

Converting Colors

YIQ(82.1980, 73.3870, 96.2590)

Have a look what the booklet for
YIQ(82.1980, 73.3870, 96.2590)
contains.

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Color

**YIQ(82.1980, 73.3870,
96.2590)**

Conversions

Conversions Part 1

Format	Color
Hex	D400A5
RGB	212, 0, 165
RGB Percent	83%, 0%, 65%
CMY	0.1680, 0.9999, 0.3528
CMYK	0.00, 1.00, 0.22, 0.17
HSL	313°, 100%, 42%
HSV	313°, 100%, 83%
XYZ	33.9914, 16.7382, 37.0565
YIQ	82.1980, 73.3870, 96.2590

Conversions

Conversions Part 2

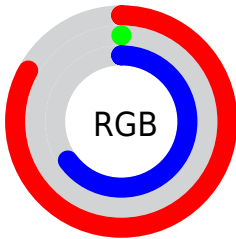
Format	Color
R_{YB}	212, 0, 165
Decimal	13893797
CIE _{Lab}	47.93, 79.35, -29.41
CIE _{LCh}	48, 84.629, 339.661
Yxy	16.7382, 0.3872, 0.1907
Android (android.graphics.Color)	4292083877 (0xFFD400A5)
YUV	82.1980, 40.8214, 113.8364
Hunter-Lab	40.9123, 76.7072, -25.0634

Details

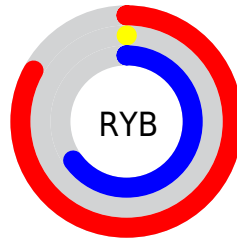
The YIQ color **82.1980, 73.3870, 96.2590** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **129.8020, -73.3870, -96.2590**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **155.3290, 56.0600, 74.3640**, and **58.3300, 54.3190, 67.3670** is the 20% darker color. If you saturate the color by 10%, you get **82.1980, 73.3870, 96.2590**, and if you desaturate by 10%, it is **95.0950, 66.0070, 86.8310**.

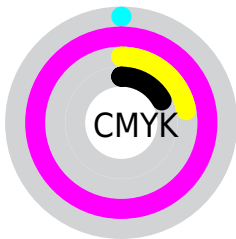
Distribution



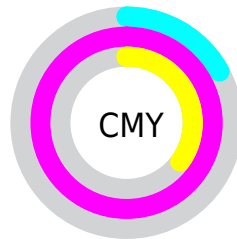
- Red (83%)
- Green (0%)
- Blue (65%)



- Red (83%)
- Yellow (0%)
- Blue (65%)



- Cyan (0%)
- Magenta (100%)
- Yellow (22%)
- Black (17%)





- Cyan (17%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 82.1980, 73.3870, 96.2590 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 82.1980, 73.3870, 96.2590 by changing the saturation by 10% instead.


 82.1980, 73.3870,
96.2590


 82.1980, 73.3870,
96.2590


255.0000, -0.0000,
-0.0000


 70.1500, 64.1740,
81.5020


 155.3290, 56.0600,
74.3640


 58.3300, 54.3190,
67.3670


 176.8320, 38.2260,
67.1700


 46.8090, 45.0600,
53.4440


 195.1260, 28.0500,
53.3460

 35.4020, 35.4800,
39.8320

 212.7360, 19.8000,
37.6560

 24.8210, 26.4500,
27.2660

 230.3460, 11.5500,
21.9660

 13.2290, 15.9530,
13.7530

 248.5430, 3.0250,

 0.0000, 0.0000,

5.7530

0.0000

■ 82.1980, 73.3870,
96.2590

■ 95.0950, 66.0070,
86.8310

■ 107.8780, 58.9480,
77.0920

■ 121.3620, 51.2930,
67.1410

■ 134.2590, 43.9130,
57.7130

■ 147.1560, 36.5330,
48.2850

■ 159.9390, 29.4740,
38.5460

■ 173.4230, 21.8190,
28.5950

■ 186.3200, 14.4390,
19.1670

■ 199.1030, 7.3800,
9.4280

Harmonies

Analogous

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



114.2850, -11.7020, 57.9140



82.1980, 73.3870, 96.2590



80.6820, 109.2900, 78.8420

Triad

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



82.1980, 73.3870, 96.2590



104.5480, 37.8780, -36.6980



106.6100, -104.5340, -10.8220

Complementary

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



82.1980, 73.3870, 96.2590



129.8020, -73.3870, -96.2590

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.



