

Converting Colors

YIQ(81.5540, 43.4460, 104.7420)

Have a look what the booklet for
YIQ(81.5540, 43.4460, 104.7420)
contains.

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Color

**YIQ(81.5540, 43.4460,
104.7420)**

Conversions

Conversions Part 1

Format	Color
Hex	BC02D4
RGB	188, 2, 212
RGB Percent	74%, 1%, 83%
CMY	0.2622, 0.9924, 0.1686
CMYK	0.11, 0.99, 0.00, 0.17
HSL	293°, 98%, 42%
HSV	293°, 99%, 83%
XYZ	32.6799, 15.5053, 63.5594
YIQ	81.5540, 43.4460, 104.7420

Conversions

Conversions Part 2

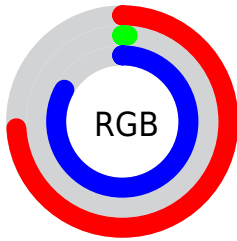
Format	Color
RYB	188, 2, 212
Decimal	12321492
CIELab	46.32, 81.67, -59.70
CIElCh	46, 101.163, 323.831
Yxy	15.5053, 0.2925, 0.1388
Android (android.graphics.Color)	4290511572 (0xFFBC02D4)
YUV	81.5540, 64.3099, 93.3531
Hunter-Lab	39.3767, 79.2332, -68.1384

Details

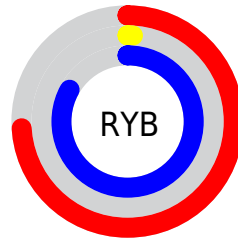
The YIQ color **81.5540, 43.4460, 104.7420** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed purple. A complement of this color would be **132.4460, -43.4460, -104.7420**, and the grayscale version is **81.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **156.6390, 40.9280, 84.2880**, and **56.3550, 26.8080, 75.8640** is the 20% darker color. If you saturate the color by 10%, you get **80.3800, 43.9960, 105.7880**, and if you desaturate by 10%, it is **94.7780, 39.4590, 94.3950**.

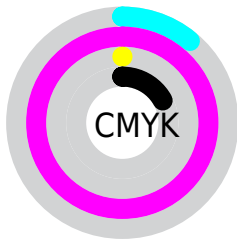
Distribution



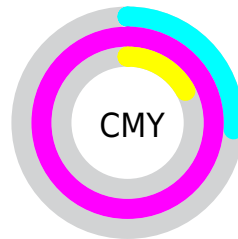
- Red (74%)
- Green (1%)
- Blue (83%)



- Red (74%)
- Yellow (1%)
- Blue (83%)



- Cyan (11%)
- Magenta (99%)
- Yellow (0%)
- Black (17%)




- Cyan (26%)
- Magenta (99%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 81.5540, 43.4460, 104.7420 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 81.5540, 43.4460, 104.7420 by changing the saturation by 10% instead.


 81.5540, 43.4460,
104.7420


 81.5540, 43.4460,
104.7420


255.0000, -0.0000,
-0.0000


 68.5170, 35.7000,
90.9320

 156.9380, 41.5240,
84.5000


 56.3550, 26.8080,
75.8640


 176.3420, 36.8500,
70.0820


 44.7200, 17.8700,
61.6300


 193.9520, 28.6000,
54.3920

 33.0850, 8.9320,
47.3960

 211.5620, 20.3500,
38.7020

 21.8630, 0.2690,
33.6850

 229.1720, 12.1000,
23.0120

 6.4550, -16.7380,
17.0060

 246.7820, 3.8500,

 4.8220, -10.8220,

7.3220

8.9060

■ 0.4560, -1.2840,
1.2440

■ 0.0000, 0.0000,
0.0000

■ 81.5540, 43.4460,
104.7420

■ 81.5540, 43.4460,
104.7420

■ 80.3800, 43.9960,
105.7880

■ 94.7780, 39.4590,
94.3950

■ 107.7030, 34.8760,
83.8360

■ 121.2150, 30.0180,
72.7540

■ 134.4390, 26.0310,
62.4070

■ 147.3640, 21.4480,
51.8480

■ 160.5880, 17.4610,
41.5010

■ 173.5130, 12.8780,
30.9420

■ 187.0250, 8.0200,
19.8600

■ 200.2490, 4.0330,
9.5130

Harmonies

Analogous

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



85.4220, -108.2550, 29.0970



81.5540, 43.4460, 104.7420



87.2920, 102.1810, 92.0450

Triad

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



81.5540, 43.4460, 104.7420



103.8380, 61.0290, -21.2350



103.5320, -95.8670, -19.2190

Complementary

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



81.5540, 43.4460, 104.7420



132.4460, -43.4460, -104.7420

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.



