

Converting Colors

YIQ(180.2770, -28.7010,
-2.9810)

Have a look what the booklet for
YIQ(180.2770, -28.7010, -2.9810)
contains.

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Color

**YIQ(180.2770, -28.7010,
-2.9810)**

Conversions

Conversions Part 1

Format	Color
Hex	97BECF
RGB	151, 190, 207
RGB Percent	59%, 75%, 81%
CMY	0.4079, 0.2548, 0.1884
CMYK	0.27, 0.08, 0.00, 0.19
HSL	198°, 37%, 70%
HSV	198°, 27%, 81%
XYZ	42.4341, 47.9147, 66.0227
YIQ	180.2770, -28.7010, -2.9810

Conversions

Conversions Part 2

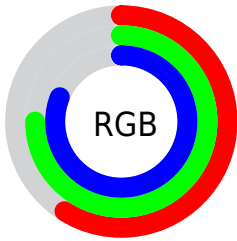
Format	Color
RYB	151, 174, 207
Decimal	9944783
CIELab	74.77, -9.11, -12.78
CIELCh	75, 15.693, 234.518
Yxy	47.9147, 0.2714, 0.3064
Android (android.graphics.Color)	4288134863 (0xFF97BECF)
YUV	180.2770, 13.1744, -25.6759
Hunter-Lab	69.2205, -11.7102, -8.0966

Details

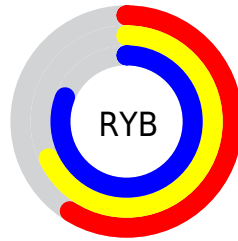
The YIQ color **180.2770, -28.7010, -2.9810** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **177.7230, 28.7010, 2.9810**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.0660, -26.7290, -5.6810**, and **127.1630, -28.3800, -3.2920** is the 20% darker color. If you saturate the color by 10%, you get **170.4760, -39.5670, -4.2950**, and if you desaturate by 10%, it is **190.0780, -17.8350, -1.6670**.

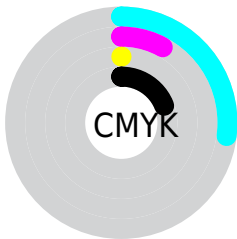
Distribution



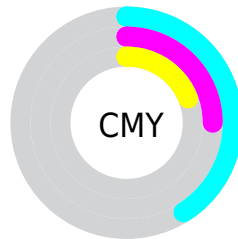
- Red (59%)
- Green (75%)
- Blue (81%)



- Red (59%)
- Yellow (68%)
- Blue (81%)



- Cyan (27%)
- Magenta (8%)
- Yellow (0%)
- Black (19%)



- Cyan (41%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.2770, -28.7010, -2.9810 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 180.2770, -28.7010, -2.9810 by changing the saturation by 10% instead.

■ 180.2770,
-28.7010, -2.9810

■ 180.2770,
-28.7010, -2.9810

■ 255.0000, -0.0000,
-0.0000

■ 153.1630,
-28.3800, -3.2920

■ 235.0660,
-26.7290, -5.6810

■ 127.1630,
-28.3800, -3.2920

■ 249.0200,
-11.9200, -4.2400

■ 101.4620,
-27.7840, -3.0800

■ 77.0490, -28.0590,
-3.6030

■ 53.3370, -28.9300,
-4.3380

■ 30.9240, -29.2050,
-4.8610

■ 16.6760, -16.6430,

-1.2430

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,
0.0000

■ 180.2770,
-28.7010, -2.9810

■ 180.2770,
-28.7010, -2.9810

■ 170.4760,
-39.5670, -4.2950

■ 190.0780,
-17.8350, -1.6670

■ 160.3870,
-49.5620, -4.8740

■ 200.1670, -7.8400,
-1.0880

■ 150.5860,
-60.4280, -6.1880

■ 209.9680, 3.0260,
0.2260

■ 140.7850,
-71.2940, -7.5020

■ 219.7690, 13.8920,
1.5400

■ 130.9840,
-82.1600, -8.8160

■ 229.2710, 24.1620,
2.6420

■ 120.8950,
-92.1550, -9.3950

■ 233.6790, 22.8330,
-0.8070

■ 111.0940,
-103.0210, -10.7090

■ 237.2010, 21.1830,
-3.9450

■ 108.1260,
-106.0470, -10.9350

■ 240.7230, 19.5330,
-7.0830

■ 244.2450, 17.8830,
-10.2210

Harmonies

Analogous

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



178.5880, -28.3790, -8.8190



180.2770, -28.7010, -2.9810



182.6850, -20.8620, 3.6340

Triad

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



180.2770, -28.7010, -2.9810



186.8440, 18.4750, 12.0990



182.4980, 6.9250, -9.8670

Complementary

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



180.2770, -28.7010, -2.9810



177.7230, 28.7010, 2.9810

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.



