

Converting Colors

YIQ(105.4840, 48.4940, 79.3260)

Have a look what the booklet for
YIQ(105.4840, 48.4940, 79.3260)
contains.

YIQ(105.4840, 48.4940, 79.3260)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(105.4840, 48.4940,
79.3260)**

Conversions

Conversions Part 1

Format	Color
Hex	C929BB
RGB	201, 41, 187
RGB Percent	79%, 16%, 73%
CMY	0.2113, 0.8394, 0.2666
CMYK	0.00, 0.80, 0.07, 0.21
HSL	305°, 66%, 47%
HSV	305°, 80%, 79%
XYZ	33.8822, 17.6042, 48.6372
YIQ	105.4840, 48.4940, 79.3260

Conversions

Conversions Part 2

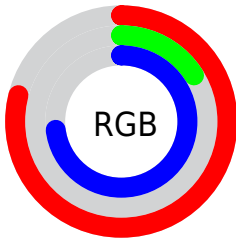
Format	Color
RYB	201, 41, 187
Decimal	13183419
CIELab	49.01, 74.30, -40.80
CIElCh	49, 84.762, 331.230
Yxy	17.6042, 0.3384, 0.1758
Android (android.graphics.Color)	4291373499 (0xFFC929BB)
YUV	105.4840, 40.1874, 83.7675
Hunter-Lab	41.9573, 70.7205, -39.3593

Details

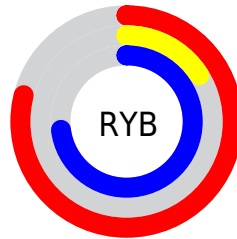
The YIQ color **105.4840, 48.4940, 79.3260** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted rose. A complement of this color would be **136.5160, -48.4940, -79.3260**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.2830, 44.5060, 74.5060**, and **57.9190, 42.5350, 71.6790** is the 20% darker color. If you saturate the color by 10%, you get **93.5160, 54.6360, 89.1640**, and if you desaturate by 10%, it is **117.4520, 42.3520, 69.4880**.

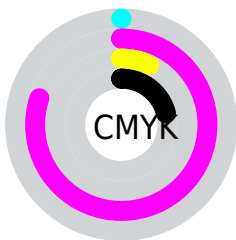
Distribution



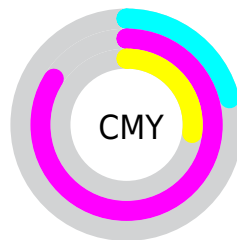
- Red (79%)
- Green (16%)
- Blue (73%)



- Red (79%)
- Yellow (16%)
- Blue (73%)



- Cyan (0%)
- Magenta (80%)
- Yellow (7%)
- Black (21%)





- Cyan (21%)
- Magenta (84%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 105.4840, 48.4940, 79.3260 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 105.4840, 48.4940, 79.3260 by changing the saturation by 10% instead.


 105.4840, 48.4940,
79.3260


 105.4840, 48.4940,
79.3260


255.0000, -0.0000,
-0.0000


 69.6680, 51.1520,
86.2240


 166.2830, 44.5060,
74.5060


 57.9190, 42.5350,
71.6790


 185.1470, 32.7250,
62.2370


 46.2840, 33.5970,
57.4450


 202.1700, 24.7500,
47.0700

 35.1760, 24.6130,
44.0450

 219.1930, 16.7750,
31.9030

 24.9650, 17.4170,
31.2810

 236.8030, 8.5250,
16.2130

 13.0740, 6.3240,
17.5560

254.4130, 0.2750,

 1.2540, -3.5310,

0.5230

3.4210

■ 0.0000, 0.0000,
0.0000

■ 105.4840, 48.4940,
79.3260

■ 105.4840, 48.4940,
79.3260

■ 93.5160, 54.6360,
89.1640

■ 117.4520, 42.3520,
69.4880

■ 81.5480, 60.7780,
99.0020

■ 129.4200, 36.2100,
59.6500

■ 80.9610, 61.0530,
99.5250

■ 141.2740, 30.3890,
49.5010

■ 153.2420, 24.2470,
39.6630

■ 165.7970, 17.8300,
29.3020

■ 177.7650, 11.6880,
19.4640

■ 189.6190, 5.8670,
9.3150

■ 201.5870, -0.2750,
-0.5230

■ 213.5550, -6.4170,
-10.3610

Harmonies

Analogous

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



114.6340, -40.9060, 47.5260



105.4840, 48.4940, 79.3260



83.9020, 103.0990, 86.4190

Triad

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



105.4840, 48.4940, 79.3260



109.3650, 51.8150, -30.4650



107.3620, -101.1400, -17.2680

Complementary

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



105.4840, 48.4940, 79.3260



136.5160, -48.4940, -79.3260

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.



