

Converting Colors

YIQ(90.2780, 69.2650, 71.8330)

Have a look what the booklet for
YIQ(90.2780, 69.2650, 71.8330)
contains.

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Color

**YIQ(90.2780, 69.2650,
71.8330)**

Conversions

Conversions Part 1

Format	Color
Hex	C91988
RGB	201, 25, 136
RGB Percent	79%, 10%, 53%
CMY	0.2113, 0.9022, 0.4665
CMYK	0.00, 0.88, 0.32, 0.21
HSL	322°, 78%, 44%
HSV	322°, 88%, 79%
XYZ	28.9143, 14.9058, 24.6637
YIQ	90.2780, 69.2650, 71.8330

Conversions

Conversions Part 2

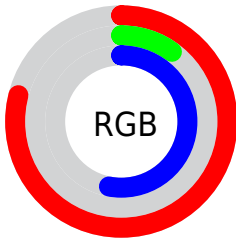
Format	Color
R_{YB}	201, 25, 136
Decimal	13179272
CIE _{Lab}	45.50, 71.17, -15.87
CIE _{LCh}	46, 72.916, 347.426
Yxy	14.9058, 0.4222, 0.2177
Android (android.graphics.Color)	4291369352 (0xFFC91988)
YUV	90.2780, 22.5409, 97.1032
Hunter-Lab	38.6081, 66.1178, -10.8501

Details

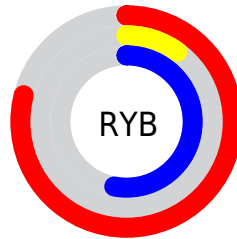
The YIQ color **90.2780, 69.2650, 71.8330** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **135.7220, -69.2650, -71.8330**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **154.1430, 64.9110, 62.6310**, and **52.2620, 57.0260, 56.8500** is the 20% darker color. If you saturate the color by 10%, you get **77.7400, 77.0120, 80.1160**, and if you desaturate by 10%, it is **102.8160, 61.5180, 63.5500**.

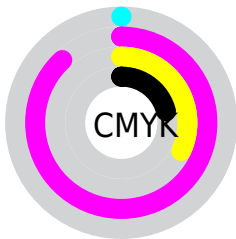
Distribution



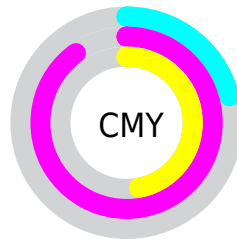
- Red (79%)
- Green (10%)
- Blue (53%)



- Red (79%)
- Yellow (10%)
- Blue (53%)



- Cyan (0%)
- Magenta (88%)
- Yellow (32%)
- Black (21%)





- Cyan (21%)
- Magenta (90%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 90.2780, 69.2650, 71.8330 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 90.2780, 69.2650, 71.8330 by changing the saturation by 10% instead.


 90.2780, 69.2650,
71.8330


 90.2780, 69.2650,
71.8330


255.0000, -0.0000,
-0.0000


 63.7830, 66.2850,
70.7730


 154.1430, 64.9110,
62.6310


 52.2620, 57.0260,
56.8500


 174.3580, 47.9480,
56.1720


 40.9690, 47.1250,
43.5490


 195.2740, 30.3890,
49.5010

 29.7900, 36.9030,
30.5590

 213.3230, 19.5250,
37.1330

 19.2090, 27.8730,
17.9930

 230.9330, 11.2750,
21.4430

 5.9800, 11.9200,
4.2400

 247.9560, 3.3000,

 0.0000, 0.0000,

6.2760

0.0000

■ 90.2780, 69.2650,
71.8330

■ 90.2780, 69.2650,
71.8330

■ 77.7400, 77.0120,
80.1160

■ 102.8160, 61.5180,
63.5500

■ 74.5770, 79.0290,
82.1090

■ 115.4680, 53.4500,
55.5780

■ 128.0060, 45.7030,
47.2950

■ 140.6580, 37.6350,
39.3230

■ 153.7830, 29.6130,
30.5170

■ 166.4350, 21.5450,
22.5450

■ 178.9730, 13.7980,
14.2620

■ 191.5110, 6.0510,
5.9790

■ 204.1630, -2.0170,
-1.9930

Harmonies

Analogous

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



108.3120, 10.0310, 55.0150



90.2780, 69.2650, 71.8330



83.4930, 95.8600, 57.9080

Triad

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



90.2780, 69.2650, 71.8330



97.3940, 26.5080, -39.8920



99.3550, -99.2620, -7.2460

Complementary

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



90.2780, 69.2650, 71.8330



135.7220, -69.2650, -71.8330

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.



