

Converting Colors

YIQ(82.6370, 87.9680, 90.8160)

Have a look what the booklet for
YIQ(82.6370, 87.9680, 90.8160)
contains.

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Color

**YIQ(82.6370, 87.9680,
90.8160)**

Conversions

Conversions Part 1

Format	Color
Hex	DF008C
RGB	223, 0, 140
RGB Percent	87%, 0%, 55%
CMY	0.1249, 0.9998, 0.4507
CMYK	0.00, 1.00, 0.37, 0.12
HSL	322°, 100%, 44%
HSV	322°, 100%, 88%
XYZ	35.2181, 17.6083, 26.3772
YIQ	82.6370, 87.9680, 90.8160

Conversions

Conversions Part 2

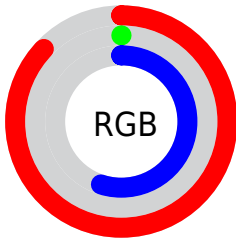
Format	Color
R_{YB}	223, 0, 140
Decimal	14614668
CIE _{Lab}	49.02, 78.88, -12.58
CIE _{LCh}	49, 79.874, 350.940
Yxy	17.6083, 0.4447, 0.2223
Android (android.graphics.Color)	4292804748 (0xFFDF008C)
YUV	82.6370, 28.2800, 123.0984
Hunter-Lab	41.9622, 76.3780, -7.8958

Details

The YIQ color **82.6370, 87.9680, 90.8160** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark washed rose. A complement of this color would be **140.3630, -87.9680, -90.8160**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **152.9520, 64.1310, 65.7550**, and **58.6980, 67.6620, 62.3340** is the 20% darker color. If you saturate the color by 10%, you get **82.6370, 87.9680, 90.8160**, and if you desaturate by 10%, it is **96.4630, 79.3500, 81.7980**.

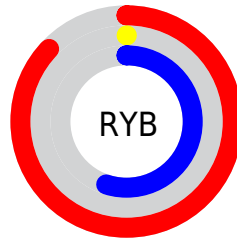
Distribution



Red (87%)

Green (0%)

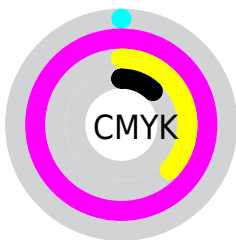
Blue (55%)



Red (87%)

Yellow (0%)

Blue (55%)

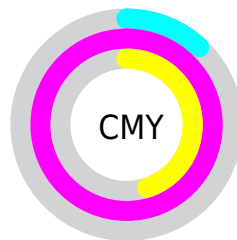


Cyan (0%)

Magenta (100%)

Yellow (37%)

Black (12%)



Cyan (12%)


Magenta (100%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 82.6370, 87.9680, 90.8160 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 82.6370, 87.9680, 90.8160 by changing the saturation by 10% instead.


 82.6370, 87.9680,
90.8160


 82.6370, 87.9680,
90.8160


255.0000, -0.0000,
-0.0000

 70.5180, 77.5170,
76.4690


 152.9520, 64.1310,
65.7550


 58.6980, 67.6620,
62.3340


 174.9280, 46.3430,
57.7270


 47.1060, 57.1650,
48.8210


 195.7300, 29.1050,
50.7450

 35.5140, 46.6680,
35.3080

 213.9100, 19.2500,
36.6100

 24.8620, 36.4000,
23.1520

 231.5200, 11.0000,
20.9200

 13.2700, 25.9030,
9.6390

 249.1300, 2.7500,

 0.0000, 0.0000,

5.2300

0.0000

■ 82.6370, 87.9680,
90.8160

■ 96.4630, 79.3500,
81.7980

■ 110.9900, 70.1360,
72.5680

■ 124.8160, 61.5180,
63.5500

■ 138.6420, 52.9000,
54.5320

■ 153.1690, 43.6860,
45.3020

■ 166.9950, 35.0680,
36.2840

■ 180.8210, 26.4500,
27.2660

■ 195.3480, 17.2360,
18.0360

■ 209.1740, 8.6180,
9.0180

Harmonies

Analogous

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



115.9700, 20.1620, 64.1460



82.6370, 87.9680, 90.8160



85.3100, 109.7970, 64.1410

Triad

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



82.6370, 87.9680, 90.8160



103.5520, 22.8870, -45.8570



108.6620, -110.3120, -5.2240

Complementary

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



82.6370, 87.9680, 90.8160



140.3630, -87.9680, -90.8160

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.