98.5670, -77.7530, -39.1370



105.4840, 48.4940, 79.3260



96.9080, 0.9730, -56.2030

Square

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



105.4840, 48.4940, 79.3260



106.7270, 92.7990, -2.2810



87.2130, -51.2940, -61.6140



110.5830, -117.0990, 2.1410

Rectangle

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



105.4840, 48.4940, 79.3260



78.5440, 118.1860, 71.8020



87.2130, -51.2940, -61.6140



104.7400, -93.7570, -24.4210

Sweetspot

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



105.4840, 48.4940, 79.3260



218.6230, 18.3800, 30.3480



63.1270, -43.6120, 52.5160



105.8250, 11.4590, 18.1070



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.



105.4840, 48.4940, 79.3260



108.6770, 74.4370, 121.2930



96.4780, 73.8530, 54.7570



93.7170, 2.4750, 4.7070



65.7230, 49.3190, 80.8950



14.5260, 10.8630, 17.8950

Inverse Universe

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



105.4840, 48.4940, 79.3260



108.6770, 74.4370, 121.2930



145.5220, -73.8530, -54.7570



93.7170, 2.4750, 4.7070



65.7230, 49.3190, 80.8950



14.5260, 10.8630, 17.8950

Previews

White Background



This preview shows how the YIQ color 105.4840, 48.4940, 79.3260 looks on a white background.

Color Contrast Check

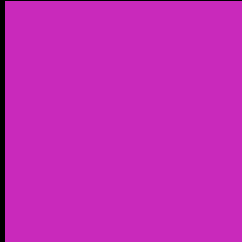
Large Text (above 18pt) WCAG AA ✓ Pass

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 105.4840, 48.4940, 79.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

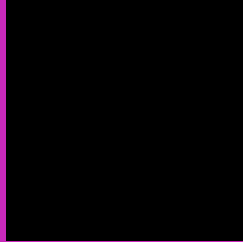
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 105.4840, 48.4940, 79.3260

Background



This preview shows how black text looks on a background with the YIQ color 105.4840, 48.4940, 79.3260.



This preview shows how white text looks on a background with the YIQ color 105.4840, 48.4940,

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

105.4840, 48.4940, 79.3260

Protanopia

93.6910, -108.1150, 15.5410

Deuteranopia

115.4680, -35.9480, 12.7240



Tritanopia

114.4600, 63.9550, 24.8750

Trichromacy



Original Color

105.4840, 48.4940, 79.3260



Protanomaly

98.0900, -51.3580, 38.7060



Deuteranomaly

111.7470, -5.0960, 37.3040



Tritanomaly

111.0690, 58.5870, 45.0750

Monochromacy



Original Color

105.4840, 48.4940, 79.3260



Achromatopsia

105.0000, 0.0000, 0.0000



Achromatomaly

105.3840, 17.5550, 28.7790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 105.4840, 48.4940, 79.3260 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, 41, 187)` looks like.

```
.text, #text, p{  
    color:rgb(201, 41, 187)  
}
```

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, 41, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 41, 187) }
```

Border

The CSS property to change the border of an element to YIQ 105.4840, 48.4940, 79.3260 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, 41, 187) }
```


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

```
.border{ border-color:rgb(201, 41, 187) }
```

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

Here you see how a box with a 4 pixel rgb(201, 41, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 41, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 41, 187);  
box-shadow:4px 4px 4px 4px rgb(201, 41,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 105.4840, 48.4940, 79.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 41, 187) }
```

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

```
.background{ background-color: rgb(201, 41,  
187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor