

Converting Colors

YIQ(98.2310, 68.6200, 89.0360)

Have a look what the booklet for
YIQ(98.2310, 68.6200, 89.0360)
contains.

YIQ(98.2310, 68.6200, 89.0360)	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(98.2310, 68.6200,
89.0360)**

Conversions

Conversions Part 1

Format	Color
Hex	DB16AE
RGB	219, 22, 174
RGB Percent	86%, 9%, 68%
CMY	0.1406, 0.9140, 0.3175
CMYK	0.00, 0.90, 0.21, 0.14
HSL	314°, 82%, 47%
HSV	314°, 90%, 86%
XYZ	37.1858, 18.7106, 41.7161
YIQ	98.2310, 68.6200, 89.0360

Conversions

Conversions Part 2

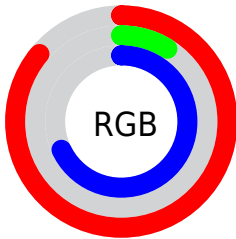
Format	Color
RYB	219, 22, 174
Decimal	14358190
CIELab	50.35, 79.71, -30.87
CIElCh	50, 85.483, 338.832
Yxy	18.7106, 0.3810, 0.1917
Android (android.graphics.Color)	4292548270 (0xFFDB16AE)
YUV	98.2310, 37.3541, 105.9144
Hunter-Lab	43.2557, 77.7544, -26.9007

Details

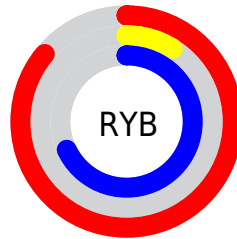
The YIQ color **98.2310, 68.6200, 89.0360** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **142.7690, -68.6200, -89.0360**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **161.1650, 50.6500, 73.2900**, and **61.3350, 55.9230, 71.3390** is the 20% darker color. If you saturate the color by 10%, you get **84.7470, 76.2750, 98.9870**, and if you desaturate by 10%, it is **111.7150, 60.9650, 79.0850**.

Distribution



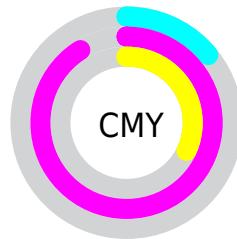
- Red (86%)
- Green (9%)
- Blue (68%)



- Red (86%)
- Yellow (9%)
- Blue (68%)



- Cyan (0%)
- Magenta (90%)
- Yellow (21%)
- Black (14%)





- Cyan (14%)
- Magenta (91%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 98.2310, 68.6200, 89.0360 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 98.2310, 68.6200, 89.0360 by changing the saturation by 10% instead.


 98.2310, 68.6200,
89.0360


 98.2310, 68.6200,
89.0360


255.0000, -0.0000,
-0.0000


 73.2690, 65.4570,
85.7850


 161.1650, 50.6500,
73.2900


 61.3350, 55.9230,
71.3390


 181.6250, 34.3750,
65.3750

 49.8140, 46.6640,
57.4160


 199.2350, 26.1250,
49.6850

 38.4070, 37.0840,
43.8040

 216.8450, 17.8750,
33.9950

 27.7120, 28.3750,
30.9270

 234.4550, 9.6250,
18.3050

 16.2340, 17.5570,
17.7250

 252.6520, 1.1000,

 0.0000, 0.0000,

2.0920

0.0000

■ 98.2310, 68.6200,
89.0360

■ 98.2310, 68.6200,
89.0360

■ 84.7470, 76.2750,
98.9870

■ 111.7150, 60.9650,
79.0850

■ 125.1990, 53.3100,
69.1340

■ 138.6830, 45.6550,
59.1830

■ 152.1670, 38.0000,
49.2320

■ 165.6510, 30.3450,
39.2810

■ 178.5480, 22.9650,
29.8530

■ 192.0320, 15.3100,
19.9020

■ 205.5160, 7.6550,
9.9510

■ 219.0000, 0.0000,
-0.0000

Harmonies

Analogous

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



120.6160, -14.1320, 57.9000



98.2310, 68.6200, 89.0360



84.2850, 112.0860, 83.2380

Triad

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



98.2310, 68.6200, 89.0360



110.7610, 41.5920, -37.9280



111.5170, -108.7060, -12.3060

Complementary

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



98.2310, 68.6200, 89.0360



142.7690, -68.6200, -89.0360

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.



