

Converting Colors

YIQ(176.9730, -49.2370,
-27.2930)

Have a look what the booklet for
YIQ(176.9730, -49.2370, -27.2930)
contains.

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Color

**YIQ(176.9730, -49.2370,
-27.2930)**

Conversions

Conversions Part 1

Format	Color
Hex	71D0B9
RGB	113, 208, 185
RGB Percent	44%, 82%, 73%
CMY	0.5571, 0.1841, 0.2747
CMYK	0.46, 0.00, 0.11, 0.18
HSL	165°, 50%, 63%
HSV	165°, 46%, 82%
XYZ	38.1199, 52.1387, 53.9285
YIQ	176.9730, -49.2370, -27.2930

Conversions

Conversions Part 2

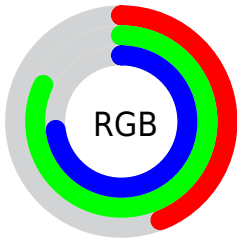
Format	Color
RYB	113, 167, 208
Decimal	7459001
CIELab	77.36, -33.70, 2.73
CIELCh	77, 33.811, 175.365
Yxy	52.1387, 0.2644, 0.3616
Android (android.graphics.Color)	4285649081 (0xFF71D0B9)
YUV	176.9730, 3.9573, -56.1043
Hunter-Lab	72.2071, -32.1279, 6.2638

Details

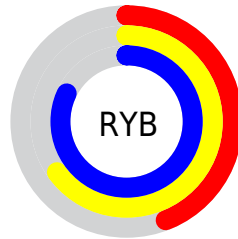
The YIQ color **176.9730, -49.2370, -27.2930** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **144.0270, 49.2370, 27.2930**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **227.9890, -46.1660, -22.3740**, and **121.3040, -51.6670, -27.3070** is the 20% darker color. If you saturate the color by 10%, you get **170.1240, -60.1480, -33.3000**, and if you desaturate by 10%, it is **183.8220, -38.3260, -21.2860**.

Distribution



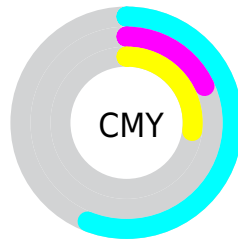
- Red (44%)
- Green (82%)
- Blue (73%)



- Red (44%)
- Yellow (65%)
- Blue (82%)



- Cyan (46%)
- Magenta (0%)
- Yellow (11%)
- Black (18%)



- Cyan (56%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.9730, -49.2370, -27.2930 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 176.9730, -49.2370, -27.2930 by changing the saturation by 10% instead.

■ 176.9730,
-49.2370, -27.2930

■ 176.9730,
-49.2370, -27.2930

255.0000, -0.0000,
-0.0000

■ 149.0870,
-49.5580, -26.9820

■ 227.9890,
-46.1660, -22.3740

■ 121.3040,
-51.6670, -27.3070

■ 237.9570,
-33.9720, -12.0840

■ 91.8300, -59.1400,
-29.5400

■ 246.9270,
-16.0920, -5.7240

■ 68.7490, -54.4180,
-27.0100

■ 52.0390, -40.4350,
-21.6110

■ 35.4430, -26.7730,
-15.9010

■ 21.3090, -14.5320,

-11.9720

■ 0.0000, 0.0000,
0.0000

■ 176.9730,
-49.2370, -27.2930

■ 176.9730,
-49.2370, -27.2930

■ 170.1240,
-60.1480, -33.3000

■ 183.8220,
-38.3260, -21.2860

■ 163.2750,
-71.0590, -39.3070

■ 190.6710,
-27.4150, -15.2790

■ 156.7250,
-81.3740, -45.1020


■ 197.2210,
-17.1000, -9.4840


■ 149.8760,
-92.2850, -51.1090


■ 204.0700, -6.1890,
-3.4770


■ 143.0270,
-103.1960, -57.1160


■ 210.9190, 4.7220,
2.5300

 140.1080,
-107.9180, -59.6460

 217.7680, 15.6330,
8.5370

 223.4210, 24.1600,
13.6960

 223.9910, 22.5550,
15.2510

 224.5610, 20.9500,
16.8060

Harmonies

Analogous

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



181.9690, -17.0510, -26.8990



176.9730, -49.2370, -27.2930



173.4450, -73.8130, -22.4290

Triad

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



176.9730, -49.2370, -27.2930



193.3780, -17.8390, 20.4410



192.3310, 50.2960, 2.5840

Complementary

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



176.9730, -49.2370, -27.2930



144.0270, 49.2370, 27.2930

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.



