

Converting Colors

YIQ(83.4020, 46.9300, 107.6820)

Have a look what the booklet for
YIQ(83.4020, 46.9300, 107.6820)
contains.

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Color

**YIQ(83.4020, 46.9300,
107.6820)**

Conversions

Conversions Part 1

Format	Color
Hex	C301D7
RGB	195, 1, 215
RGB Percent	76%, 0%, 84%
CMY	0.2347, 0.9963, 0.1568
CMYK	0.09, 1.00, 0.00, 0.16
HSL	294°, 99%, 42%
HSV	294°, 100%, 84%
XYZ	34.8213, 16.5488, 65.6525
YIQ	83.4020, 46.9300, 107.6820

Conversions

Conversions Part 2

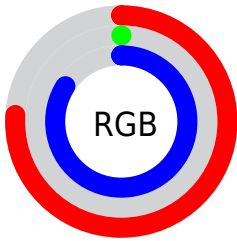
Format	Color
RYB	195, 1, 215
Decimal	12779991
CIELab	47.69, 83.26, -59.16
CIELCh	48, 102.138, 324.605
Yxy	16.5488, 0.2976, 0.1414
Android (android.graphics.Color)	4290970071 (0xFFC301D7)
YUV	83.4020, 64.8778, 97.8714
Hunter-Lab	40.6803, 81.6011, -67.2099

Details

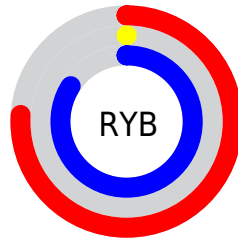
The YIQ color **83.4020, 46.9300, 107.6820** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **132.5980, -46.9300, -107.6820**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **159.3190, 44.8250, 85.2490**, and **58.7900, 30.0170, 78.2810** is the 20% darker color. If you saturate the color by 10%, you get **82.8150, 47.2050, 108.2050**, and if you desaturate by 10%, it is **96.3270, 42.3470, 97.1230**.

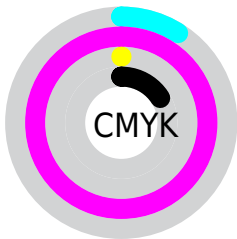
Distribution



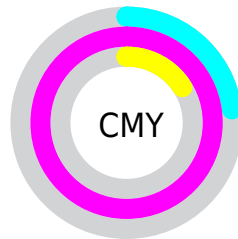
- Red (76%)
- Green (0%)
- Blue (84%)



- Red (76%)
- Yellow (0%)
- Blue (84%)



- Cyan (9%)
- Magenta (100%)
- Yellow (0%)
- Black (16%)



- Cyan (23%)
- Magenta (100%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 83.4020, 46.9300, 107.6820 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 83.4020, 46.9300, 107.6820 by changing the saturation by 10% instead.

83.4020, 46.9300,
107.6820

83.4020, 46.9300,
107.6820

255.0000, -0.0000,
-0.0000

70.6530, 38.3130,
93.1370

159.3190, 44.8250,
85.2490

58.7900, 30.0170,
78.2810

177.5160, 36.3000,
69.0360

47.0410, 21.4000,
63.7360

195.1260, 28.0500,
53.3460

35.4060, 12.4620,
49.5020

212.7360, 19.8000,
37.6560

24.1840, 3.7990,
35.7910

230.3460, 11.5500,
21.9660

10.9830, -9.3570,
20.9070

247.9560, 3.3000,

5.0500, -11.4640,

6.2760

9.5280

■ 0.9120, -2.5680,
2.4880

■ 0.0000, 0.0000,
0.0000

■ 83.4020, 46.9300,
107.6820

■ 83.4020, 46.9300,
107.6820

■ 82.8150, 47.2050,
108.2050

■ 96.3270, 42.3470,
97.1230

■ 109.8390, 37.4890,
86.0410

■ 122.7640, 32.9060,
75.4820

■ 136.2760, 28.0480,
64.4000

■ 149.2010, 23.4650,
53.8410

■ 162.7130, 18.6070,
42.7590

■ 175.6380, 14.0240,
32.2000

■ 189.1500, 9.1660,
21.1180

■ 202.0750, 4.5830,
10.5590

Harmonies

Analogous

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



86.5960, -108.8050, 28.0510



83.4020, 46.9300, 107.6820



89.3140, 105.1150, 93.9390

Triad

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



83.4020, 46.9300, 107.6820



106.7840, 61.1210, -22.9030



106.6780, -99.2140, -19.1340

Complementary

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



83.4020, 46.9300, 107.6820



132.5980, -46.9300, -107.6820

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.



