

Converting Colors

YIQ(98.2680, 58.0300, 82.7180)

Have a look what the booklet for
YIQ(98.2680, 58.0300, 82.7180)
contains.

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Color

**YIQ(98.2680, 58.0300,
82.7180)**

Conversions

Conversions Part 1

Format	Color
Hex	CD1DAF
RGB	205, 29, 175
RGB Percent	80%, 11%, 69%
CMY	0.1956, 0.8865, 0.3136
CMYK	0.00, 0.86, 0.15, 0.20
HSL	310°, 75%, 46%
HSV	310°, 86%, 80%
XYZ	33.3911, 16.9691, 42.0883
YIQ	98.2680, 58.0300, 82.7180

Conversions

Conversions Part 2

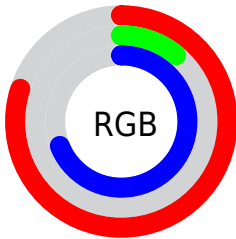
Format	Color
R_{YB}	205, 29, 175
Decimal	13442479
CIE Lab	48.22, 75.99, -34.96
CIE LCh	48, 83.648, 335.292
Yxy	16.9691, 0.3612, 0.1836
Android (android.graphics.Color)	4291632559 (0xFFCD1DAF)
YUV	98.2680, 37.8289, 93.6040
Hunter-Lab	41.1935, 72.6016, -31.7423

Details

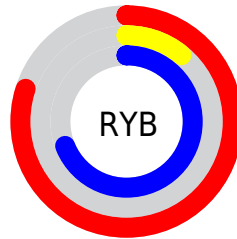
The YIQ color **98.2680, 58.0300, 82.7180** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **135.7320, -58.0300, -82.7180**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **161.2790, 50.3290, 73.6010**, and **57.5620, 47.8540, 68.8940** is the 20% darker color. If you saturate the color by 10%, you get **85.5990, 64.7680, 92.7680**, and if you desaturate by 10%, it is **110.4640, 51.2460, 73.5020**.

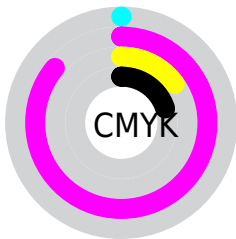
Distribution



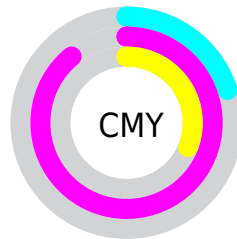
- Red (80%)
- Green (11%)
- Blue (69%)



- Red (80%)
- Yellow (11%)
- Blue (69%)



- Cyan (0%)
- Magenta (86%)
- Yellow (15%)
- Black (20%)



- Cyan (20%)
- Magenta (89%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.2680, 58.0300, 82.7180 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 98.2680, 58.0300, 82.7180 by changing the saturation by 10% instead.

■ 98.2680, 58.0300,
82.7180

■ 98.2680, 58.0300,
82.7180

■ 255.0000, -0.0000,
-0.0000

■ 69.1970, 56.7920,
83.1280

■ 161.2790, 50.3290,
73.6010

■ 57.5620, 47.8540,
68.8940

■ 181.6250, 34.3750,
65.3750

■ 46.0410, 38.5950,
54.9710

■ 198.6480, 26.4000,
50.2080

■ 34.8190, 29.9320,
41.2600

■ 216.2580, 18.1500,
34.5180

■ 24.5370, 21.4980,
28.9060

■ 233.8680, 9.9000,
18.8280

■ 12.9450, 11.0010,
15.3930

■ 251.4780, 1.6500,

■ 0.0000, 0.0000,

3.1380

0.0000

■ 98.2680, 58.0300,
82.7180

■ 98.2680, 58.0300,
82.7180

■ 85.5990, 64.7680,
92.7680

■ 110.4640, 51.2460,
73.5020

■ 80.6750, 67.6100,
96.3300

■ 123.1330, 44.5080,
63.4520

■ 135.3290, 37.7240,
54.2360

■ 147.9980, 30.9860,
44.1860

■ 160.7810, 23.9270,
34.4470

■ 172.8630, 17.4640,
24.9200

■ 185.6460, 10.4050,
15.1810

■ 197.7280, 3.9420,
5.6540

■ 210.5110, -3.1170,
-4.0850

Harmonies

Analogous

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



114.8810, -25.3640, 52.2040



98.2680, 58.0300, 82.7180



81.6370, 105.1630, 82.0510

Triad

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



98.2680, 58.0300, 82.7180



106.6630, 44.9840, -33.3200



106.1710, -101.9200, -14.1440

Complementary

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



98.2680, 58.0300, 82.7180



135.7320, -58.0300, -82.7180

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.



