

Converting Colors

YIQ(129.1810, 80.0840, 79.5080)

Have a look what the booklet for
YIQ(129.1810, 80.0840, 79.5080)
contains.

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Color

**YIQ(129.1810, 80.0840,
79.5080)**

Conversions

Conversions Part 1

Format	Color
Hex	FF38B0
RGB	255, 56, 176
RGB Percent	100%, 22%, 69%
CMY	0.0000, 0.7807, 0.3096
CMYK	0.00, 0.78, 0.31, 0.00
HSL	324°, 100%, 61%
HSV	324°, 78%, 100%
XYZ	50.4923, 27.2171, 43.6962
YIQ	129.1810, 80.0840, 79.5080

Conversions

Conversions Part 2

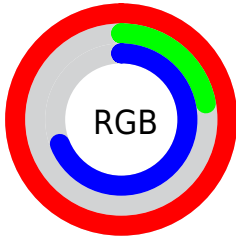
Format	Color
RYB	255, 56, 176
Decimal	16726192
CIELab	59.17, 80.92, -17.91
CIELCh	59, 82.877, 347.519
Yxy	27.2171, 0.4159, 0.2242
Android (android.graphics.Color)	4294916272 (0xFFFF38B0)
YUV	129.1810, 23.0818, 110.3433
Hunter-Lab	52.1700, 81.4620, -13.1407

Details

The YIQ color **129.1810, 80.0840, 79.5080** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **181.8190, -80.0840, -79.5080**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.8940, 43.6830, 61.8830**, and **71.7290, 75.5450, 79.1690** is the 20% darker color. If you saturate the color by 10%, you get **112.7790, 90.4440, 89.9960**, and if you desaturate by 10%, it is **144.9960, 69.9990, 69.5430**.

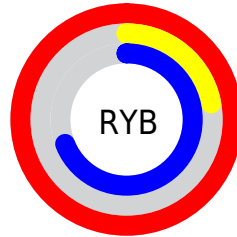
Distribution



Red (100%)

Green (22%)

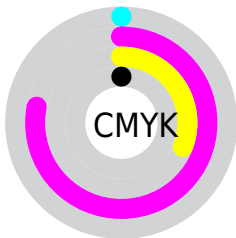
Blue (69%)



Red (100%)

Yellow (22%)

Blue (69%)

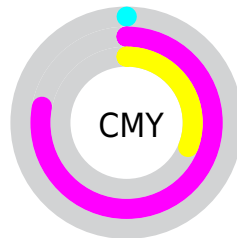


Cyan (0%)

Magenta (78%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (78%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.1810, 80.0840, 79.5080 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 129.1810, 80.0840, 79.5080 by changing the saturation by 10% instead.


 129.1810, 80.0840,
79.5080


 129.1810, 80.0840,
79.5080


255.0000, -0.0000,
-0.0000


 83.9620, 85.6750,
93.8270


 174.8940, 43.6830,
61.8830


 71.7290, 75.5450,
79.1690


 195.1260, 28.0500,
53.3460

 59.9090, 65.6900,
65.0340


 212.7360, 19.8000,
37.6560

 48.2030, 55.5140,
51.2100

 230.9330, 11.2750,
21.4430

 36.7250, 44.6960,
38.0080

 248.5430, 3.0250,
5.7530

 26.2580, 35.3450,
25.7530

 13.9820, 26.7740,

10.3740

■ 0.0000, 0.0000,
0.0000

■ 129.1810, 80.0840,
79.5080

■ 129.1810, 80.0840,
79.5080

■ 112.7790, 90.4440,
89.9960

■ 144.9960, 69.9990,
69.5430

■ 96.9640, 100.5290,
99.9610

■ 161.3980, 59.6390,
59.0550

■ 93.8010, 102.5460,
101.9540

■ 177.2130, 49.5540,
49.0900

■ 193.7290, 38.8730,
38.9130

■ 209.5440, 28.7880,
28.9480

■ 225.9460, 18.4280,
18.4600

■ 241.7610, 8.3430,
8.4950

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



144.6040, 12.5050, 65.2490



129.1810, 80.0840, 79.5080



118.6250, 104.2960, 59.2080

Triad

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



129.1810, 80.0840, 79.5080



128.6920, 36.8720, -51.5120



128.7630, -126.9540, -11.9940

Complementary

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



129.1810, 80.0840, 79.5080



181.8190, -80.0840, -79.5080

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.



123.1140, -106.9140, -33.7780



129.1810, 80.0840, 79.5080



102.6840, -48.9070, -77.3470

Square

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



129.1810, 80.0840, 79.5080



134.0390, 82.2120, -25.1800



113.2760, -81.9680, -56.3680



122.9900, -125.8550, -4.3750

Rectangle

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



129.1810, 80.0840, 79.5080



128.5290, 112.2330, 30.9930



113.2760, -81.9680, -56.3680



127.7710, -121.4050, -18.9490

Sweetspot

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



129.1810, 80.0840, 79.5080



217.7450, 23.6080, 23.7040



101.4100, -18.5830, 78.0010



105.1580, 14.7150, 14.1630



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.



129.1810, 80.0840, 79.5080



103.2900, 96.4950, 95.9750



118.1230, 111.2210, 49.3410



119.6850, 5.5010, 4.9330



70.2190, 76.9210, 76.2570



23.4680, 25.9460, 25.3860

Inverse Universe

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



129.1810, 80.0840, 79.5080



103.2900, 96.4950, 95.9750



192.8770, -111.2210, -49.3410



119.6850, 5.5010, 4.9330



70.2190, 76.9210, 76.2570



23.4680, 25.9460, 25.3860

Previews

White Background



This preview shows how the YIQ color 129.1810, 80.0840, 79.5080 looks on a white background.

Color Contrast Check

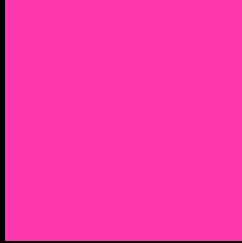
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.1810, 80.0840, 79.5080 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 129.1810, 80.0840, 79.5080

Background



This preview shows how black text looks on a background with the YIQ color 129.1810, 80.0840, 79.5080.



This preview shows how white text looks on a background with the YIQ color 129.1810, 80.0840,

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

129.1810, 80.0840, 79.5080

Protanopia

140.1800, -52.2720, 22.2240

Deuteranopia

144.1710, -4.4950, 9.8810



Tritanopia

133.9050, 96.7350, 36.5350

Trichromacy



Original Color

129.1810, 80.0840, 79.5080



Protanomaly

135.9200, -3.9050, 43.2550



Deuteranomaly

138.9770, 26.3110, 35.2950



Tritanomaly

132.2810, 90.4050, 52.1410

Monochromacy



Original Color

129.1810, 80.0840, 79.5080



Achromatopsia

129.0000, 0.0000, 0.0000



Achromatomaly

128.8430, 29.3840, 29.1600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.1810, 80.0840, 79.5080 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(255, 56, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 56, 176)  
}
```

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(255, 56, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 56, 176) }
```

Border

The CSS property to change the border of an element to YIQ 129.1810, 80.0840, 79.5080 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(255, 56, 176) }
```


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

```
.border{ border-color:rgb(255, 56, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 56, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 56, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 56, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 56,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 129.1810, 80.0840, 79.5080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 56, 176) }
```

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

```
.background{ background-color: rgb(255, 56,  
176) }
```

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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