

Converting Colors

YIQ(172.1910, 28.2840, 27.0680)

Have a look what the booklet for
YIQ(172.1910, 28.2840, 27.0680)
contains.

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Color

**YIQ(172.1910, 28.2840,
27.0680)**

Conversions

Conversions Part 1

Format	Color
Hex	D893BB
RGB	216, 147, 187
RGB Percent	85%, 58%, 73%
CMY	0.1527, 0.4236, 0.2666
CMYK	0.00, 0.32, 0.13, 0.15
HSL	325°, 47%, 71%
HSV	325°, 32%, 85%
XYZ	47.7342, 39.0535, 52.0475
YIQ	172.1910, 28.2840, 27.0680

Conversions

Conversions Part 2

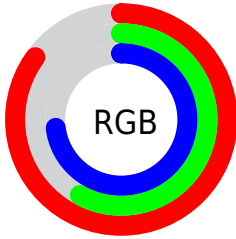
Format	Color
R _Y B	216, 147, 187
Decimal	14193595
CIE Lab	68.79, 31.96, -10.19
CIE LCh	69, 33.547, 342.319
Yxy	39.0535, 0.3438, 0.2813
Android (android.graphics.Color)	4292383675 (0xFFD893BB)
YUV	172.1910, 7.3008, 38.4205
Hunter-Lab	62.4928, 26.9824, -5.6352

Details

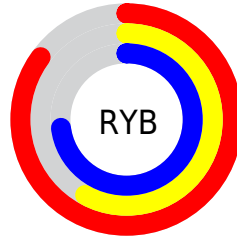
The YIQ color **172.1910, 28.2840, 27.0680** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **190.8090, -28.2840, -27.0680**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.5210, 18.4270, 23.9870**, and **118.8810, 26.2210, 25.9090** is the 20% darker color. If you saturate the color by 10%, you get **158.2510, 37.2230, 35.7750**, and if you desaturate by 10%, it is **186.1310, 19.3450, 18.3610**.

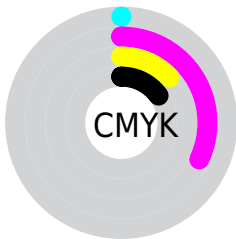
Distribution



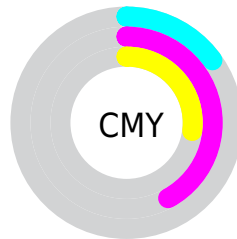
- Red (85%)
- Green (58%)
- Blue (73%)



- Red (85%)
- Yellow (58%)
- Blue (73%)



- Cyan (0%)
- Magenta (32%)
- Yellow (13%)
- Black (15%)





- Cyan (15%)
- Magenta (42%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 172.1910, 28.2840, 27.0680 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 172.1910, 28.2840, 27.0680 by changing the saturation by 10% instead.


 172.1910, 28.2840,
27.0680

 172.1910, 28.2840,
27.0680


255.0000, -0.0000,
-0.0000


 145.4790, 27.4130,
26.3330


 222.5210, 18.4270,
23.9870


 118.8810, 26.2210,
25.9090

 240.3250, 6.8750,
13.0750

 93.2830, 25.0290,
25.4850

 68.5710, 24.1580,
24.7500

 44.3860, 23.2410,
24.8490

 21.4890, 21.4530,
24.2130

 13.2290, 15.9530,

13.7530

■ 0.0000, 0.0000,
0.0000

■ 172.1910, 28.2840,
27.0680

■ 172.1910, 28.2840,
27.0680

■ 158.2510, 37.2230,
35.7750

■ 186.1310, 19.3450,
18.3610

■ 144.8980, 45.8870,
43.9590

■ 199.4840, 10.6810,
10.1770

■ 130.9580, 54.8260,
52.6660

■ 213.4240, 1.7420,
1.4700

■ 117.6050, 63.4900,
60.8500

■ 226.7770, -6.9220,
-6.7140

■ 103.6650, 72.4290,
69.5570

■ 240.7170,
-15.8610, -15.4210

■ 89.7250, 81.3680,
78.2640

■ 241.7430,
-18.7500, -12.6220

■ 78.8340, 88.6110,
84.6670

■ 242.8830,
-21.9600, -9.5120

■ 243.3390,
-23.2440, -8.2680

Harmonies

Analogous

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



172.0660, 0.7750, 24.5110



172.1910, 28.2840, 27.0680



171.0710, 45.9370, 21.0170

Triad

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



172.1910, 28.2840, 27.0680



164.7260, 23.4780, -18.0100



149.0840, -79.8660, -17.3540

Complementary

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



172.1910, 28.2840, 27.0680



190.8090, -28.2840, -27.0680

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.