98.3050, -79.7710, -35.6030



98.2680, 58.0300, 82.7180



91.5370, -8.2880, -59.0720

Square

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



98.2680, 58.0300, 82.7180



106.3840, 86.3350, -6.2810



87.8800, -54.5500, -57.6700



108.2350, -115.9990, 4.2330

Rectangle

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



98.2680, 58.0300, 82.7180



75.6100, 117.8200, 67.4200



87.8800, -54.5500, -57.6700



103.7770, -95.1790, -20.6750

Sweetspot

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



98.2680, 58.0300, 82.7180



215.0040, 21.6810, 31.0970



57.7350, -39.2120, 60.8840



103.7220, 13.2470, 18.7430



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.



98.2680, 58.0300, 82.7180



100.2990, 84.2490, 119.6810



88.3500, 85.9570, 55.6610



95.9020, 3.3920, 4.6080



65.2520, 54.9590, 77.7990



15.0100, 12.3760, 18.0080

Inverse Universe

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



98.2680, 58.0300, 82.7180



100.2990, 84.2490, 119.6810



145.6500, -85.9570, -55.6610



95.9020, 3.3920, 4.6080



65.2520, 54.9590, 77.7990



15.0100, 12.3760, 18.0080

Previews

White Background



This preview shows how the YIQ color 98.2680, 58.0300, 82.7180 looks on a white background.

Color Contrast Check

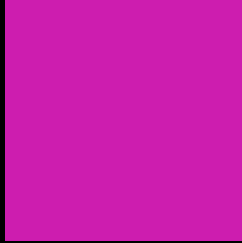
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.2680, 58.0300, 82.7180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

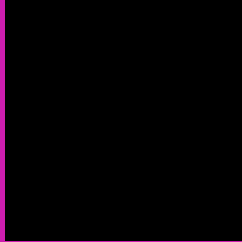
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 98.2680, 58.0300, 82.7180

Background



This preview shows how black text looks on a background with the YIQ color 98.2680, 58.0300, 82.7180.



This preview shows how white text looks on a background with the YIQ color 98.2680, 58.0300,

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

98.2680, 58.0300, 82.7180

Protanopia

92.1750, -106.6020, 15.6540

Deuteranopia

114.7310, -26.5030, 12.2570



Tritanopia

110.2330, 72.0240, 27.3200

Trichromacy



Original Color

98.2680, 58.0300, 82.7180



Protanomaly

94.3680, -46.2690, 40.0910



Deuteranomaly

108.6510, 3.9820, 37.9820



Tritanomaly

105.8420, 66.6560, 47.5200

Monochromacy



Original Color

98.2680, 58.0300, 82.7180



Achromatopsia

98.0000, -0.0000, -0.0000



Achromatomaly

98.1780, 21.1310, 30.0510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.2680, 58.0300, 82.7180 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(205, 29, 175)` looks like.

```
.text, #text, p{  
    color:rgb(205, 29, 175)  
}
```

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(205, 29, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 29, 175) }
```

Border

The CSS property to change the border of an element to YIQ 98.2680, 58.0300, 82.7180 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(205, 29, 175) }
```


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

```
.border{ border-color:rgb(205, 29, 175) }
```

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

Here you see how a box with a 4 pixel rgb(205, 29, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 29, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 29, 175);  
box-shadow:4px 4px 4px 4px rgb(205, 29,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 98.2680, 58.0300, 82.7180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 29, 175) }
```

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

```
.background{ background-color: rgb(205, 29,  
175) }
```

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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