94.3730, -82.4780, -25.0860



90.2780, 69.2650, 71.8330



74.5490, -34.9250, -66.4210

Square

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



90.2780, 69.2650, 71.8330



101.8000, 64.1920, -17.9840



86.4900, -61.6590, -44.4670



98.1930, -107.0130, 6.5790

Rectangle

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



90.2780, 69.2650, 71.8330



94.1400, 94.2150, 27.1350



86.4900, -61.6590, -44.4670



98.7050, -94.6760, -13.2680

Sweetspot

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



90.2780, 69.2650, 71.8330



213.5220, 25.8540, 27.0540



64.4990, -17.7560, 68.5160



102.8100, 15.8150, 16.2550



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.



90.2780, 69.2650, 71.8330



94.5990, 100.2990, 104.1310



80.2460, 97.5130, 44.4650



93.3750, 3.4380, 3.7740



60.4790, 64.0850, 66.5890



13.3860, 14.0730, 14.7850

Inverse Universe

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



90.2780, 69.2650, 71.8330



94.5990, 100.2990, 104.1310



145.7540, -97.5130, -44.4650



93.3750, 3.4380, 3.7740



60.4790, 64.0850, 66.5890



13.3860, 14.0730, 14.7850

Previews

White Background



This preview shows how the YIQ color 90.2780, 69.2650, 71.8330 looks on a white background.

Color Contrast Check

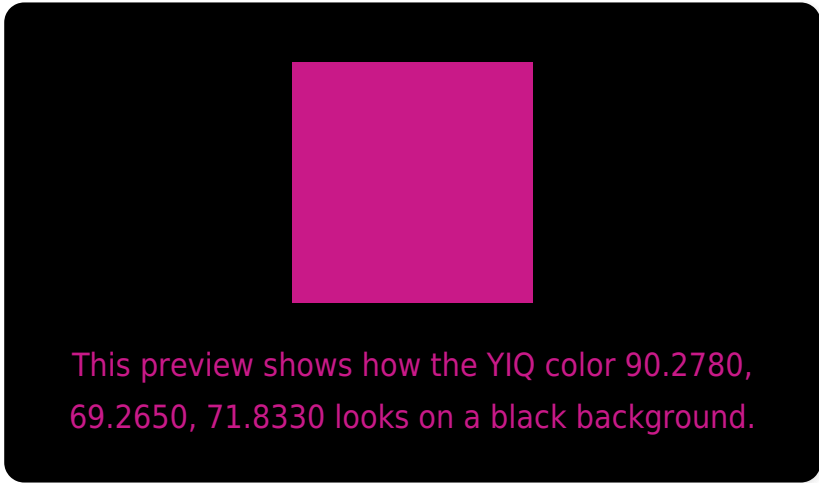
Large Text (above 18pt) WCAG AA ✓ Pass

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

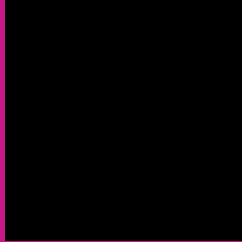
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 90.2780, 69.2650, 71.8330

Background



This preview shows how black text looks on a background with the YIQ color 90.2780, 69.2650, 71.8330.



This preview shows how white text looks on a background with the YIQ color 90.2780, 69.2650,

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

90.2780, 69.2650, 71.8330

Protanopia

105.1110, -47.8240, 18.7040

Deuteranopia

109.8890, -3.7610, 7.5910



Tritanopia

98.9030, 81.8810, 30.4010

Trichromacy



Original Color

90.2780, 69.2650, 71.8330



Protanomaly

99.8610, -5.4170, 37.6150



Deuteranomaly

103.0750, 22.9190, 30.6870



Tritanomaly

95.6490, 77.3850, 45.8090

Monochromacy



Original Color

90.2780, 69.2650, 71.8330



Achromatopsia

90.0000, -0.0000, -0.0000



Achromatomaly

89.8100, 24.9830, 26.3190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.2780, 69.2650, 71.8330 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, 25, 136)` looks like.

```
.text, #text, p{  
    color:rgb(201, 25, 136)  
}
```

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, 25, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 25, 136) }
```

Border

The CSS property to change the border of an element to YIQ 90.2780, 69.2650, 71.8330 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, 25, 136) }
```


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

```
.border{ border-color:rgb(201, 25, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 25, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 25, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 25, 136);  
box-shadow:4px 4px 4px 4px rgb(201, 25,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 90.2780, 69.2650, 71.8330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 25, 136) }
```

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

```
.background{ background-color: rgb(201, 25,  
136) }
```

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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