

Converting Colors

YIQ(85.2600, 69.6760, 80.9080)

Have a look what the booklet for
YIQ(85.2600, 69.6760, 80.9080)
contains.

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Color

**YIQ(85.2600, 69.6760,
80.9080)**

Conversions

Conversions Part 1

Format	Color
Hex	CA0E92
RGB	202, 14, 146
RGB Percent	79%, 5%, 57%
CMY	0.2073, 0.9453, 0.4273
CMYK	0.00, 0.93, 0.28, 0.21
HSL	318°, 87%, 42%
HSV	318°, 93%, 79%
XYZ	29.7414, 14.9641, 28.5331
YIQ	85.2600, 69.6760, 80.9080

Conversions

Conversions Part 2

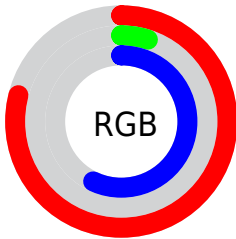
Format	Color
RYB	202, 14, 146
Decimal	13242002
CIELab	45.58, 74.00, -21.80
CIELCh	46, 77.145, 343.582
Yxy	14.9641, 0.4061, 0.2043
Android (android.graphics.Color)	4291432082 (0xFFCA0E92)
YUV	85.2600, 29.9448, 102.3810
Hunter-Lab	38.6834, 69.5422, -16.6542

Details

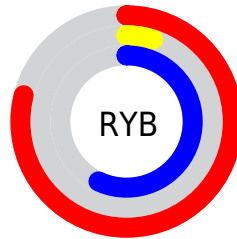
The YIQ color **85.2600, 69.6760, 80.9080** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **130.7400, -69.6760, -80.9080**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **153.6360, 62.2050, 67.6210**, and **53.5870, 54.7330, 59.8610** is the 20% darker color. If you saturate the color by 10%, you get **76.5860, 74.8100, 86.9860**, and if you desaturate by 10%, it is **97.6840, 62.2500, 72.3140**.

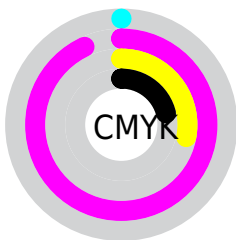
Distribution



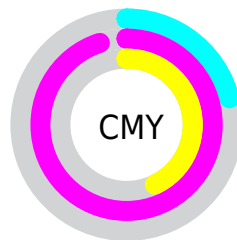
- Red (79%)
- Green (5%)
- Blue (57%)



- Red (79%)
- Yellow (5%)
- Blue (57%)



- Cyan (0%)
- Magenta (93%)
- Yellow (28%)
- Black (21%)





- Cyan (21%)
- Magenta (95%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 85.2600, 69.6760, 80.9080 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 85.2600, 69.6760, 80.9080 by changing the saturation by 10% instead.


 85.2600, 69.6760,
80.9080


 85.2600, 69.6760,
80.9080


255.0000, -0.0000,
-0.0000


 65.1080, 63.9920,
73.7840


 153.6360, 62.2050,
67.6210


 53.5870, 54.7330,
59.8610


 174.4380, 44.9670,
60.6390


 42.1800, 45.1530,
46.2490


 194.5390, 28.3250,
53.8690

 31.0010, 34.9310,
33.2590

 212.1490, 20.0750,
38.1790

 20.5340, 25.5800,
21.0040

 229.1720, 12.1000,
23.0120

 7.2900, 13.9830,
5.3990

 246.7820, 3.8500,

 0.0000, 0.0000,

7.3220

0.0000

■ 85.2600, 69.6760,
80.9080

■ 85.2600, 69.6760,
80.9080

■ 76.5860, 74.8100,
86.9860

■ 97.6840, 62.2500,
72.3140

■ 110.1080, 54.8240,
63.7200

■ 123.1190, 47.1230,
54.6030

■ 135.5430, 39.6970,
46.0090

■ 147.9670, 32.2710,
37.4150

■ 160.3910, 24.8450,
28.8210

■ 172.8150, 17.4190,
20.2270

■ 185.8260, 9.7180,
11.1100

■ 198.2500, 2.2920,
2.5160

Harmonies

Analogous

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



109.0490, 0.5860, 55.4820



85.2600, 69.6760, 80.9080



74.2310, 103.0100, 71.5060

Triad

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



85.2600, 69.6760, 80.9080



98.3130, 31.2300, -37.3620



100.5290, -99.8120, -8.2920

Complementary

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



85.2600, 69.6760, 80.9080



130.7400, -69.6760, -80.9080

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.



