

Converting Colors

YIQ(198.2750, -17.1920,
-7.8160)

Have a look what the booklet for
YIQ(198.2750, -17.1920, -7.8160)
contains.

YIQ(198.2750, -17.1920, -7.8160)	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(198.2750, -17.1920,
-7.8160)**

Conversions

Conversions Part 1

Format	Color
Hex	B1D0CC
RGB	177, 208, 204
RGB Percent	69%, 82%, 80%
CMY	0.3060, 0.1842, 0.2001
CMYK	0.15, 0.00, 0.02, 0.18
HSL	172°, 25%, 75%
HSV	172°, 15%, 82%
XYZ	51.5832, 58.8218, 65.7513
YIQ	198.2750, -17.1920, -7.8160

Conversions

Conversions Part 2

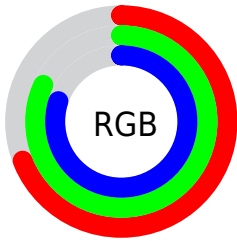
Format	Color
RYB	177, 194, 208
Decimal	11653324
CIELab	81.19, -11.09, -1.47
CIELCh	81, 11.192, 187.565
Yxy	58.8218, 0.2928, 0.3339
Android (android.graphics.Color)	4289843404 (0xFFB1D0CC)
YUV	198.2750, 2.8224, -18.6582
Hunter-Lab	76.6953, -14.1627, 2.8571

Details

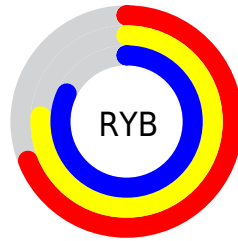
The YIQ color **198.2750, -17.1920, -7.8160** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **186.7250, 17.1920, 7.8160**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **248.4220, -13.1120, -4.6640**, and **144.5740, -16.5960, -7.6040** is the 20% darker color. If you saturate the color by 10%, you get **191.6540, -28.7450, -13.2010**, and if you desaturate by 10%, it is **204.8960, -5.6390, -2.4310**.

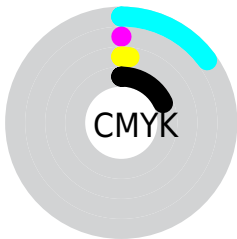
Distribution



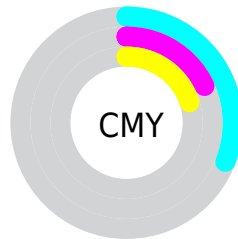
- Red (69%)
- Green (82%)
- Blue (80%)



- Red (69%)
- Yellow (76%)
- Blue (82%)



- Cyan (15%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)



- Cyan (31%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.2750, -17.1920, -7.8160 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 198.2750, -17.1920, -7.8160 by changing the saturation by 10% instead.

■ 198.2750,
-17.1920, -7.8160

■ 198.2750,
-17.1920, -7.8160

■ 255.0000, -0.0000,
-0.0000

■ 170.6880,
-16.9170, -7.2930

■ 248.4220,
-13.1120, -4.6640

■ 144.5740,
-16.5960, -7.6040

■ 118.8730,
-16.0000, -7.3920

■ 93.8730, -16.0000,
-7.3920

■ 69.5850, -15.1290,
-6.6570

■ 47.5850, -15.1290,
-6.6570

■ 25.4000, -16.0460,

-6.5580

■ 6.1950, -5.0430,
-2.2190

■ 0.0000, 0.0000,
0.0000

■ 198.2750,
-17.1920, -7.8160

■ 198.2750,
-17.1920, -7.8160

■ 191.6540,
-28.7450, -13.2010

■ 204.8960, -5.6390,
-2.4310

■ 185.1470,
-40.6190, -18.2750

■ 211.4030, 6.2350,
2.6430

■ 178.8250,
-51.5760, -23.4480

■ 217.7250, 17.1920,
7.8160

■ 172.2040,
-63.1290, -28.8330

■ 222.8510, 25.7650,
12.1410

■ 165.5830,
-74.6820, -34.2180

■ 223.0790, 25.1230,
12.7630

■ 159.0760,
-86.5560, -39.2920

■ 223.4210, 24.1600,
13.6960

■ 152.4550,
-98.1090, -44.6770

■ 223.7630, 23.1970,
14.6290

■ 146.1330,
-109.0660, -49.8500

■ 224.1050, 22.2340,
15.5620

■ 142.7300,
-115.3010, -52.4930

■ 224.3330, 21.5920,
16.1840

Harmonies

Analogous

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



198.5270, -9.2140, -9.2300



198.2750, -17.1920, -7.8160



198.5290, -20.7230, -4.3950

Triad

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



198.2750, -17.1920, -7.8160



202.9710, -1.0560, 8.1280



202.2700, 16.7350, -0.4250

Complementary

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



198.2750, -17.1920, -7.8160



186.7250, 17.1920, 7.8160

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.



