

Converting Colors

YIQ(179.8870, -27.7830,
-8.6070)

Have a look what the booklet for
YIQ(179.8870, -27.7830, -8.6070)
contains.

YIQ(179.8870, -27.7830, -8.6070)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(179.8870, -27.7830,
-8.6070)**

Conversions

Conversions Part 1

Format	Color
Hex	94C1C4
RGB	148, 193, 196
RGB Percent	58%, 76%, 77%
CMY	0.4197, 0.2430, 0.2315
CMYK	0.24, 0.02, 0.00, 0.23
HSL	184°, 29%, 67%
HSV	184°, 24%, 77%
XYZ	41.2426, 48.4259, 59.3808
YIQ	179.8870, -27.7830, -8.6070

Conversions

Conversions Part 2

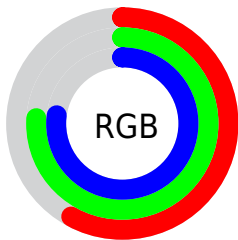
Format	Color
RYB	148, 171, 196
Decimal	9748932
CIELab	75.09, -14.11, -6.35
CIElCh	75, 15.468, 204.221
Yxy	48.4259, 0.2767, 0.3249
Android (android.graphics.Color)	4287939012 (0xFF94C1C4)
YUV	179.8870, 7.9437, -27.9649
Hunter-Lab	69.5887, -15.9902, -1.8807

Details

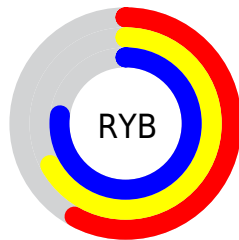
The YIQ color **179.8870, -27.7830, -8.6070** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **164.1130, 27.7830, 8.6070**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.2890, -28.9750, -9.0310**, and **126.4850, -26.5910, -8.1830** is the 20% darker color. If you saturate the color by 10%, you get **173.3200, -39.4280, -12.3240**, and if you desaturate by 10%, it is **186.4540, -16.1380, -4.8900**.

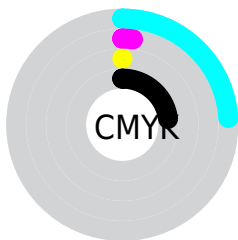
Distribution



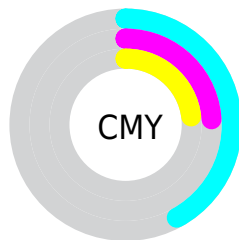
- Red (58%)
- Green (76%)
- Blue (77%)



- Red (58%)
- Yellow (67%)
- Blue (77%)



- Cyan (24%)
- Magenta (2%)
- Yellow (0%)
- Black (23%)



- Cyan (42%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.8870, -27.7830, -8.6070 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 179.8870, -27.7830, -8.6070 by changing the saturation by 10% instead.

■ 179.8870,
-27.7830, -8.6070

■ 179.8870,
-27.7830, -8.6070

■ 255.0000, -0.0000,
-0.0000

■ 152.8870,
-27.7830, -8.6070

■ 236.2890,
-28.9750, -9.0310

■ 126.4850,
-26.5910, -8.1830

■ 248.1230,
-13.7080, -4.8760

■ 101.4850,
-26.5910, -8.1830

■ 76.4850, -26.5910,
-8.1830

■ 52.5880, -28.3790,
-8.8190

■ 30.4850, -26.5910,
-8.1830

■ 17.0520, -14.9460,

-4.4660

■ 0.0000, 0.0000,
0.0000

■ 179.8870,
-27.7830, -8.6070

■ 179.8870,
-27.7830, -8.6070

■ 173.3200,
-39.4280, -12.3240

■ 186.4540,
-16.1380, -4.8900

■ 167.0520,
-50.4770, -15.8290

■ 192.7220, -5.0890,
-1.3850

■ 159.8980,
-61.8470, -19.0230

■ 199.8760, 6.2810,
1.8090

■ 153.6300,
-72.8960, -22.5280

■ 206.1440, 17.3300,
5.3140

■ 147.0630,
-84.5410, -26.2450

■ 212.7110, 28.9750,
9.0310

■ 140.4960,
-96.1860, -29.9620

■ 215.9890, 34.0640,
10.4160

■ 134.2280,
-107.2350, -33.4670

■ 216.5760, 33.7890,
9.8930

■ 130.3520,
-113.5160, -35.2760

■ 217.7500, 33.2390,
8.8470

■ 218.3370, 32.9640,
8.3240

Harmonies

Analogous

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



179.9710, -19.3920, -12.0000



179.8870, -27.7830, -8.6070



181.1630, -28.3800, -3.2920

Triad

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



179.8870, -27.7830, -8.6070



187.6130, 6.0040, 12.3400



184.8200, 17.8820, -4.6940

Complementary

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



179.8870, -27.7830, -8.6070



164.1130, 27.7830, 8.6070

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.