103.4230, -85.9150, -34.3870



98.2310, 68.6200, 89.0360



91.1610, -19.1530, -65.9130

Square

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



98.2310, 68.6200, 89.0360



111.9660, 84.4560, -10.7760



93.4710, -60.6480, -57.2880



112.4240, -120.9050, 5.0390

Rectangle

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



98.2310, 68.6200, 89.0360



88.8730, 118.0970, 56.8890



93.4710, -60.6480, -57.2880



109.5960, -101.9190, -19.6710

Sweetspot

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



98.2310, 68.6200, 89.0360



212.6730, 24.1110, 31.1110



57.3150, -37.6090, 70.3830



102.7930, 14.4850, 18.3330



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.



98.2310, 68.6200, 89.0360



98.7030, 88.7430, 115.3270



87.2870, 99.4360, 59.1800



103.2010, 3.9880, 4.8200



67.0030, 60.0940, 78.3500



17.7440, 16.1810, 20.6370

Inverse Universe

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



98.2310, 68.6200, 89.0360



98.7030, 88.7430, 115.3270



153.7130, -99.4360, -59.1800



103.2010, 3.9880, 4.8200



67.0030, 60.0940, 78.3500



17.7440, 16.1810, 20.6370

Previews

White Background



This preview shows how the YIQ color 98.2310, 68.6200, 89.0360 looks on a white background.

Color Contrast Check

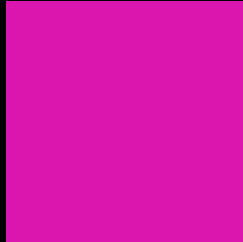
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 98.2310, 68.6200, 89.0360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

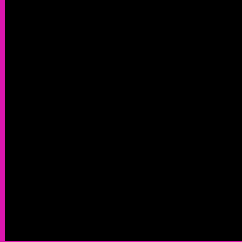
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 98.2310, 68.6200, 89.0360

Background



This preview shows how black text looks on a background with the YIQ color 98.2310, 68.6200, 89.0360.



This preview shows how white text looks on a background with the YIQ color 98.2310, 68.6200,

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

98.2310, 68.6200, 89.0360

Protanopia

105.7640, -92.0230, 21.2650

Deuteranopia

121.0260, -20.0840, 11.5640



Tritanopia

113.3160, 82.1560, 30.9240

Trichromacy



Original Color

98.2310, 68.6200, 89.0360



Protanomaly

102.7010, -33.8450, 46.2110



Deuteranomaly

112.8970, 12.0970, 39.5930



Tritanomaly

107.7510, 77.3380, 52.1700

Monochromacy



Original Color

98.2310, 68.6200, 89.0360



Achromatopsia

98.0000, -0.0000, -0.0000



Achromatomaly

97.9120, 24.9360, 32.6800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.2310, 68.6200, 89.0360 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(219, 22, 174)` looks like.

```
.text, #text, p{  
    color:rgb(219, 22, 174)  
}
```

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(219, 22, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 22, 174) }
```

Border

The CSS property to change the border of an element to YIQ 98.2310, 68.6200, 89.0360 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(219, 22, 174) }
```


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

```
.border{ border-color:rgb(219, 22, 174) }
```

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

Here you see how a box with a 4 pixel rgb(219, 22, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 22, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 22, 174);  
box-shadow:4px 4px 4px 4px rgb(219, 22,  
174) }
```

Background

The CSS property to change the background color of an element to YIQ 98.2310, 68.6200, 89.0360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 22, 174) }
```

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

```
.background{ background-color: rgb(219, 22,  
174) }
```

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