

Converting Colors

YIQ(172.9980, -59.5530,
-27.5610)

Have a look what the booklet for
YIQ(172.9980, -59.5530, -27.5610)
contains.

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Color

**YIQ(172.9980, -59.5530,
-27.5610)**

Conversions

Conversions Part 1

Format	Color
Hex	63CFC0
RGB	99, 207, 192
RGB Percent	39%, 81%, 75%
CMY	0.6120, 0.1880, 0.2473
CMYK	0.52, 0.00, 0.07, 0.19
HSL	172°, 53%, 60%
HSV	172°, 52%, 81%
XYZ	36.9701, 51.0997, 57.7506
YIQ	172.9980, -59.5530, -27.5610

Conversions

Conversions Part 2

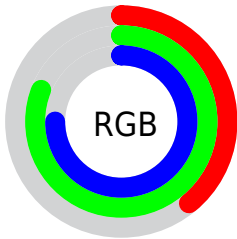
Format	Color
RYB	99, 157, 207
Decimal	6541248
CIELab	76.74, -34.75, -2.00
CIElCh	77, 34.812, 183.290
Yxy	51.0997, 0.2535, 0.3504
Android (android.graphics.Color)	4284731328 (0xFF63CFC0)
YUV	172.9980, 9.3680, -64.8962
Hunter-Lab	71.4840, -32.7806, 2.1396

Details

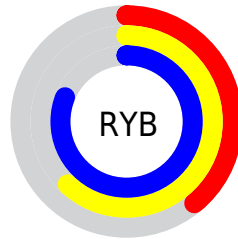
The YIQ color **172.9980, -59.5530, -27.5610** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **133.0020, 59.5530, 27.5610**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **224.9000, -56.1610, -22.9530**, and **114.6380, -67.3470, -29.4830** is the 20% darker color. If you saturate the color by 10%, you get **166.3770, -71.1060, -32.9460**, and if you desaturate by 10%, it is **179.6190, -48.0000, -22.1760**.

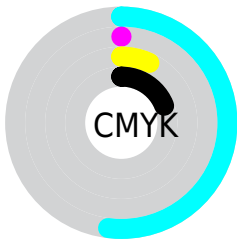
Distribution



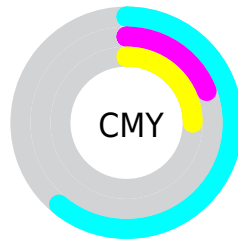
- Red (39%)
- Green (81%)
- Blue (75%)



- Red (39%)
- Yellow (62%)
- Blue (81%)



- Cyan (52%)
- Magenta (0%)
- Yellow (7%)
- Black (19%)



- Cyan (61%)
- Magenta (19%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.9980, -59.5530, -27.5610 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 172.9980, -59.5530, -27.5610 by changing the saturation by 10% instead.

■ 172.9980,
-59.5530, -27.5610

■ 172.9980,
-59.5530, -27.5610

■ 255.0000, -0.0000,
-0.0000

■ 144.2150,
-61.6620, -27.8860

■ 224.9000,
-56.1610, -22.9530

■ 114.6380,
-67.3470, -29.4830

■ 234.3690,
-41.1240, -14.6280

■ 86.8440, -70.9230,
-30.7550

■ 243.3390,
-23.2440, -8.2680

■ 68.8460, -56.0690,
-24.6210

■ 252.3090, -5.3640,
-1.9080

■ 52.0220, -41.7650,
-19.5330

■ 35.4260, -28.1030,
-13.8230

■ 21.4060, -16.1830,

-9.5830

■ 0.0000, 0.0000,
0.0000

■ 172.9980,
-59.5530, -27.5610

■ 172.9980,
-59.5530, -27.5610

■ 166.3770,
-71.1060, -32.9460

■ 179.6190,
-48.0000, -22.1760

■ 160.0550,
-82.0630, -38.1190

■ 185.9410,
-37.0430, -17.0030

■ 153.4340,
-93.6160, -43.5040

■ 192.5620,
-25.4900, -11.6180

■ 146.8130,
-105.1690, -48.8890

■ 199.1830,
-13.9370, -6.2330

■ 141.8010,
-114.0630, -52.9030

■ 205.3910, -2.6590,
-1.3710

■ 212.0120, 8.8940,
4.0140

■ 218.6330, 20.4470,
9.3990

■ 222.2640, 26.0400,
12.6640

■ 222.6060, 25.0770,
13.5970

Harmonies

Analogous

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



178.5380, -26.0830, -28.4110



172.9980, -59.5530, -27.5610



170.3780, -80.8740, -21.1140

Triad

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



172.9980, -59.5530, -27.5610



192.5640, -9.4950, 23.4090



190.2120, 49.0130, -1.6990

Complementary

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



172.9980, -59.5530, -27.5610



133.0020, 59.5530, 27.5610

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.



