

Converting Colors

YIQ(81.0280, 85.3090, 89.4450)

Have a look what the booklet for
YIQ(81.0280, 85.3090, 89.4450)
contains.

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Color

**YIQ(81.0280, 85.3090,
89.4450)**

Conversions

Conversions Part 1

Format	Color
Hex	DA008B
RGB	218, 0, 139
RGB Percent	85%, 0%, 55%
CMY	0.1445, 0.9998, 0.4547
CMYK	0.00, 1.00, 0.36, 0.14
HSL	322°, 100%, 43%
HSV	322°, 100%, 86%
XYZ	33.6241, 16.7950, 25.9182
YIQ	81.0280, 85.3090, 89.4450

Conversions

Conversions Part 2

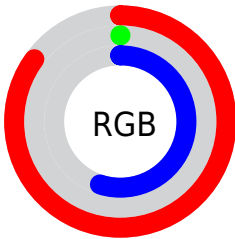
Format	Color
R_{YB}	218, 0, 139
Decimal	14286987
CIE _{Lab}	48.00, 77.76, -13.60
CIE _{LCh}	48, 78.939, 350.077
Yxy	16.7950, 0.4405, 0.2200
Android (android.graphics.Color)	4292477067 (0xFFDA008B)
YUV	81.0280, 28.5802, 120.1244
Hunter-Lab	40.9817, 74.7351, -8.8098

Details

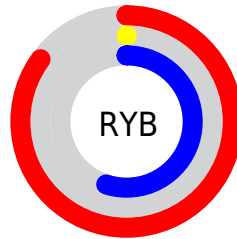
The YIQ color **81.0280, 85.3090, 89.4450** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **136.9720, -85.3090, -89.4450**, and the grayscale version is **81.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **152.2510, 64.7270, 65.9670**, and **57.0890, 65.0030, 60.9630** is the 20% darker color. If you saturate the color by 10%, you get **81.0280, 85.3090, 89.4450**, and if you desaturate by 10%, it is **94.8540, 76.6910, 80.4270**.

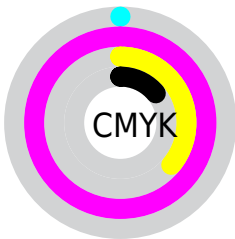
Distribution



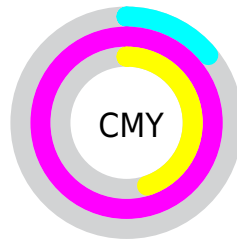
- Red (85%)
- Green (0%)
- Blue (55%)



- Red (85%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (36%)
- Black (14%)





- Cyan (14%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 81.0280, 85.3090, 89.4450 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 81.0280, 85.3090, 89.4450 by changing the saturation by 10% instead.


 81.0280, 85.3090,
89.4450


 81.0280, 85.3090,
89.4450


255.0000, -0.0000,
-0.0000


 69.2080, 75.4540,
75.3100


 152.2510, 64.7270,
65.9670


 57.0890, 65.0030,
60.9630


 173.5260, 47.5350,
58.1510

 45.4970, 54.5060,
47.4500


 194.4420, 29.9760,
51.4800

 34.2040, 44.6050,
34.1490

 212.7360, 19.8000,
37.6560

 23.5520, 34.3370,
21.9930

 230.3460, 11.5500,
21.9660

 11.7750, 22.9230,
8.5790

 248.5430, 3.0250,

 0.0000, 0.0000,

5.7530

0.0000

■ 81.0280, 85.3090,
89.4450

■ 94.8540, 76.6910,
80.4270

■ 108.6800, 68.0730,
71.4090

■ 121.9190, 59.7300,
62.9140

■ 135.7450, 51.1120,
53.8960

■ 149.5710, 42.4940,
44.8780

■ 163.3970, 33.8760,
35.8600

■ 177.1090, 25.5790,
26.5310

■ 190.9350, 16.9610,
17.5130

■ 204.1740, 8.6180,
9.0180

Harmonies

Analogous

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



113.3610, 17.5030, 62.7750



81.0280, 85.3090, 89.4450



80.5920, 109.0630, 66.4310

Triad

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



81.0280, 85.3090, 89.4450



101.4920, 23.1160, -44.5000



106.2170, -107.5610, -5.5210

Complementary

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



81.0280, 85.3090, 89.4450



136.9720, -85.3090, -89.4450

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.



