.2950, 71.7360, 98.6480



75.2960, 121.5800, 65.3560



89.0370, -56.4300, -56.6380



105.8630, -98.2970, -19.2330

Sweetspot

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



83.2950, 71.7360, 98.6480



208.6780, 25.7150, 35.0830



35.9430, -45.1290, 74.5110



99.9720, 15.5390, 21.2590



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.



83.2950, 71.7360, 98.6480



99.7290, 85.8540, 118.1260



71.4390, 105.1200, 66.3040



100.3150, 3.6670, 5.1310



66.8610, 57.6180, 79.1700



16.8470, 14.3930, 20.0010

Inverse Universe

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



83.2950, 71.7360, 98.6480



99.7290, 85.8540, 118.1260



141.6750, -105.4410, -65.9930



100.3150, 3.6670, 5.1310



66.8610, 57.6180, 79.1700



16.8470, 14.3930, 20.0010

Previews

White Background



This preview shows how the YIQ color 83.2950, 71.7360, 98.6480 looks on a white background.

Color Contrast Check

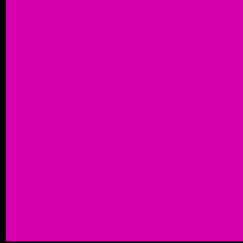
Large Text (above 18pt) WCAG AA ✓ Pass

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 83.2950, 71.7360, 98.6480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

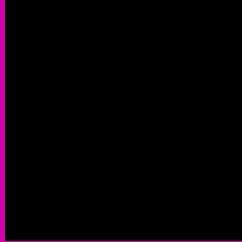
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 83.2950, 71.7360, 98.6480

Background



This preview shows how black text looks on a background with the YIQ color 83.2950, 71.7360, 98.6480.



This preview shows how white text looks on a background with the YIQ color 83.2950, 71.7360,

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

83.2950, 71.7360, 98.6480

Protanopia

93.6910, -108.1150, 15.5410

Deuteranopia

116.6560, -21.9180, 11.7620



Tritanopia

109.3050, 80.6890, 29.9770

Trichromacy



Original Color

83.2950, 71.7360, 98.6480



Protanomaly

90.0960, -42.3270, 45.7450



Deuteranomaly

104.4180, 12.1880, 43.4520



Tritanomaly

99.7450, 77.4750, 55.1950

Monochromacy



Original Color

83.2950, 71.7360, 98.6480



Achromatopsia

83.0000, -0.0000, 0.0000



Achromatomaly

83.0910, 25.9900, 35.6060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 83.2950, 71.7360, 98.6480 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(213, 0, 172)` looks like.

```
.text, #text, p{  
    color:rgb(213, 0, 172)  
}
```

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(213, 0, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 0, 172) }
```

Border

The CSS property to change the border of an element to YIQ 83.2950, 71.7360, 98.6480 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(213, 0, 172) }
```


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

```
.border{ border-color:rgb(213, 0, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 0, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 0, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 0, 172);  
box-shadow:4px 4px 4px 4px rgb(213, 0,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 83.2950, 71.7360, 98.6480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 0, 172) }
```

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

```
.background{ background-color: rgb(213, 0,  
172) }
```

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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