

Converting Colors

YIQ(79.1340, 70.2710, 86.6470)

Have a look what the booklet for
YIQ(79.1340, 70.2710, 86.6470)
contains.

YIQ(79.1340, 70.2710, 86.6470)	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(79.1340, 70.2710,
86.6470)**

Conversions

Conversions Part 1

Format	Color
Hex	C80495
RGB	200, 4, 149
RGB Percent	78%, 2%, 58%
CMY	0.2151, 0.9845, 0.4155
CMYK	0.00, 0.98, 0.26, 0.22
HSL	316°, 96%, 40%
HSV	316°, 98%, 78%
XYZ	29.3281, 14.5553, 29.7152
YIQ	79.1340, 70.2710, 86.6470

Conversions

Conversions Part 2

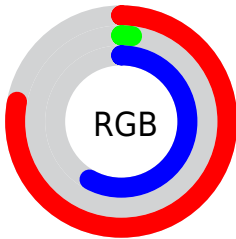
Format	Color
RYB	200, 4, 149
Decimal	13108373
CIELab	45.02, 74.86, -24.52
CIElCh	45, 78.774, 341.861
Yxy	14.5553, 0.3985, 0.1978
Android (android.graphics.Color)	4291298453 (0xFFC80495)
YUV	79.1340, 34.4439, 105.9995
Hunter-Lab	38.1513, 70.4535, -19.4737

Details

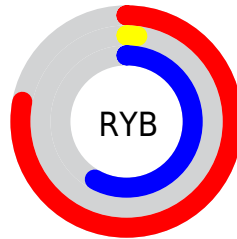
The YIQ color **79.1340, 70.2710, 86.6470** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **124.8660, -70.2710, -86.6470**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **152.2170, 62.0670, 70.1230**, and **53.3310, 52.5780, 60.3700** is the 20% darker color. If you saturate the color by 10%, you get **76.6720, 71.6920, 88.4280**, and if you desaturate by 10%, it is **91.4440, 63.1660, 77.7420**.

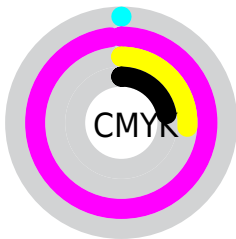
Distribution



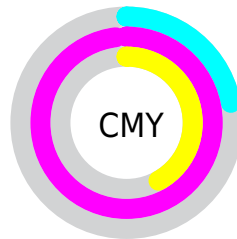
- Red (78%)
- Green (2%)
- Blue (58%)



- Red (78%)
- Yellow (2%)
- Blue (58%)



- Cyan (0%)
- Magenta (98%)
- Yellow (26%)
- Black (22%)





- Cyan (22%)
- Magenta (98%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 79.1340, 70.2710, 86.6470 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 79.1340, 70.2710, 86.6470 by changing the saturation by 10% instead.


 79.1340, 70.2710,
86.6470


 79.1340, 70.2710,
86.6470


255.0000, -0.0000,
-0.0000


 64.8520, 61.8370,
74.2930


 152.2170, 62.0670,
70.1230


 53.3310, 52.5780,
60.3700


 173.1330, 44.5080,
63.4520


 41.9240, 42.9980,
46.7580


 193.3650, 28.8750,
54.9150

 30.9300, 33.6930,
33.6690

 210.3880, 20.9000,
39.7480

 20.1640, 23.7460,
21.2020

 227.9980, 12.6500,
24.0580

 6.5780, 13.1120,
4.6640

 245.6080, 4.4000,

 0.0000, 0.0000,

8.3680

0.0000

■ 79.1340, 70.2710,
86.6470

■ 79.1340, 70.2710,
86.6470

■ 76.6720, 71.6920,
88.4280

■ 91.4440, 63.1660,
77.7420

■ 103.7540, 56.0610,
68.8370

■ 116.1780, 48.6350,
60.2430

■ 128.4880, 41.5300,
51.3380

■ 140.7980, 34.4250,
42.4330

■ 153.1080, 27.3200,
33.5280

■ 165.5320, 19.8940,
24.9340

■ 177.8420, 12.7890,
16.0290

■ 190.1520, 5.6840,
7.1240

Harmonies

Analogous

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



107.2980, -4.5490, 54.9310



79.1340, 70.2710, 86.6470



74.7580, 102.9640, 72.3400

Triad

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



79.1340, 70.2710, 86.6470



97.7370, 32.9720, -35.8920



99.6000, -98.5740, -8.7020

Complementary

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



79.1340, 70.2710, 86.6470



124.8660, -70.2710, -86.6470

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.