99.4450, -82.9810, -32.4930



82.1980, 73.3870, 96.2590



82.2570, -28.2310, -66.5910

Square

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



82.1980, 73.3870, 96.2590



106.3400, 80.4670, -10.0690



89.0200, -57.7600, -54.5600



107.7450, -117.3750, 7.1450

Rectangle

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



82.1980, 73.3870, 96.2590



78.0410, 117.6840, 58.8680



89.0200, -57.7600, -54.5600



104.8030, -98.0680, -17.8760

Sweetspot

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



82.1980, 73.3870, 96.2590



208.4500, 26.3570, 34.4610



37.9220, -40.6360, 75.6840



99.7440, 16.1810, 20.6370



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.



82.1980, 73.3870, 96.2590



98.8170, 88.4220, 115.6380



70.2280, 107.0920, 63.6040



100.3150, 3.6670, 5.1310



66.2910, 59.2230, 77.6150



16.7330, 14.7140, 19.6900

Inverse Universe

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



82.1980, 73.3870, 96.2590



98.8170, 88.4220, 115.6380



141.7720, -107.0920, -63.6040



100.3150, 3.6670, 5.1310



66.2910, 59.2230, 77.6150



16.7330, 14.7140, 19.6900

Previews

White Background



This preview shows how the YIQ color 82.1980, 73.3870, 96.2590 looks on a white background.

Color Contrast Check

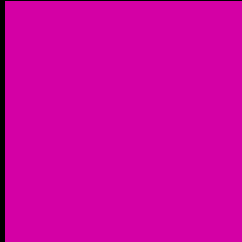
Large Text (above 18pt) WCAG AA ✓ Pass

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 82.1980, 73.3870, 96.2590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

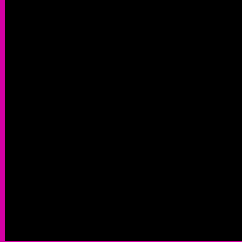
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.1980, 73.3870, 96.2590

Background



This preview shows how black text looks on a background with the YIQ color 82.1980, 73.3870, 96.2590.



This preview shows how white text looks on a background with the YIQ color 82.1980, 73.3870,

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

82.1980, 73.3870, 96.2590

Protanopia

100.4930, -89.8220, 19.9220

Deuteranopia

115.9830, -18.5250, 10.8430



Tritanopia

106.9030, 81.8810, 30.4010

Trichromacy



Original Color

82.1980, 73.3870, 96.2590



Protanomaly

93.6090, -30.5900, 47.7940



Deuteranomaly

104.0330, 14.7100, 41.7980



Tritanomaly

97.7020, 79.0340, 54.4740

Monochromacy



Original Color

82.1980, 73.3870, 96.2590



Achromatopsia

82.0000, 0.0000, -0.0000



Achromatomaly

81.8630, 26.6320, 34.9840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.1980, 73.3870, 96.2590 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(212, 0, 165)` looks like.

```
.text, #text, p{  
    color:rgb(212, 0, 165)  
}
```

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(212, 0, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 0, 165) }
```

Border

The CSS property to change the border of an element to YIQ 82.1980, 73.3870, 96.2590 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(212, 0, 165) }
```


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

```
.border{ border-color:rgb(212, 0, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 0, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 0, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 0, 165);  
box-shadow:4px 4px 4px 4px rgb(212, 0,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 82.1980, 73.3870, 96.2590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 0, 165) }
```

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

```
.background{ background-color: rgb(212, 0,  
165) }
```

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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