92.3260, -67.0690, -45.5410



81.5540, 43.4460, 104.7420



92.8100, 4.3650, -51.5950

Square

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



81.5540, 43.4460, 104.7420



90.3680, 110.7680, 18.9920



79.2450, -37.1250, -70.6050



110.5660, -118.4290, 4.2190

Rectangle

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



81.5540, 43.4460, 104.7420



82.8160, 123.4120, 76.2120



79.2450, -37.1250, -70.6050



99.7530, -86.6040, -27.4040

Sweetspot

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



81.5540, 43.4460, 104.7420



207.6970, 15.5360, 37.8400



40.0280, -74.0100, 52.7580



99.2040, 9.0740, 22.7860



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.



81.5540, 43.4460, 104.7420



96.6440, 52.8410, 127.2170



79.4960, 83.7510, 84.6390



100.2440, 2.4290, 5.5410



64.6430, 35.1050, 85.1930



16.2640, 8.8450, 21.4290

Inverse Universe

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



67.5260, 117.4560, 51.9840



79.5510, 142.6710, 63.0790



134.3900, -83.4300, -84.9500



99.5170, 5.9140, 2.9540



53.2950, 95.8170, 42.1610



13.4270, 24.0230, 10.6710

Previews

White Background



This preview shows how the YIQ color 81.5540, 43.4460, 104.7420 looks on a white background.

Color Contrast Check

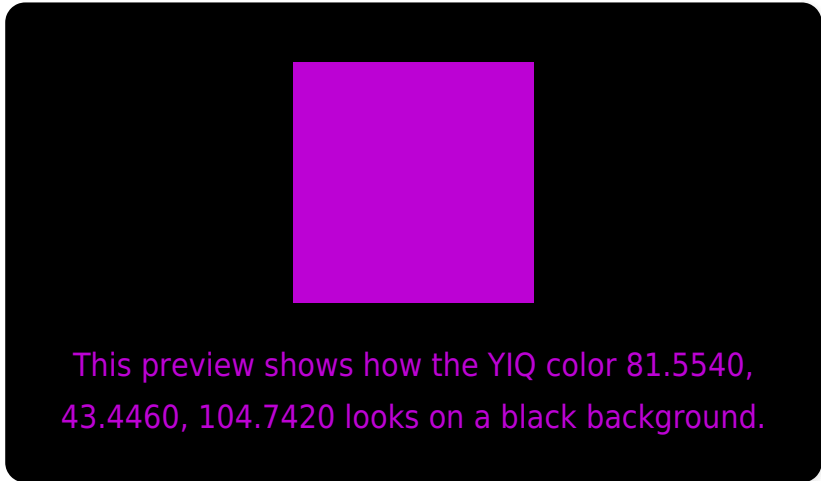
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

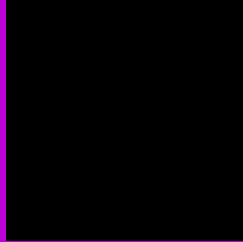
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 81.5540, 43.4460, 104.7420

Background



This preview shows how black text looks on a background with the YIQ color 81.5540, 43.4460, 104.7420.



This preview shows how white text looks on a background with the YIQ color 81.5540, 43.4460,

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

81.5540, 43.4460, 104.7420

Protanopia

89.2740, -102.5670, 14.1130

Deuteranopia

96.1930, -80.6500, 7.8780



Tritanopia

110.5940, 51.7140, 20.9460

Trichromacy



Original Color

81.5540, 43.4460, 104.7420



Protanomaly

86.1430, -49.7090, 47.3710



Deuteranomaly

91.2230, -35.4950, 43.0730



Tritanomaly

100.4950, 48.8200, 51.3800

Monochromacy



Original Color

81.5540, 43.4460, 104.7420



Achromatopsia

82.0000, 0.0000, -0.0000



Achromatomaly

81.9960, 16.1320, 38.0520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.5540, 43.4460, 104.7420 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(188, 2, 212)` looks like.

```
.text, #text, p{  
    color:rgb(188, 2, 212)  
}
```

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(188, 2, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 2, 212) }
```

Border

The CSS property to change the border of an element to YIQ 81.5540, 43.4460, 104.7420 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(188, 2, 212) }
```


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

```
.border{ border-color:rgb(188, 2, 212) }
```

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

Here you see how a box with a 4 pixel rgb(188, 2, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 2, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 2, 212);  
box-shadow:4px 4px 4px 4px rgb(188, 2,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 81.5540, 43.4460, 104.7420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 2, 212) }
```

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

```
.background{ background-color: rgb(188, 2,  
212) }
```

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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