191.4490, 53.3200, 13.8640



172.9980, -59.5530, -27.5610



194.4230, 21.8190, 28.5950

Square

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



172.9980, -59.5530, -27.5610



186.1080, -43.7420, 10.8020



193.2220, 44.1940, 25.0740



187.3850, 31.8680, -15.8760

Rectangle

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



172.9980, -59.5530, -27.5610



173.7300, -78.6290, -12.2370



193.2220, 44.1940, 25.0740



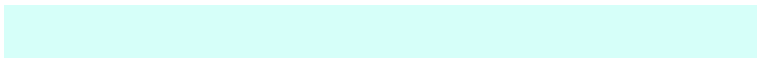
190.3420, 51.7630, 3.5310

Sweetspot

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



172.9980, -59.5530, -27.5610



242.0570, -22.5100, -10.5580



167.1800, -20.1640, -53.0920



120.0690, -13.6160, -6.5440



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.



172.9980, -59.5530, -27.5610



204.3530, -88.8940, -40.9740



152.4020, -53.9180, -3.0220



101.4830, -5.9140, -2.9540



115.1460, -92.7450, -42.7690



28.0570, -22.5100, -10.5580

Inverse Universe

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



133.0020, 59.5530, 27.5610



144.7610, 88.5730, 41.2850



153.5980, 53.9180, 3.0220



97.5170, 5.9140, 2.9540



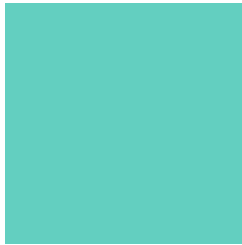
52.9680, 92.4240, 43.0800



12.9430, 22.5100, 10.5580

Previews

White Background



This preview shows how the YIQ color 172.9980, -59.5530, -27.5610 looks on a white background.

Color Contrast Check

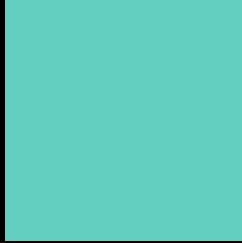
Large Text (above 18pt) WCAG AA × Fail

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 172.9980, -59.5530, -27.5610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

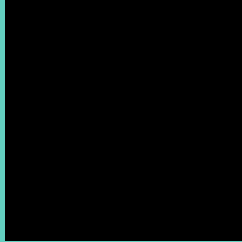
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

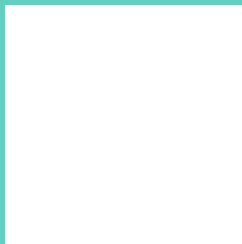
Any Text WCAG AAA ✓ Pass

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

YIQ 172.9980, -59.5530, -27.5610 Background



This preview shows how black text looks on a background with the YIQ color 172.9980, -59.5530, -27.5610.



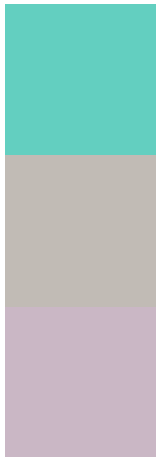
This preview shows how white text looks on a background with the YIQ color 172.9980, -59.5530, -27.5610.

-27.5610.

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

172.9980, -59.5530, -27.5610

Protanopia

188.1100, 5.5020, -0.5940

Deuteranopia

190.2770, 6.8300, 8.3820



Tritanopia

176.4190, -61.7560, -15.1640

Trichromacy



Original Color

172.9980, -59.5530, -27.5610

Protanomaly

182.5090, -17.9710, -10.2190

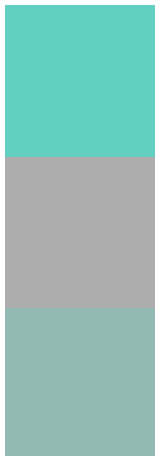
Deuteranomaly

184.2690, -17.0550, -4.7910

Tritanomaly

174.9690, -60.6090, -19.4330

Monochromacy



Original Color

172.9980, -59.5530, -27.5610

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

172.7690, -21.6390, -9.8230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.9980, -59.5530, -27.5610 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(99, 207, 192)` looks like.

```
.text, #text, p{  
    color:rgb(99, 207, 192)  
}
```

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(99, 207, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 207, 192) }
```

Border

The CSS property to change the border of an element to YIQ 172.9980, -59.5530, -27.5610 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(99, 207, 192) }
```


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

```
.border{ border-color:rgb(99, 207, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 207, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 207, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 207, 192);  
box-shadow:4px 4px 4px 4px rgb(99, 207,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 172.9980, -59.5530, -27.5610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 207, 192) }
```

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

```
.background{ background-color: rgb(99, 207,  
192) }
```

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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