

Converting Colors

YIQ(90.4880, 51.8390, 90.2950)

Have a look what the booklet for
YIQ(90.4880, 51.8390, 90.2950)
contains.

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Color

**YIQ(90.4880, 51.8390,
90.2950)**

Conversions

Conversions Part 1

Format	Color
Hex	C412BB
RGB	196, 18, 187
RGB Percent	77%, 7%, 73%
CMY	0.2308, 0.9296, 0.2666
CMYK	0.00, 0.91, 0.05, 0.23
HSL	303°, 83%, 42%
HSV	303°, 91%, 77%
XYZ	31.9868, 15.7727, 48.3830
YIQ	90.4880, 51.8390, 90.2950

Conversions

Conversions Part 2

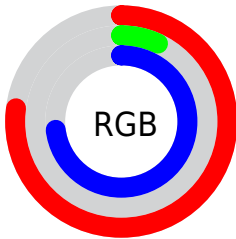
Format	Color
R_{YB}	196, 18, 187
Decimal	12849851
CIE _{Lab}	46.67, 77.64, -44.56
CIE _{LCh}	47, 89.515, 330.147
Yxy	15.7727, 0.3327, 0.1641
Android (android.graphics.Color)	4291039931 (0xFFC412BB)
YUV	90.4880, 47.5804, 92.5340
Hunter-Lab	39.7149, 74.2648, -44.4301

Details

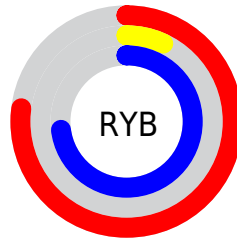
The YIQ color **90.4880, 51.8390, 90.2950** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed rose. A complement of this color would be **123.5120, -51.8390, -90.2950**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **159.8260, 47.5310, 80.2590**, and **56.1250, 38.9590, 70.4070** is the 20% darker color. If you saturate the color by 10%, you get **79.8080, 57.1100, 99.3980**, and if you desaturate by 10%, it is **102.3420, 46.0180, 80.1460**.

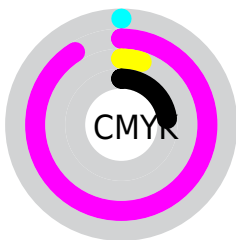
Distribution



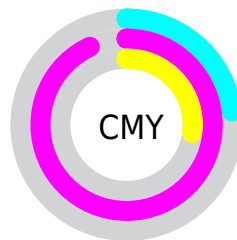
- Red (77%)
- Green (7%)
- Blue (73%)



- Red (77%)
- Yellow (7%)
- Blue (73%)



- Cyan (0%)
- Magenta (91%)
- Yellow (5%)
- Black (23%)





- Cyan (23%)
- Magenta (93%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 90.4880, 51.8390, 90.2950 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 90.4880, 51.8390, 90.2950 by changing the saturation by 10% instead.


 90.4880, 51.8390,
90.2950


 90.4880, 51.8390,
90.2950


255.0000, -0.0000,
-0.0000


 68.1730, 48.1720,
85.1640


 159.8260, 47.5310,
80.2590


 56.4240, 39.5550,
70.6190


 178.6900, 35.7500,
67.9900


 44.7890, 30.6170,
56.3850


 195.7130, 27.7750,
52.8230

 33.5670, 21.9540,
42.6740

 213.3230, 19.5250,
37.1330

 22.8720, 13.2450,
29.7970

 230.9330, 11.2750,
21.4430

 10.6820, 1.5560,
15.8600

 248.5430, 3.0250,

 1.2540, -3.5310,

5.7530

3.4210

■ 0.0000, 0.0000,
0.0000

■ 90.4880, 51.8390,
90.2950

■ 90.4880, 51.8390,
90.2950

■ 79.8080, 57.1100,
99.3980

■ 102.3420, 46.0180,
80.1460

■ 113.6090, 40.4720,
70.5200

■ 125.4630, 34.6510,
60.3710

■ 136.7300, 29.1050,
50.7450

■ 148.5840, 23.2840,
40.5960

■ 160.4380, 17.4630,
30.4470

■ 171.7050, 11.9170,
20.8210

■ 183.5590, 6.0960,
10.6720

■ 194.8260, 0.5500,
1.0460

Harmonies

Analogous

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



106.5450, -50.9010, 46.9470



90.4880, 51.8390, 90.2950



82.9620, 102.8700, 85.0620

Triad

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



90.4880, 51.8390, 90.2950



103.7610, 50.7600, -27.8640



103.2700, -97.8850, -15.6850

Complementary

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



90.4880, 51.8390, 90.2950



123.5120, -51.8390, -90.2950

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.