193.7740, 51.0270, 16.8750



176.9730, -49.2370, -27.2930



195.5900, 13.9790, 27.5070

Square

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



176.9730, -49.2370, -27.2930



186.3520, -50.4810, 6.2790



195.5250, 38.9670, 26.1910



189.3580, 36.4980, -11.6780

Rectangle

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



176.9730, -49.2370, -27.2930



174.6330, -76.9780, -14.6260



195.5250, 38.9670, 26.1910



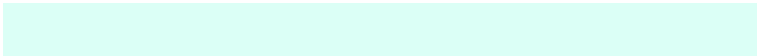
192.8630, 51.8540, 7.3900

Sweetspot

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



176.9730, -49.2370, -27.2930



243.2100, -18.5670, -10.4310



175.9410, -11.8210, -44.5970



120.7380, -11.1860, -6.5300



0.0000, 0.0000, 0.0000



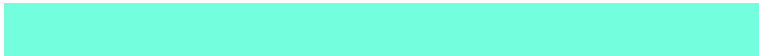
128.0000, -0.0000, -0.0000

Same Dimension

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



176.9730, -49.2370, -27.2930



209.2640, -72.5260, -40.2540



165.5070, -50.0200, -7.5880



101.3690, -5.5930, -3.2650



113.0940, -86.9670, -48.3670



27.6010, -21.2260, -11.8020

Inverse Universe

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



144.0270, 49.2370, 27.2930



160.7360, 72.5260, 40.2540



155.4930, 50.0200, 7.5880



97.6310, 5.5930, 3.2650



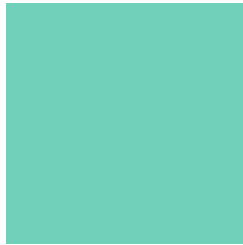
54.9060, 86.9670, 48.3670



13.3990, 21.2260, 11.8020

Previews

White Background



This preview shows how the YIQ color 176.9730, -49.2370, -27.2930 looks on a white background.

Color Contrast Check

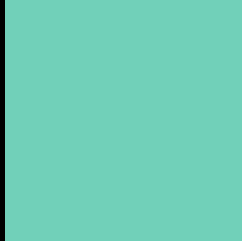
Large Text (above 18pt) WCAG AA × Fail

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 176.9730, -49.2370, -27.2930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

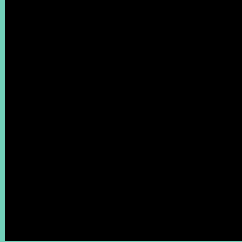
Any Text WCAG AA ✓ Pass

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 176.9730, -49.2370, -27.2930 Background



This preview shows how black text looks on a background with the YIQ color 176.9730, -49.2370, -27.2930.



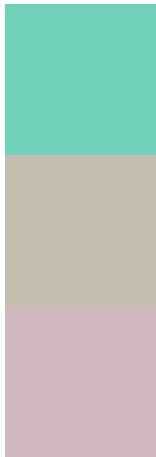
This preview shows how white text looks on a background with the YIQ color 176.9730, -49.2370, -27.2930.

-27.2930.

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

176.9730, -49.2370, -27.2930

Protanopia

189.7960, 9.2620, -2.6580

Deuteranopia

191.8600, 12.3780, 6.9540



Tritanopia

180.9040, -52.8160, -11.9840

Trichromacy



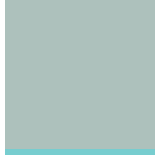
Original Color

176.9730, -49.2370, -27.2930



Protanomaly

185.0920, -12.4230, -11.6470



Deuteranomaly

186.4500, -10.3150, -5.7950



Tritanomaly

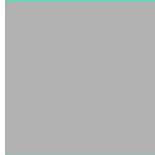
179.5140, -51.8980, -17.6100

Monochromacy



Original Color

176.9730, -49.2370, -27.2930



Achromatopsia

177.0000, -0.0000, 0.0000



Achromatomaly

176.9220, -17.6960, -9.6960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.9730, -49.2370, -27.2930 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(113, 208, 185)` looks like.

```
.text, #text, p{  
    color:rgb(113, 208, 185)  
}
```

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(113, 208, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 208, 185) }
```

Border

The CSS property to change the border of an element to YIQ 176.9730, -49.2370, -27.2930 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(113, 208, 185) }
```


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

```
.border{ border-color:rgb(113, 208, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 208, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 208, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 208, 185);  
box-shadow:4px 4px 4px 4px rgb(113, 208,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 176.9730, -49.2370, -27.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 208, 185) }
```

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

```
.background{ background-color: rgb(113,  
208, 185) }
```

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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