149.7570, -66.0640, -25.2000



172.1910, 28.2840, 27.0680



160.8520, -3.4800, -25.0480

Square

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



172.1910, 28.2840, 27.0680



167.4560, 42.2740, -6.2220



155.9870, -34.6570, -27.2090



158.2640, -62.2170, -1.2970

Rectangle

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



172.1910, 28.2840, 27.0680



170.0680, 50.0190, 13.1150



155.9870, -34.6570, -27.2090



147.7480, -79.0400, -21.3120

Sweetspot

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



172.1910, 28.2840, 27.0680



239.0710, 10.4060, 9.6540



163.5370, -4.8650, 27.6070



117.8100, 6.6470, 6.1910



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.



172.1910, 28.2840, 27.0680



193.3870, 39.8360, 37.9800



168.3150, 39.1980, 16.4940



100.0870, 4.3090, 4.5090



62.4150, 70.1370, 67.0410



15.7070, 17.6030, 16.8910

Inverse Universe

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



172.1910, 28.2840, 27.0680



193.3870, 39.8360, 37.9800



194.6850, -39.1980, -16.4940



100.0870, 4.3090, 4.5090



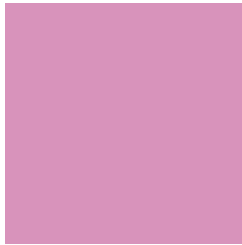
62.4150, 70.1370, 67.0410



15.7070, 17.6030, 16.8910

Previews

White Background



This preview shows how the YIQ color 172.1910, 28.2840, 27.0680 looks on a white background.

Color Contrast Check

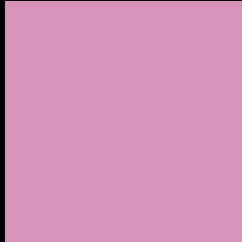
Large Text (above 18pt) WCAG AA × Fail

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 172.1910, 28.2840, 27.0680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

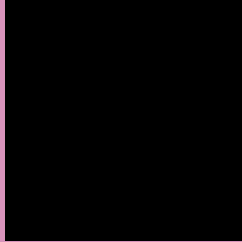
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.1910, 28.2840, 27.0680

Background



This preview shows how black text looks on a background with the YIQ color 172.1910, 28.2840, 27.0680.



This preview shows how white text looks on a background with the YIQ color 172.1910, 28.2840,

27.0680.

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

172.1910, 28.2840, 27.0680

Protanopia

168.9680, -14.1690, 8.9910

Deuteranopia

170.1670, 1.3280, 8.9760



Tritanopia

170.9060, 33.1000, 16.8760

Trichromacy



Original Color

172.1910, 28.2840, 27.0680

Protanomaly

170.2690, 1.2810, 15.3370

Deuteranomaly

170.9450, 11.0010, 15.3930

Tritanomaly

171.6440, 31.0820, 20.4100

Monochromacy



Original Color

172.1910, 28.2840, 27.0680

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.0710, 10.4060, 9.6540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.1910, 28.2840, 27.0680 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(216, 147, 187)` looks like.

```
.text, #text, p{  
    color:rgb(216, 147, 187)  
}
```

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(216, 147, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 147, 187) }
```

Border

The CSS property to change the border of an element to YIQ 172.1910, 28.2840, 27.0680 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(216, 147, 187) }
```


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

```
.border{ border-color:rgb(216, 147, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 147, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 147, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 147, 187); box-shadow:4px 4px 4px 4px rgb(216, 147, 187) }
```

Background

The CSS property to change the background color of an element to YIQ 172.1910, 28.2840, 27.0680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 147, 187) }
```

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

```
.background{ background-color: rgb(216,  
147, 187) }
```

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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