95.2440, -69.7740, -46.0780



83.4020, 46.9300, 107.6820



95.1580, 3.2650, -53.6870

Square

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



83.4020, 46.9300, 107.6820



95.0860, 111.5020, 16.7020



81.5930, -38.2250, -72.6970



113.5980, -121.4550, 3.9930

Rectangle

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



83.4020, 46.9300, 107.6820



84.7240, 126.6670, 77.7950



81.5930, -38.2250, -72.6970



102.7850, -89.6300, -27.6300

Sweetspot

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



83.4020, 46.9300, 107.6820



208.2950, 16.7280, 38.2640



37.7230, -74.4690, 55.5710



99.5030, 9.6700, 22.9980



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.



83.4020, 46.9300, 107.6820



98.1390, 55.8210, 128.2770



79.5780, 86.4560, 85.1760



100.2440, 2.4290, 5.5410



65.8390, 37.4890, 86.0410



16.5630, 9.4410, 21.6410

Inverse Universe

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



67.2660, 121.1240, 51.5880



78.9810, 144.2760, 61.5240



136.4220, -86.4560, -85.1760



99.4030, 6.2350, 2.6430



52.9530, 96.7800, 41.2280



13.3130, 24.3440, 10.3600

Previews

White Background



This preview shows how the YIQ color 83.4020, 46.9300, 107.6820 looks on a white background.

Color Contrast Check

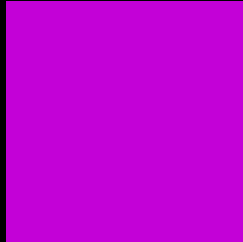
Large Text (above 18pt) WCAG AA ✓ Pass

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 83.4020, 46.9300, 107.6820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

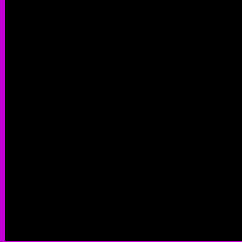
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 83.4020, 46.9300, 107.6820

Background



This preview shows how black text looks on a background with the YIQ color 83.4020, 46.9300, 107.6820.



This preview shows how white text looks on a background with the YIQ color 83.4020, 46.9300,

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

83.4020, 46.9300, 107.6820

Protanopia

91.8330, -105.6390, 14.7210

Deuteranopia

102.7810, -73.4980, 10.4220



Tritanopia

113.3880, 55.2900, 22.2180

Trichromacy



Original Color

83.4020, 46.9300, 107.6820



Protanomaly

88.7840, -50.0760, 48.5160



Deuteranomaly

95.7400, -29.5810, 46.0270



Tritanomaly

102.7020, 52.6710, 53.1750

Monochromacy



Original Color

83.4020, 46.9300, 107.6820



Achromatopsia

83.0000, -0.0000, 0.0000



Achromatomaly

83.1210, 17.2780, 39.3100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 83.4020, 46.9300, 107.6820 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(195, 1, 215)` looks like.

```
.text, #text, p{  
    color:rgb(195, 1, 215)  
}
```

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(195, 1, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 1, 215) }
```

Border

The CSS property to change the border of an element to YIQ 83.4020, 46.9300, 107.6820 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(195, 1, 215) }
```


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

```
.border{ border-color:rgb(195, 1, 215) }
```

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

Here you see how a box with a 4 pixel rgb(195, 1, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 1, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 1, 215);  
box-shadow:4px 4px 4px 4px rgb(195, 1,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 83.4020, 46.9300, 107.6820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 1, 215) }
```

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

```
.background{ background-color: rgb(195, 1,  
215) }
```

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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