93.1190, -78.9470, -28.5070



79.1340, 70.2710, 86.6470



73.3750, -34.3750, -65.3750

Square

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



79.1340, 70.2710, 86.6470



100.0940, 72.3520, -11.6800



83.9650, -55.9270, -49.2310



99.9370, -109.1680, 7.0880

Rectangle

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



79.1340, 70.2710, 86.6470



82.1390, 105.1240, 44.1960



83.9650, -55.9270, -49.2310



98.0210, -92.7500, -15.1340

Sweetspot

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



79.1340, 70.2710, 86.6470



209.3960, 26.4490, 32.7930



40.9950, -33.7120, 71.3440



100.2170, 16.2270, 19.8030



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.



79.1340, 70.2710, 86.6470



97.7910, 91.3110, 112.8390



68.1900, 101.0870, 56.7910



93.4890, 3.1170, 4.0850



62.5310, 58.3070, 72.1870



13.7280, 13.1100, 15.7180

Inverse Universe

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



79.1340, 70.2710, 86.6470



97.7910, 91.3110, 112.8390



135.8100, -101.0870, -56.7910



93.4890, 3.1170, 4.0850



62.5310, 58.3070, 72.1870



13.7280, 13.1100, 15.7180

Previews

White Background



This preview shows how the YIQ color 79.1340, 70.2710, 86.6470 looks on a white background.

Color Contrast Check

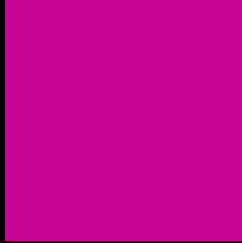
Large Text (above 18pt) WCAG AA ✓ Pass

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 79.1340, 70.2710, 86.6470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

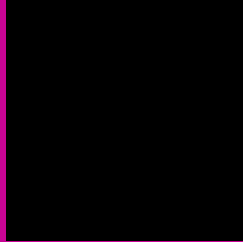
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.1340, 70.2710, 86.6470

Background



This preview shows how black text looks on a background with the YIQ color 79.1340, 70.2710, 86.6470.



This preview shows how white text looks on a background with the YIQ color 79.1340, 70.2710,

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

79.1340, 70.2710, 86.6470

Protanopia

98.9590, -70.7030, 20.3450

Deuteranopia

108.8650, -12.3810, 9.6270



Tritanopia

99.7070, 79.4970, 29.5530

Trichromacy



Original Color

79.1340, 70.2710, 86.6470



Protanomaly

91.6610, -19.1730, 44.6270



Deuteranomaly

98.0670, 17.3700, 37.6420



Tritanomaly

92.2130, 75.9170, 50.3890

Monochromacy



Original Color

79.1340, 70.2710, 86.6470



Achromatopsia

79.0000, -0.0000, 0.0000



Achromatomaly

79.1570, 25.6240, 31.2240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.1340, 70.2710, 86.6470 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(200, 4, 149)` looks like.

```
.text, #text, p{  
    color:rgb(200, 4, 149)  
}
```

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(200, 4, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 4, 149) }
```

Border

The CSS property to change the border of an element to YIQ 79.1340, 70.2710, 86.6470 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(200, 4, 149) }
```


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

```
.border{ border-color:rgb(200, 4, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 4, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 4, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 4, 149);  
box-shadow:4px 4px 4px 4px rgb(200, 4,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 79.1340, 70.2710, 86.6470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 4, 149) }
```

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

```
.background{ background-color: rgb(200, 4,  
149) }
```

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