

Converting Colors

YIQ(230.9760, -17.7880,
-8.0280)

Have a look what the booklet for
YIQ(230.9760, -17.7880, -8.0280)
contains.

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Color

**YIQ(230.9760, -17.7880,
-8.0280)**

Conversions

Conversions Part 1

Format	Color
Hex	D1F1ED
RGB	209, 241, 237
RGB Percent	82%, 95%, 93%
CMY	0.1805, 0.0548, 0.0706
CMYK	0.13, 0.00, 0.02, 0.05
HSL	172°, 53%, 88%
HSV	172°, 13%, 95%
XYZ	73.0316, 82.5844, 92.1988
YIQ	230.9760, -17.7880, -8.0280

Conversions

Conversions Part 2

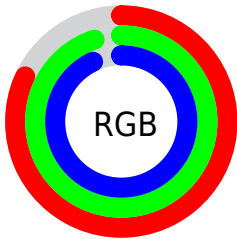
Format	Color
R _{YB}	209, 226, 241
Decimal	13758957
CIE Lab	92.83, -11.14, -1.57
CIE LCh	93, 11.254, 188.027
Yxy	82.5844, 0.2947, 0.3333
Android (android.graphics.Color)	4291949037 (0xFFD1F1ED)
YUV	230.9760, 2.9698, -19.2730
Hunter-Lab	90.8759, -15.5829, 3.4601

Details

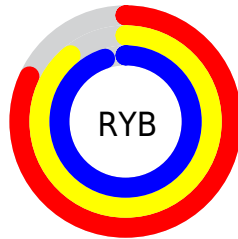
The YIQ color $230.9760, -17.7880, -8.0280$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $219.0240, 17.7880, 8.0280$, and the grayscale version is $231.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $175.2750, -17.1920, -7.8160$ is the 20% darker color. If you saturate the color by 10%, you get $223.4580, -31.1290, -14.0490$, and if you desaturate by 10%, it is $238.4940, -4.4470, -2.0070$.

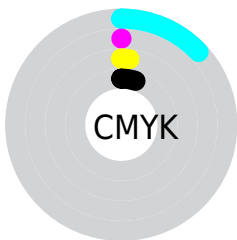
Distribution



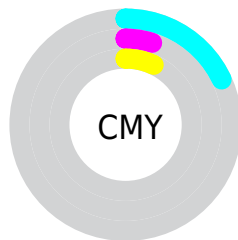
- Red (82%)
- Green (95%)
- Blue (93%)



- Red (82%)
- Yellow (89%)
- Blue (95%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (18%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.9760, -17.7880, -8.0280 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 230.9760, -17.7880, -8.0280 by changing the saturation by 10% instead.

