

Converting Colors

YIQ(81.7130, 64.4470, 93.0790)

Have a look what the booklet for
YIQ(81.7130, 64.4470, 93.0790)
contains.

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Color

**YIQ(81.7130, 64.4470,
93.0790)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C904A9 |
| RGB | 201, 4, 169 |
| RGB Percent | 79%, 2%, 66% |
| CMY | 0.2112, 0.9845, 0.3371 |
| CMYK | 0.00, 0.98, 0.16, 0.21 |
| HSL | 310°, 96%, 40% |
| HSV | 310°, 98%, 79% |
| XYZ | 31.3336, 15.3886, 38.8710 |
| YIQ | 81.7130, 64.4470, 93.0790 |

Conversions

Conversions Part 2

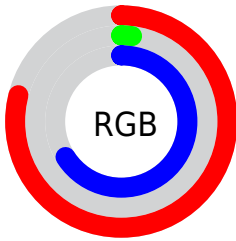
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 201, 4, 169 |
| Decimal | 13173929 |
| CIE _{Lab} | 46.16, 77.46, -34.70 |
| CIE _{LCh} | 46, 84.883, 335.868 |
| Yxy | 15.3886, 0.3661, 0.1798 |
| Android (android.graphics.Color) | 4291364009 (0xFFC904A9) |
| YUV | 81.7130, 43.0325, 104.6147 |
| Hunter-Lab | 39.2283, 73.9276, -31.2903 |

Details

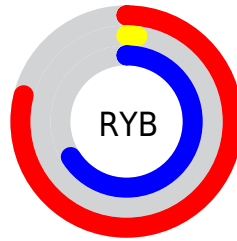
The YIQ color **81.7130, 64.4470, 93.0790** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **123.2870, -64.4470, -93.0790**, and the grayscale version is **81.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **155.3120, 54.7300, 76.4420**, and **55.6820, 47.3960, 66.1800** is the 20% darker color. If you saturate the color by 10%, you get **79.2510, 65.8680, 94.8600**, and if you desaturate by 10%, it is **93.7950, 57.9840, 83.5520**.

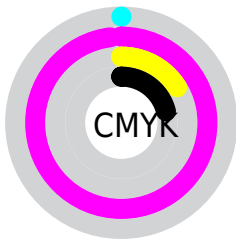
Distribution



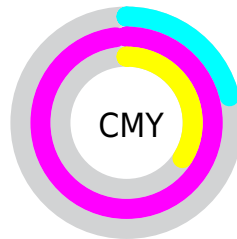
- Red (79%)
- Green (2%)
- Blue (66%)



- Red (79%)
- Yellow (2%)
- Blue (66%)



- Cyan (0%)
- Magenta (98%)
- Yellow (16%)
- Black (21%)





- Cyan (21%)
- Magenta (98%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 81.7130, 64.4470, 93.0790 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 81.7130, 64.4470, 93.0790 by changing the saturation by 10% instead.


 81.7130, 64.4470,
93.0790


 81.7130, 64.4470,
93.0790


255.0000, -0.0000,
-0.0000


 67.3170, 56.3340,
80.4140


 155.3120, 54.7300,
76.4420


 55.6820, 47.3960,
66.1800


 176.8150, 36.8960,
69.2480


 44.1610, 38.1370,
52.2570


 193.9520, 28.6000,
54.3920

 33.0530, 29.1530,
38.8570

 211.5620, 20.3500,
38.7020

 22.4720, 20.1230,
26.2910

 229.1720, 12.1000,
23.0120

 10.2820, 8.4340,
12.3540

 246.7820, 3.8500,

 0.0000, 0.0000,

7.3220

0.0000

■ 81.7130, 64.4470,
93.0790

■ 81.7130, 64.4470,
93.0790

■ 79.2510, 65.8680,
94.8600

■ 93.7950, 57.9840,
83.5520

■ 105.9910, 51.2000,
74.3360

■ 118.0730, 44.7370,
64.8090

■ 130.1550, 38.2740,
55.2820

■ 142.8240, 31.5360,
45.2320

■ 155.0200, 24.7520,
36.0160

■ 167.1020, 18.2890,
26.4890

■ 179.1840, 11.8260,
16.9620

■ 191.3800, 5.0420,
7.7460

Harmonies

Analogous

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



109.0060, -24.2180, 53.4620



81.7130, 64.4470, 93.0790



79.4580, 104.1090, 79.1250

Triad

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



81.7130, 64.4470, 93.0790



101.3360, 41.5910, -32.4010



102.8940, -99.5820, -12.4620

Complementary

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



81.7130, 64.4470, 93.0790



123.2870, -64.4470, -93.0790

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.