103.6970, -92.1980, -25.1420



82.6370, 87.9680, 90.8160



81.9180, -40.5180, -69.6860

Square

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



82.6370, 87.9680, 90.8160



109.7630, 65.6140, -21.7300



94.5430, -69.1780, -45.8660



105.6250, -116.9170, 9.8590

Rectangle

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



82.6370, 87.9680, 90.8160



101.2350, 104.0730, 24.6890



94.5430, -69.1780, -45.8660



107.8980, -105.4050, -11.5570

Sweetspot

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



82.6370, 87.9680, 90.8160



207.1960, 29.8880, 31.0400



49.9400, -22.7110, 86.7370



98.9460, 18.4280, 18.4600



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.



82.6370, 87.9680, 90.8160



94.4850, 100.6200, 103.8200



70.0970, 123.2780, 56.6060



105.0870, 4.3090, 4.5090



65.1640, 69.5860, 71.5220



17.7720, 18.9780, 19.5060

Inverse Universe

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



82.6370, 87.9680, 90.8160



94.4850, 100.6200, 103.8200



152.9030, -123.2780, -56.6060



105.0870, 4.3090, 4.5090



65.1640, 69.5860, 71.5220



17.7720, 18.9780, 19.5060

Previews

White Background



This preview shows how the YIQ color 82.6370, 87.9680, 90.8160 looks on a white background.

Color Contrast Check

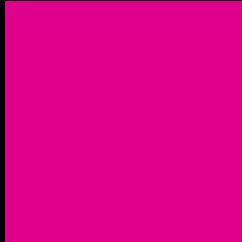
Large Text (above 18pt) WCAG AA ✓ Pass

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 82.6370, 87.9680, 90.8160 looks on a black 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

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

YIQ 82.6370, 87.9680, 90.8160

Background



This preview shows how black text looks on a background with the YIQ color 82.6370, 87.9680, 90.8160.



This preview shows how white text looks on a background with the YIQ color 82.6370, 87.9680,

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

82.6370, 87.9680, 90.8160

Protanopia

115.5240, -47.5490, 19.2270

Deuteranopia

119.4010, 0.5490, 6.5730



Tritanopia

103.9650, 96.5060, 35.1780

Trichromacy



Original Color

82.6370, 87.9680, 90.8160



Protanomaly

103.6110, 1.4590, 45.1630



Deuteranomaly

105.9670, 32.2710, 37.4150



Tritanomaly

96.2430, 93.5680, 55.3920

Monochromacy



Original Color

82.6370, 87.9680, 90.8160



Achromatopsia

83.0000, -0.0000, 0.0000



Achromatomaly

83.0330, 31.9050, 33.0330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.6370, 87.9680, 90.8160 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(223, 0, 140)` looks like.

```
.text, #text, p{  
    color:rgb(223, 0, 140)  
}
```

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(223, 0, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 0, 140) }
```

Border

The CSS property to change the border of an element to YIQ 82.6370, 87.9680, 90.8160 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(223, 0, 140) }
```


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

```
.border{ border-color:rgb(223, 0, 140) }
```

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

Here you see how a box with a 4 pixel rgb(223, 0, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 0, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 0, 140);  
box-shadow:4px 4px 4px 4px rgb(223, 0,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 82.6370, 87.9680, 90.8160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 0, 140) }
```

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

```
.background{ background-color: rgb(223, 0,  
140) }
```

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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