

Converting Colors

YIQ(198.8810, -63.1770,
-16.9450)

Have a look what the booklet for
YIQ(198.8810, -63.1770, -16.9450)
contains.

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Color

**YIQ(198.8810, -63.1770,
-16.9450)**

Conversions

Conversions Part 1

Format	Color
Hex	80E3F0
RGB	128, 227, 240
RGB Percent	50%, 89%, 94%
CMY	0.4982, 0.1096, 0.0591
CMYK	0.47, 0.05, 0.00, 0.06
HSL	187°, 79%, 72%
HSV	187°, 47%, 94%
XYZ	52.0921, 65.8330, 92.3478
YIQ	198.8810, -63.1770, -16.9450

Conversions

Conversions Part 2

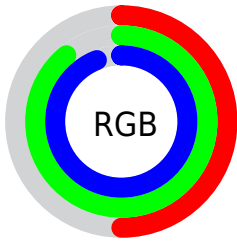
Format	Color
R _Y B	128, 181, 240
Decimal	8446960
CIE Lab	84.91, -25.78, -15.33
CIE LCh	85, 29.995, 210.737
Yxy	65.8330, 0.2477, 0.3131
Android (android.graphics.Color)	4286637040 (0xFF80E3F0)
YUV	198.8810, 20.2717, -62.1626
Hunter-Lab	81.1375, -27.3896, -10.6855

Details

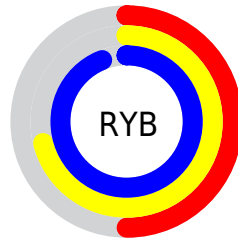
The YIQ color **198.8810, -63.1770, -16.9450** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **169.1190, 63.1770, 16.9450**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **234.6680, -40.5280, -14.4160**, and **141.3860, -66.1570, -18.0050** is the 20% darker color. If you saturate the color by 10%, you get **189.9440, -76.6560, -20.4640**, and if you desaturate by 10%, it is **207.8180, -49.6980, -13.4260**.

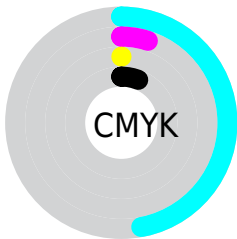
Distribution



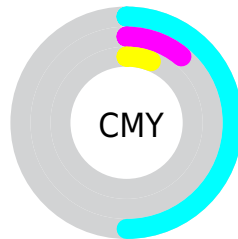
- Red (50%)
- Green (89%)
- Blue (94%)



- Red (50%)
- Yellow (71%)
- Blue (94%)



- Cyan (47%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (50%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.8810, -63.1770, -16.9450 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 198.8810, -63.1770, -16.9450 by changing the saturation by 10% instead.

■ 198.8810,
-63.1770, -16.9450

■ 198.8810,
-63.1770, -16.9450

■ 255.0000, -0.0000,
-0.0000

■ 170.2830,
-64.3690, -17.3690

■ 234.6680,
-40.5280, -14.4160

■ 141.3860,
-66.1570, -18.0050

■ 243.3390,
-23.2440, -8.2680

■ 111.6840,
-72.9880, -20.8600

■ 252.3090, -5.3640,
-1.9080

■ 84.7870, -74.7760,
-21.4960

■ 67.2620, -59.8760,
-16.1960

■ 50.4380, -45.5720,
-11.1080

■ 34.3150, -31.8640,

-6.2320

■ 20.0670, -19.3020,
-2.6140

■ 2.2970, -5.0900,
4.1420

■ 198.8810,
-63.1770, -16.9450

■ 198.8810,
-63.1770, -16.9450

■ 189.9440,
-76.6560, -20.4640

■ 207.8180,
-49.6980, -13.4260

■ 181.5940,
-90.4100, -24.5060

■ 216.7550,
-36.2190, -9.9070

■ 172.6570,
-103.8890, -28.0250

■ 225.1050,
-22.4650, -5.8650

■ 163.7200,
-117.3680, -31.5440

■ 234.0420, -8.9860,
-2.3460

■ 154.7830,
-130.8470, -35.0630

■ 242.9790, 4.4930,
1.1730

■ 151.8040,
-135.3400, -36.2360

■ 246.8330, 7.8400,
1.0880

■ 248.0070, 7.2900,
0.0420

■ 249.7680, 6.4650,
-1.5270

■ 251.5290, 5.6400,
-3.0960

Harmonies

Analogous

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



200.1630, -46.7160, -23.4200



198.8810, -63.1770, -16.9450



202.1410, -57.6770, -6.4850

Triad

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



198.8810, -63.1770, -16.9450



216.8630, 17.4640, 24.9200



210.3080, 30.7670, -12.4410

Complementary

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



198.8810, -63.1770, -16.9450



169.1190, 63.1770, 16.9450

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.