94.3270, -76.8370, -33.7090



81.7130, 64.4470, 93.0790



84.7150, -14.6610, -59.2130

Square

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



81.7130, 64.4470, 93.0790



101.3560, 83.5380, -5.1500



83.7880, -51.2950, -56.0870



104.9580, -113.6610, 5.9150

Rectangle

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



81.7130, 64.4470, 93.0790



73.0180, 116.4910, 63.9710



83.7880, -51.2950, -56.0870



100.3860, -92.5200, -19.3040

Sweetspot

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



81.7130, 64.4470, 93.0790



210.1940, 24.2020, 34.9700



35.4280, -45.3570, 67.6270



100.6730, 14.9430, 21.0470



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.



81.7130, 64.4470, 93.0790



100.5270, 83.6070, 120.3030



70.7690, 95.2630, 63.2230



93.6030, 2.7960, 4.3960



64.3550, 53.1710, 77.1630



14.1840, 11.8260, 16.9620

Inverse Universe

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



81.7130, 64.4470, 93.0790



100.5270, 83.6070, 120.3030



134.2310, -95.2630, -63.2230



93.6030, 2.7960, 4.3960



64.3550, 53.1710, 77.1630



14.1840, 11.8260, 16.9620

Previews

White Background



This preview shows how the YIQ color 81.7130, 64.4470, 93.0790 looks on a white background.

Color Contrast Check

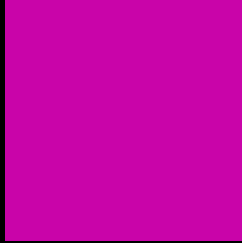
Large Text (above 18pt) WCAG AA ✓ Pass

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 81.7130, 64.4470, 93.0790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

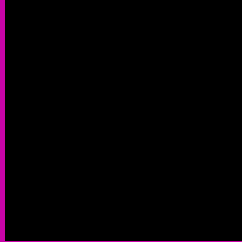
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 81.7130, 64.4470, 93.0790

Background



This preview shows how black text looks on a background with the YIQ color 81.7130, 64.4470, 93.0790.



This preview shows how white text looks on a background with the YIQ color 81.7130, 64.4470,

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

81.7130, 64.4470, 93.0790

Protanopia

88.8010, -102.6130, 14.9470

Deuteranopia

110.5030, -25.8610, 11.6350



Tritanopia

105.0160, 74.1330, 27.6450

Trichromacy



Original Color

81.7130, 64.4470, 93.0790



Protanomaly

86.5150, -42.1890, 43.2430



Deuteranomaly

99.7270, 6.8240, 41.5440



Tritanomaly

96.5160, 70.6900, 51.5060

Monochromacy



Original Color

81.7130, 64.4470, 93.0790



Achromatopsia

82.0000, 0.0000, -0.0000



Achromatomaly

82.0690, 23.0560, 33.7120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.7130, 64.4470, 93.0790 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(201, 4, 169)` looks like.

```
.text, #text, p{  
    color:rgb(201, 4, 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(201, 4, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 4, 169) }
```

Border

The CSS property to change the border of an element to YIQ 81.7130, 64.4470, 93.0790 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(201, 4, 169) }
```


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

```
.border{ border-color:rgb(201, 4, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 4, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 4, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 4, 169);  
box-shadow:4px 4px 4px 4px rgb(201, 4,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 81.7130, 64.4470, 93.0790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 4, 169) }
```

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

```
.background{ background-color: rgb(201, 4,  
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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