183.8200, 17.8820, -4.6940



180.2770, -28.7010, -2.9810



186.7320, 24.4820, 7.8580

Square

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



180.2770, -28.7010, -2.9810



186.6130, 6.0040, 12.3400



185.6300, 24.5290, 1.4970



180.2020, -6.9210, -12.2410

Rectangle

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



180.2770, -28.7010, -2.9810



184.5120, -12.8850, 7.7470



185.6300, 24.5290, 1.4970



182.5910, 11.0970, -8.3830

Sweetspot

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



180.2770, -28.7010, -2.9810



245.4980, -10.2700, -1.1020



185.8100, -20.8570, -24.0010



121.7650, -6.6480, -0.6640



0.0000, 0.0000, 0.0000



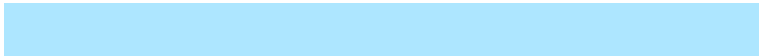
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



180.2770, -28.7010, -2.9810



215.8070, -41.9970, -4.3090



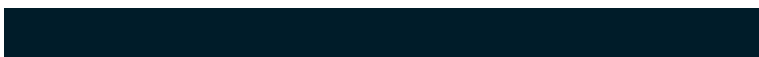
163.8410, -21.0010, 11.6630



99.3630, -5.4560, -0.2400



87.8310, -86.1030, -8.9430



21.1100, -20.8610, -1.8930

Inverse Universe

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



172.1900, 20.8570, 24.0010



204.0160, 30.5750, 35.1110



194.1590, 21.0010, -11.6630



98.0870, 4.3090, 4.5090



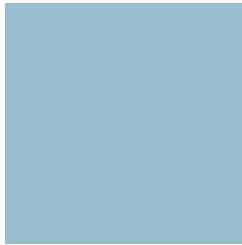
63.5700, 62.5710, 72.0030



15.4510, 15.4480, 17.4000

Previews

White Background



This preview shows how the YIQ color 180.2770, -28.7010, -2.9810 looks on a white background.

Color Contrast Check

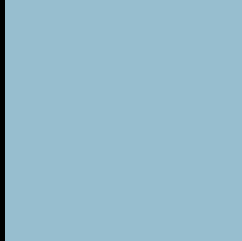
Large Text (above 18pt) WCAG AA × Fail

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 180.2770, -28.7010, -2.9810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

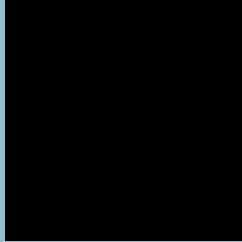
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.2770, -28.7010, -2.9810

Background



This preview shows how black text looks on a background with the YIQ color 180.2770, -28.7010, -2.9810.



This preview shows how white text looks on a background with the YIQ color 180.2770, -28.7010,

-2.9810.

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

180.2770, -28.7010, -2.9810

Protanopia

183.9810, -7.0160, 6.0080

Deuteranopia

185.4100, -3.6700, 11.4500



Tritanopia

180.0490, -28.0590, -3.6030

Trichromacy



Original Color

180.2770, -28.7010, -2.9810

Protanomaly

182.6810, -15.0390, 2.7290

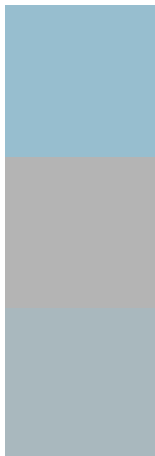
Deuteranomaly

183.4580, -12.7930, 6.0790

Tritanomaly

180.1630, -28.3800, -3.2920

Monochromacy



Original Color

180.2770, -28.7010, -2.9810

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

180.1990, -10.8660, -1.3140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.2770, -28.7010, -2.9810 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(151, 190, 207)` looks like.

```
.text, #text, p{  
    color:rgb(151, 190, 207)  
}
```

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(151, 190, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 190, 207) }
```

Border

The CSS property to change the border of an element to YIQ 180.2770, -28.7010, -2.9810 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(151, 190, 207) }
```


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

```
.border{ border-color:rgb(151, 190, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 190, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 190, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 190, 207);  
box-shadow:4px 4px 4px 4px rgb(151, 190,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 180.2770, -28.7010, -2.9810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 190, 207) }
```

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

```
.background{ background-color: rgb(151,  
190, 207) }
```

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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