94.0190, -73.2140, -38.7980



90.4880, 51.8390, 90.2950



90.9940, -2.1450, -54.7610

Square

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



90.4880, 51.8390, 90.2950



100.2590, 94.3570, 2.5250



82.2260, -44.1410, -64.5970



107.5340, -115.4030, 4.4450

Rectangle

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



90.4880, 51.8390, 90.2950



77.3760, 118.5990, 69.8230



82.2260, -44.1410, -64.5970



100.5340, -90.1810, -23.1490

Sweetspot

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



90.4880, 51.8390, 90.2950



214.0410, 20.2590, 34.8430



40.9830, -51.7740, 57.2660



103.5910, 12.2380, 20.5100



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.



90.4880, 51.8390, 90.2950



103.8330, 74.2980, 129.3220



80.3420, 80.4080, 62.6160



91.0160, 3.0710, 4.9190



65.4670, 47.1640, 81.4040



13.4010, 9.7170, 16.6370

Inverse Universe

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



90.4880, 51.8390, 90.2950



103.8330, 74.2980, 129.3220



133.6580, -80.4080, -62.6160



91.0160, 3.0710, 4.9190



65.4670, 47.1640, 81.4040



13.4010, 9.7170, 16.6370

Previews

White Background



This preview shows how the YIQ color 90.4880, 51.8390, 90.2950 looks on a white background.

Color Contrast Check

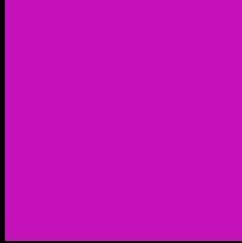
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.4880, 51.8390, 90.2950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

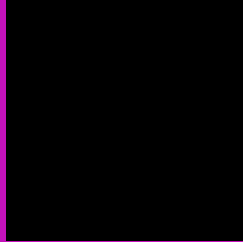
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 90.4880, 51.8390, 90.2950

Background



This preview shows how black text looks on a background with the YIQ color 90.4880, 51.8390, 90.2950.



This preview shows how white text looks on a background with the YIQ color 90.4880, 51.8390,

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

90.4880, 51.8390, 90.2950

Protanopia

89.5020, -103.2090, 14.7350

Deuteranopia

108.8310, -41.4040, 12.4840



Tritanopia

108.4600, 63.9550, 24.8750

Trichromacy



Original Color

90.4880, 51.8390, 90.2950



Protanomaly

89.6500, -47.0030, 42.3810



Deuteranomaly

102.1860, -7.7100, 40.6260



Tritanomaly

101.7750, 59.5950, 48.8350

Monochromacy



Original Color

90.4880, 51.8390, 90.2950



Achromatopsia

90.0000, -0.0000, -0.0000



Achromatomaly

90.3890, 19.1590, 32.7510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.4880, 51.8390, 90.2950 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(196, 18, 187)` looks like.

```
.text, #text, p{  
    color:rgb(196, 18, 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(196, 18, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 18, 187) }
```

Border

The CSS property to change the border of an element to YIQ 90.4880, 51.8390, 90.2950 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(196, 18, 187) }
```


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

```
.border{ border-color:rgb(196, 18, 187) }
```

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

Here you see how a box with a 4 pixel rgb(196, 18, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 18, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 18, 187);  
box-shadow:4px 4px 4px 4px rgb(196, 18,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 90.4880, 51.8390, 90.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 18, 187) }
```

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

```
.background{ background-color: rgb(196, 18,  
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](#).

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