212.9280, 44.0610, -0.0590



198.8810, -63.1770, -16.9450



212.5300, 31.4030, 20.0990

Square

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



198.8810, -63.1770, -16.9450



214.2880, -8.8980, 18.0940



211.0990, 39.5660, 9.8220



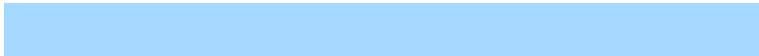
207.5330, 7.8440, -21.0200

Rectangle

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



198.8810, -63.1770, -16.9450



205.7840, -43.1900, 0.7940



211.0990, 39.5660, 9.8220



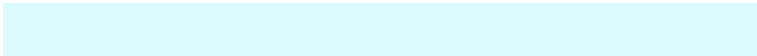
211.3520, 36.6350, -8.6530

Sweetspot

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



198.8810, -63.1770, -16.9450



241.8880, -20.3560, -5.5400



194.9980, -34.3310, -55.1550



119.6610, -12.2870, -3.0950



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.



198.8810, -63.1770, -16.9450



202.8510, -80.8280, -21.9480



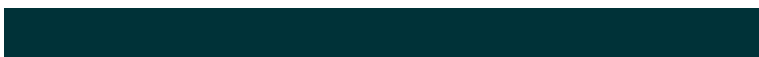
167.1830, -48.3270, 11.2970



115.2380, -6.6020, -1.4980



116.0700, -103.6140, -27.5020



35.7340, -31.7260, -8.7340

Inverse Universe

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



172.7740, 34.9730, 54.5330



169.2350, 44.4610, 69.8130



200.8170, 48.3270, -11.2970



112.7280, 3.9420, 5.6540



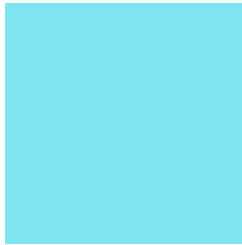
73.4840, 57.6620, 89.3900



22.4440, 17.3260, 27.4220

Previews

White Background



This preview shows how the YIQ color 198.8810, -63.1770, -16.9450 looks on a white background.

Color Contrast Check

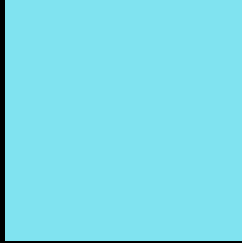
Large Text (above 18pt) WCAG AA × Fail

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 198.8810, -63.1770, -16.9450 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 198.8810, -63.1770, -16.9450 Background



This preview shows how black text looks on a background with the YIQ color 198.8810, -63.1770, -16.9450.



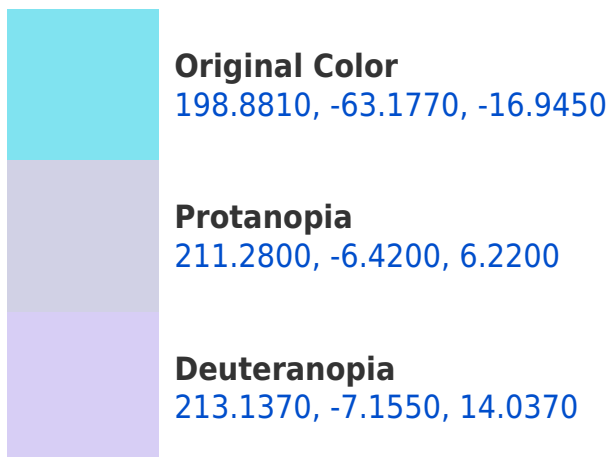
This preview shows how white text looks on a background with the YIQ color 198.8810, -63.1770, -16.9450.

-16.9450.

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

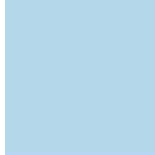
199.1630, -63.9110, -14.6550

Trichromacy



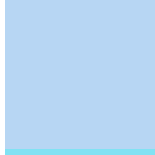
Original Color

198.8810, -63.1770, -16.9450



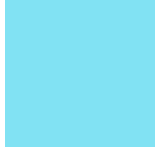
Protanomaly

207.1740, -26.9130, -2.3450



Deuteranomaly

208.0370, -27.7850, 2.4470



Tritanomaly

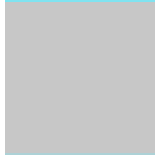
198.9350, -63.2690, -15.2770

Monochromacy



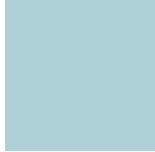
Original Color

198.8810, -63.1770, -16.9450



Achromatopsia

199.0000, -0.0000, 0.0000



Achromatomaly

198.8060, -23.0610, -6.0770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.8810, -63.1770, -16.9450 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(128, 227, 240)` looks like.

```
.text, #text, p{  
    color:rgb(128, 227, 240)  
}
```

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(128, 227, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 227, 240) }
```

Border

The CSS property to change the border of an element to YIQ 198.8810, -63.1770, -16.9450 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(128, 227, 240) }
```


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

```
.border{ border-color:rgb(128, 227, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 227, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 227, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 227, 240);  
box-shadow:4px 4px 4px 4px rgb(128, 227,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 198.8810, -63.1770, -16.9450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 227, 240) }
```

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

```
.background{ background-color: rgb(128,  
227, 240) }
```

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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