94.8630, -81.1020, -27.9980



85.2600, 69.6760, 80.9080



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.



85.2600, 69.6760, 80.9080



101.8440, 70.0600, -14.1960



85.3500, -58.4490, -47.5770



100.5240, -109.4430, 6.5650

Rectangle

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



85.2600, 69.6760, 80.9080



88.1830, 101.8240, 37.9200



85.3500, -58.4490, -47.5770



98.9500, -93.9880, -14.7240

Sweetspot

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



85.2600, 69.6760, 80.9080



210.9290, 26.2660, 30.6020



51.2790, -28.7600, 69.7040



100.6900, 16.2730, 18.9690



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.



85.2600, 69.6760, 80.9080



96.6510, 94.5210, 109.7290



74.8860, 98.8870, 52.6070



95.7880, 3.7130, 4.2970



62.8580, 61.7000, 71.2680



14.4400, 13.9810, 16.4530

Inverse Universe

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



85.2600, 69.6760, 80.9080



96.6510, 94.5210, 109.7290



141.1140, -98.8870, -52.6070



95.7880, 3.7130, 4.2970



62.8580, 61.7000, 71.2680



14.4400, 13.9810, 16.4530

Previews

White Background



This preview shows how the YIQ color 85.2600, 69.6760, 80.9080 looks on a white background.

Color Contrast Check

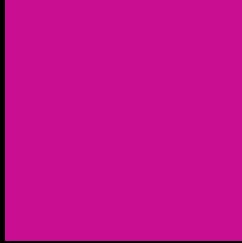
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.2600, 69.6760, 80.9080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

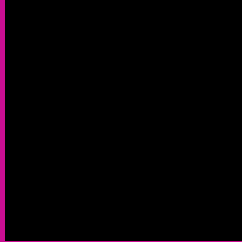
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 85.2600, 69.6760, 80.9080

Background



This preview shows how black text looks on a background with the YIQ color 85.2600, 69.6760, 80.9080.



This preview shows how white text looks on a background with the YIQ color 85.2600, 69.6760,

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

85.2600, 69.6760, 80.9080

Protanopia

102.2650, -62.8170, 20.5990

Deuteranopia

110.1210, -10.2260, 9.1180



Tritanopia

100.1910, 81.0100, 29.6660

Trichromacy



Original Color

85.2600, 69.6760, 80.9080



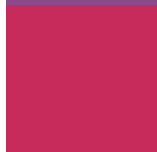
Protanomaly

96.5320, -14.4960, 42.4640



Deuteranomaly

100.9700, 19.0210, 35.2530



Tritanomaly

94.9310, 76.6510, 48.0990

Monochromacy



Original Color

85.2600, 69.6760, 80.9080



Achromatopsia

85.0000, -0.0000, 0.0000



Achromatomaly

85.1030, 25.7160, 29.5560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.2600, 69.6760, 80.9080 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(202, 14, 146)` looks like.

```
.text, #text, p{  
    color:rgb(202, 14, 146)  
}
```

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(202, 14, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 14, 146) }
```

Border

The CSS property to change the border of an element to YIQ 85.2600, 69.6760, 80.9080 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(202, 14, 146) }
```


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

```
.border{ border-color:rgb(202, 14, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 14, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 14, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 14, 146);  
box-shadow:4px 4px 4px 4px rgb(202, 14,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 85.2600, 69.6760, 80.9080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 14, 146) }
```

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

```
.background{ background-color: rgb(202, 14,  
146) }
```

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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