■ 230.9760,
-17.7880, -8.0280

■ 230.9760,
-17.7880, -8.0280

255.0000, -0.0000,
-0.0000

■ 202.9760,
-17.7880, -8.0280

■ 175.2750,
-17.1920, -7.8160

■ 148.5740,
-16.5960, -7.6040

■ 122.8730,
-16.0000, -7.3920

■ 97.8730, -16.0000,
-7.3920

■ 73.5850, -15.1290,
-6.6570

■ 50.6990, -15.4500,

-6.3460

■ 28.6990, -15.4500,
-6.3460

■ 11.4610, -8.8480,
-4.8480

■ 230.9760,
-17.7880, -8.0280

■ 230.9760,
-17.7880, -8.0280

■ 223.4580,
-31.1290, -14.0490

■ 238.4940, -4.4470,
-2.0070

■ 215.9400,
-44.4700, -20.0700

■ 245.4140, 7.7020,
3.5900

■ 208.4220,
-57.8110, -26.0910

■ 245.7560, 6.7390,
4.5230

■ 200.9040,
-71.1520, -32.1120

■ 246.0980, 5.7760,
5.4560

■ 193.0870,
-85.0890, -38.3450

■ 246.4400, 4.8130,
6.3890

■ 185.5690,
-98.4300, -44.3660

■ 246.7820, 3.8500,
7.3220

■ 178.0510,
-111.7710, -50.3870

■ 170.5330,
-125.1120, -56.4080

■ 165.5210,
-134.0060, -60.4220

Harmonies

Analogous

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



231.2280, -9.8100, -9.4420



230.9760, -17.7880, -8.0280



231.2300, -21.3190, -4.6070

Triad

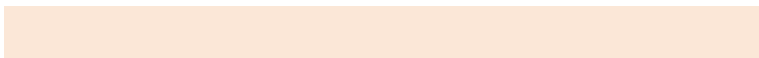
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.9760, -17.7880, -8.0280



235.9710, -1.0560, 8.1280



235.1560, 17.0560, -0.7360

Complementary

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



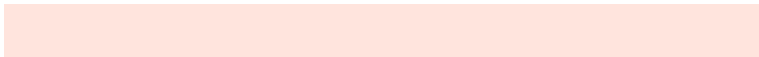
230.9760, -17.7880, -8.0280



219.0240, 17.7880, 8.0280

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.



235.2750, 18.3390, 3.5470



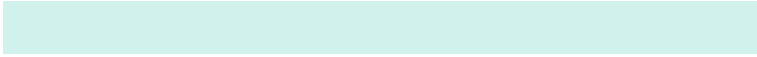
230.9760, -17.7880, -8.0280



236.5870, 8.8930, 9.5410

Square

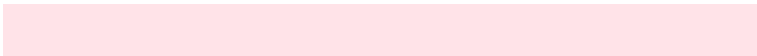
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



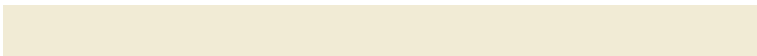
230.9760, -17.7880, -8.0280



234.3010, -10.9130, 5.0470



235.9420, 15.0830, 7.4910



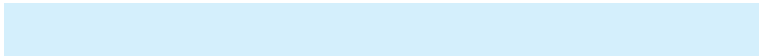
234.2860, 10.6380, -5.5700

Rectangle

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



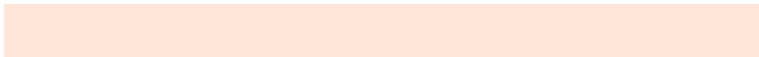
230.9760, -17.7880, -8.0280



232.4090, -20.2650, -1.6810



235.9420, 15.0830, 7.4910



235.5800, 18.7980, 0.7340

Sweetspot

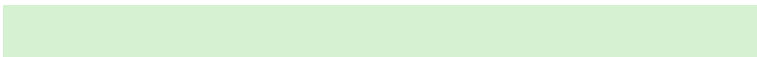
The Sweet Spot groups the original color and five complimentary colors.



230.9760, -17.7880, -8.0280



251.8960, -5.6390, -2.4310



228.9800, -6.4160, -15.8880



125.7930, -3.8510, -1.7950



0.0000, 0.0000, 0.0000



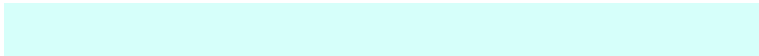
128.0000, -0.0000, -0.0000

Same Dimension

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



230.9760, -17.7880, -8.0280



242.1710, -22.8310, -10.2470



224.3880, -15.7720, -0.5080



116.1840, -6.5100, -3.1660



126.2480, -101.9600, -46.4720



38.4580, -31.1290, -14.0490

Inverse Universe

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



219.0240, 17.7880, 8.0280



226.8290, 22.8310, 10.2470



225.6120, 15.7720, 0.5080



111.7020, 6.8310, 2.8550



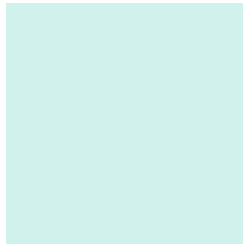
57.6380, 102.2810, 46.1610



17.5420, 31.1290, 14.0490

Previews

White Background



This preview shows how the YIQ color 230.9760, -17.7880, -8.0280 looks on a white background.