101.3660, -89.7680, -25.1280



81.0280, 85.3090, 89.4450



79.4730, -37.7670, -69.9830

Square

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



81.0280, 85.3090, 89.4450



107.4040, 65.2470, -20.5850



92.3260, -67.0690, -45.5410



103.8810, -114.7620, 9.3500

Rectangle

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



81.0280, 85.3090, 89.4450



98.1040, 103.0640, 26.4560



92.3260, -67.0690, -45.5410



105.4530, -102.6540, -11.8540

Sweetspot

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



81.0280, 85.3090, 89.4450



207.1960, 29.8880, 31.0400



47.5760, -24.6820, 83.9100



99.0600, 18.1070, 18.7710



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.



81.0280, 85.3090, 89.4450



94.8270, 99.6570, 104.7530



68.9440, 119.3350, 56.4790



103.0870, 4.3090, 4.5090



64.3810, 67.4770, 71.1970



17.0600, 18.1070, 18.7710

Inverse Universe

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



81.0280, 85.3090, 89.4450



94.8270, 99.6570, 104.7530



149.0560, -119.3350, -56.4790



103.0870, 4.3090, 4.5090



64.3810, 67.4770, 71.1970



17.0600, 18.1070, 18.7710

Previews

White Background



This preview shows how the YIQ color 81.0280, 85.3090, 89.4450 looks on a white background.

Color Contrast Check

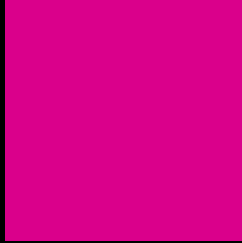
Large Text (above 18pt) WCAG AA ✓ Pass

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 81.0280, 85.3090, 89.4450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

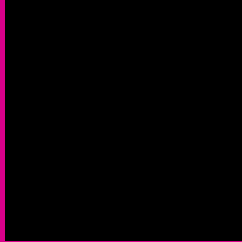
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 81.0280, 85.3090, 89.4450

Background



This preview shows how black text looks on a background with the YIQ color 81.0280, 85.3090, 89.4450.



This preview shows how white text looks on a background with the YIQ color 81.0280, 85.3090,

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

81.0280, 85.3090, 89.4450

Protanopia

112.3390, -48.4660, 19.3260

Deuteranopia

117.2160, -0.3680, 6.6720



Tritanopia

102.4700, 93.5260, 34.1180

Trichromacy



Original Color

81.0280, 85.3090, 89.4450



Protanomaly

101.0130, 0.2670, 44.7390



Deuteranomaly

104.0700, 30.4830, 36.7790



Tritanomaly

94.7480, 90.5880, 54.3320

Monochromacy



Original Color

81.0280, 85.3090, 89.4450



Achromatopsia

81.0000, -0.0000, 0.0000



Achromatomaly

81.3210, 31.0340, 32.2980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.0280, 85.3090, 89.4450 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(218, 0, 139)` looks like.

```
.text, #text, p{  
    color:rgb(218, 0, 139)  
}
```

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(218, 0, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 0, 139) }
```

Border

The CSS property to change the border of an element to YIQ 81.0280, 85.3090, 89.4450 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(218, 0, 139) }
```


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

```
.border{ border-color:rgb(218, 0, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 0, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 0, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 0, 139);  
box-shadow:4px 4px 4px 4px rgb(218, 0,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 81.0280, 85.3090, 89.4450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 0, 139) }
```

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

```
.background{ background-color: rgb(218, 0,  
139) }
```

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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