

Converting Colors

YIQ(81.4580, 69.7190, 96.6550)

Have a look what the booklet for
YIQ(81.4580, 69.7190, 96.6550)
contains.

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Color

**YIQ(81.4580, 69.7190,
96.6550)**

Conversions

Conversions Part 1

Format	Color
Hex	D000A9
RGB	208, 0, 169
RGB Percent	82%, 0%, 66%
CMY	0.1837, 0.9999, 0.3371
CMYK	0.00, 1.00, 0.19, 0.18
HSL	311°, 100%, 41%
HSV	311°, 100%, 82%
XYZ	33.2204, 16.2981, 38.9493
YIQ	81.4580, 69.7190, 96.6550

Conversions

Conversions Part 2

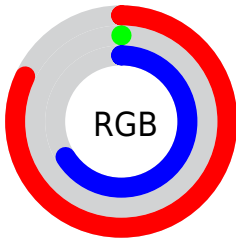
Format	Color
R_{YB}	208, 0, 169
Decimal	13631657
CIE _{Lab}	47.36, 79.09, -32.73
CIE _{LCh}	47, 85.590, 337.519
Yxy	16.2981, 0.3755, 0.1842
Android (android.graphics.Color)	4291821737 (0xFFD000A9)
YUV	81.4580, 43.1582, 110.9773
Hunter-Lab	40.3709, 76.2352, -28.9427

Details

The YIQ color **81.4580, 69.7190, 96.6550** 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 **126.5420, -69.7190, -96.6550**, and the grayscale version is **81.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **155.8990, 54.4550, 75.9190**, and **57.7750, 51.5680, 67.6640** is the 20% darker color. If you saturate the color by 10%, you get **81.4580, 69.7190, 96.6550**, and if you desaturate by 10%, it is **94.2410, 62.6600, 86.9160**.

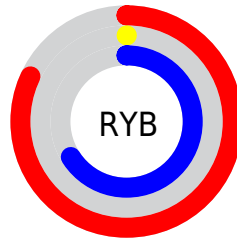
Distribution



Red (82%)

Green (0%)

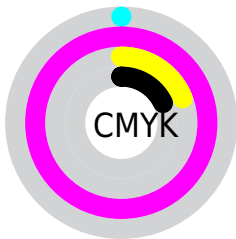
Blue (66%)



Red (82%)

Yellow (0%)

Blue (66%)

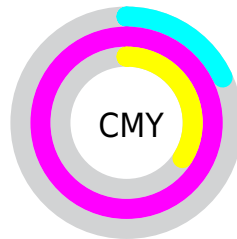


Cyan (0%)

Magenta (100%)

Yellow (19%)

Black (18%)



Cyan (18%)


Magenta (100%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 81.4580, 69.7190, 96.6550 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 81.4580, 69.7190, 96.6550 by changing the saturation by 10% instead.


 81.4580, 69.7190,
96.6550


 81.4580, 69.7190,
96.6550


255.0000, -0.0000,
-0.0000


 69.4100, 60.5060,
81.8980


 155.8990, 54.4550,
75.9190


 57.7750, 51.5680,
67.6640


 177.2880, 36.9420,
68.4140


 46.2540, 42.3090,
53.7410


 195.1260, 28.0500,
53.3460

 34.8470, 32.7290,
40.1290

 212.1490, 20.0750,
38.1790

 24.2660, 23.6990,
27.5630

 229.7590, 11.8250,
22.4890

 12.7880, 12.8810,
14.3610

 247.9560, 3.3000,

 0.0000, 0.0000,

6.2760

0.0000

■ 81.4580, 69.7190,
96.6550

■ 94.2410, 62.6600,
86.9160

■ 107.0240, 55.6010,
77.1770

■ 119.2200, 48.8170,
67.9610

■ 132.0030, 41.7580,
58.2220

■ 144.7860, 34.6990,
48.4830

■ 157.5690, 27.6400,
38.7440

■ 170.2380, 20.9020,
28.6940

■ 183.0210, 13.8430,
18.9550

■ 195.2170, 7.0590,
9.7390

Harmonies

Analogous

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



112.8110, -19.1750, 55.6810



81.4580, 69.7190, 96.6550



80.8390, 107.4100, 79.8740

Triad

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



81.4580, 69.7190, 96.6550



104.2710, 40.2160, -35.0160



105.5670, -102.9750, -11.5430

Complementary

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



81.4580, 69.7190, 96.6550



126.5420, -69.7190, -96.6550

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.