Color Contrast Check

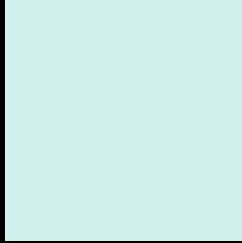
Large Text (above 18pt) WCAG AA × Fail

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 230.9760, -17.7880, -8.0280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

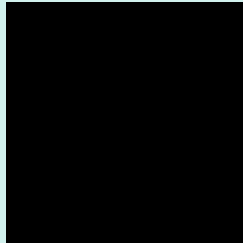
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

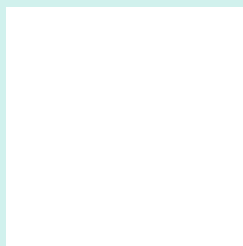
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 230.9760, -17.7880, -8.0280

Background



This preview shows how black text looks on a background with the YIQ color 230.9760, -17.7880, -8.0280.



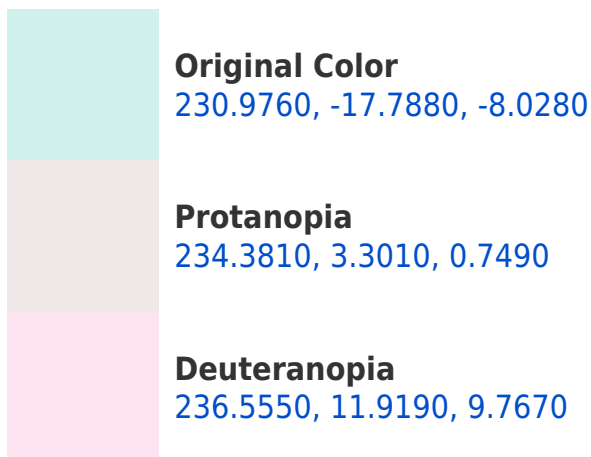
This preview shows how white text looks on a background with the YIQ color 230.9760, -17.7880, -8.0280.

-8.0280.

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

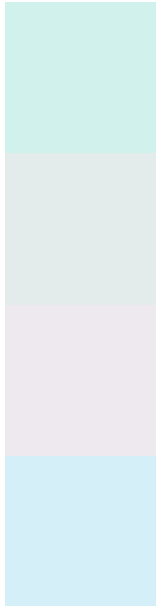




Tritanopia

233.0610, -19.1650, 0.4110

Trichromacy



Original Color

230.9760, -17.7880, -8.0280

Protanomaly

233.0810, -4.7220, -2.5300

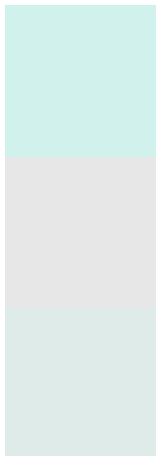
Deuteranomaly

234.5920, 1.3290, 3.4490

Tritanomaly

232.2520, -18.3850, -2.7130

Monochromacy



Original Color

230.9760, -17.7880, -8.0280

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

231.1840, -6.5100, -3.1660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.9760, -17.7880, -8.0280 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(209, 241, 237)` looks like.

```
.text, #text, p{  
    color:rgb(209, 241, 237)  
}
```

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(209, 241, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 241, 237) }
```

Border

The CSS property to change the border of an element to YIQ 230.9760, -17.7880, -8.0280 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(209, 241, 237) }
```


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

```
.border{ border-color:rgb(209, 241, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 241, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 241, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 241, 237);  
box-shadow:4px 4px 4px 4px rgb(209, 241,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 230.9760, -17.7880, -8.0280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 241, 237) }
```

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

```
.background{ background-color: rgb(209,  
241, 237) }
```

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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