185.7440, 24.2080, 1.8080



179.8870, -27.7830, -8.6070



187.5450, 17.8790, 11.8870

Square

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



179.8870, -27.7830, -8.6070



185.9040, -8.1170, 9.4430



187.4330, 23.8860, 7.6460



183.4980, 6.9250, -9.8670

Rectangle

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



179.8870, -27.7830, -8.6070



182.6630, -23.7960, 1.7400



187.4330, 23.8860, 7.6460



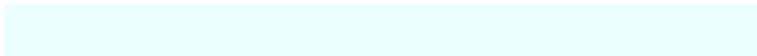
185.2550, 21.0910, -2.2770

Sweetspot

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



179.8870, -27.7830, -8.6070



249.0310, -10.4530, -3.2930



176.4040, -13.8420, -24.4820



124.1240, -6.2810, -1.8090



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.



179.8870, -27.7830, -8.6070



229.9390, -42.7290, -13.0730



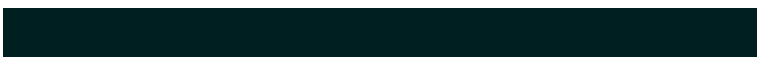
166.3860, -21.4580, 3.4220



93.4230, -5.6850, -1.5970



106.9910, -93.2060, -28.9020



21.9590, -19.1180, -5.9500

Inverse Universe

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



167.4820, 14.1630, 24.1710



210.9920, 21.9550, 37.1470



177.6140, 21.4580, -3.4220



91.0160, 3.0710, 4.9190



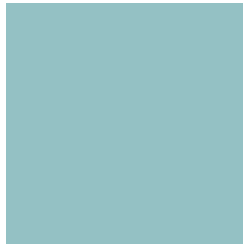
65.3530, 47.4850, 81.0930



13.4010, 9.7170, 16.6370

Previews

White Background



This preview shows how the YIQ color 179.8870, -27.7830, -8.6070 looks on a white background.

Color Contrast Check

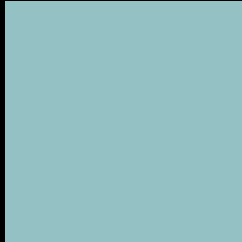
Large Text (above 18pt) WCAG AA × Fail

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 179.8870, -27.7830, -8.6070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

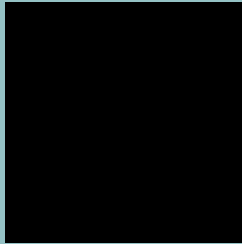
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 179.8870, -27.7830, -8.6070

Background



This preview shows how black text looks on a background with the YIQ color 179.8870, -27.7830, -8.6070.



This preview shows how white text looks on a background with the YIQ color 179.8870, -27.7830, -8.6070.

-8.6070.

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

179.8870, -27.7830, -8.6070

Protanopia

184.6950, -0.4590, 2.8130

Deuteranopia

186.3630, 3.7120, 9.8240



Tritanopia

180.5650, -29.5720, -3.7160

Trichromacy



Original Color

179.8870, -27.7830, -8.6070

Protanomaly

183.0850, -10.5450, -1.6250

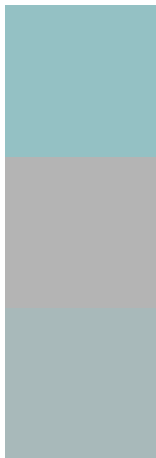
Deuteranomaly

184.1010, -7.4740, 3.2940

Tritanomaly

180.3970, -29.1590, -5.6950

Monochromacy



Original Color

179.8870, -27.7830, -8.6070

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

180.0310, -10.4530, -3.2930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.8870, -27.7830, -8.6070 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(148, 193, 196)` looks like.

```
.text, #text, p{  
    color:rgb(148, 193, 196)  
}
```

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(148, 193, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 193, 196) }
```

Border

The CSS property to change the border of an element to YIQ 179.8870, -27.7830, -8.6070 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(148, 193, 196) }
```


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

```
.border{ border-color:rgb(148, 193, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 193, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 193, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 193, 196);  
box-shadow:4px 4px 4px 4px rgb(148, 193,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 179.8870, -27.7830, -8.6070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 193, 196) }
```

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

```
.background{ background-color: rgb(148,  
193, 196) }
```

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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