97.4730, -80.1840, -33.6240



81.4580, 69.7190, 96.6550



84.6710, -20.5290, -63.0010

Square

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



81.4580, 69.7190, 96.6550



104.5900, 82.7590, -7.5530



86.9340, -54.6420, -56.0020



107.4030, -116.4120, 6.2120

Rectangle

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



81.4580, 69.7190, 96.6550



73.9860, 119.5170, 64.1970



86.9340, -54.6420, -56.0020



103.0590, -95.9130, -18.3850

Sweetspot

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



81.4580, 69.7190, 96.6550



208.7920, 25.3940, 35.3940



35.0740, -44.1200, 72.7440



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.



81.4580, 69.7190, 96.6550



99.8430, 85.5330, 118.4370



69.7160, 102.7820, 64.6220



98.3150, 3.6670, 5.1310



65.8500, 56.1510, 78.2230



16.0210, 13.8430, 18.9550

Inverse Universe

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



81.4580, 69.7190, 96.6550



99.8430, 85.5330, 118.4370



138.2840, -102.7820, -64.6220



98.3150, 3.6670, 5.1310



65.8500, 56.1510, 78.2230



16.0210, 13.8430, 18.9550

Previews

White Background



This preview shows how the YIQ color 81.4580, 69.7190, 96.6550 looks on a white background.

Color Contrast Check

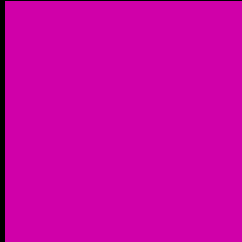
Large Text (above 18pt) WCAG AA ✓ Pass

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 81.4580, 69.7190, 96.6550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

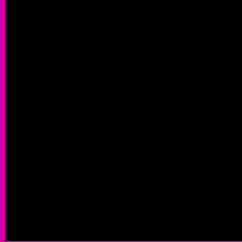
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 81.4580, 69.7190, 96.6550

Background



This preview shows how black text looks on a background with the YIQ color 81.4580, 69.7190, 96.6550.



This preview shows how white text looks on a background with the YIQ color 81.4580, 69.7190,

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

81.4580, 69.7190, 96.6550

Protanopia

91.3600, -105.6850, 15.5550

Deuteranopia

114.2430, -22.1930, 11.2390



Tritanopia

107.1090, 78.3050, 29.1290

Trichromacy



Original Color

81.4580, 69.7190, 96.6550



Protanomaly

87.8680, -41.6850, 45.1230



Deuteranomaly

102.2930, 11.0420, 42.1940



Tritanomaly

98.0220, 75.1370, 53.5130

Monochromacy



Original Color

81.4580, 69.7190, 96.6550



Achromatopsia

82.0000, 0.0000, -0.0000



Achromatomaly

81.7920, 25.3940, 35.3940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.4580, 69.7190, 96.6550 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(208, 0, 169)` looks like.

```
.text, #text, p{  
    color:rgb(208, 0, 169)  
}
```

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(208, 0, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 0, 169) }
```

Border

The CSS property to change the border of an element to YIQ 81.4580, 69.7190, 96.6550 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(208, 0, 169) }
```


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

```
.border{ border-color:rgb(208, 0, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 0, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 0, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 0, 169);  
box-shadow:4px 4px 4px 4px rgb(208, 0,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 81.4580, 69.7190, 96.6550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 0, 169) }
```

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

```
.background{ background-color: rgb(208, 0,  
169) }
```

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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