203.5740, 18.9350, 3.7590



198.2750, -17.1920, -7.8160



204.1740, 8.6180, 9.0180

Square

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



198.2750, -17.1920, -7.8160



201.8880, -11.1880, 4.5240



204.1270, 16.0000, 7.3920



201.4000, 10.3170, -5.2590

Rectangle

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



198.2750, -17.1920, -7.8160



199.7080, -19.6690, -1.4690



204.1270, 16.0000, 7.3920



202.3950, 17.8810, 0.8330

Sweetspot

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



198.2750, -17.1920, -7.8160



251.8960, -5.6390, -2.4310



196.3930, -6.1410, -15.3650



125.7930, -3.8510, -1.7950



0.0000, 0.0000, 0.0000



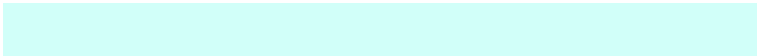
128.0000, -0.0000, -0.0000

Same Dimension

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



198.2750, -17.1920, -7.8160



240.5620, -25.4900, -11.6180



192.2740, -15.4510, -0.8190



101.4830, -5.9140, -2.9540



115.2600, -93.0660, -42.4580



28.0570, -22.5100, -10.5580

Inverse Universe

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



186.7250, 17.1920, 7.8160



223.4380, 25.4900, 11.6180



192.7260, 15.4510, 0.8190



97.4030, 6.2350, 2.6430



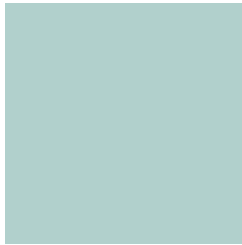
52.7400, 93.0660, 42.4580



12.8290, 22.8310, 10.2470

Previews

White Background



This preview shows how the YIQ color 198.2750, -17.1920, -7.8160 looks on a white background.

Color Contrast Check

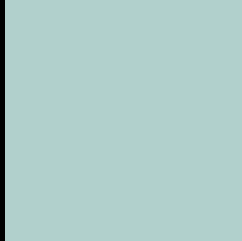
Large Text (above 18pt) WCAG AA × Fail

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 198.2750, -17.1920, -7.8160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

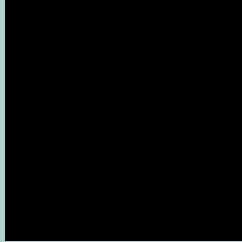
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.2750, -17.1920, -7.8160

Background



This preview shows how black text looks on a background with the YIQ color 198.2750, -17.1920, -7.8160.



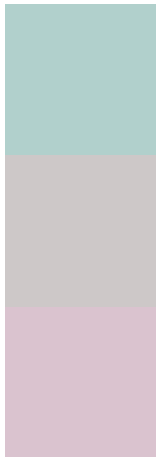
This preview shows how white text looks on a background with the YIQ color 198.2750, -17.1920, -7.8160.

-7.8160.

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

198.2750, -17.1920, -7.8160

Protanopia

201.4950, 2.9800, 1.0600

Deuteranopia

203.2450, 9.8560, 8.6080



Tritanopia

199.4630, -20.3570, -0.0130

Trichromacy



Original Color

198.2750, -17.1920, -7.8160

Protanomaly

200.3800, -4.1260, -2.3180

Deuteranomaly

201.5810, -0.1380, 2.5020

Tritanomaly

198.9530, -18.9810, -2.9250

Monochromacy



Original Color

198.2750, -17.1920, -7.8160

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.1840, -6.5100, -3.1660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.2750, -17.1920, -7.8160 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(177, 208, 204)` looks like.

```
.text, #text, p{  
    color:rgb(177, 208, 204)  
}
```

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(177, 208, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 208, 204) }
```

Border

The CSS property to change the border of an element to YIQ 198.2750, -17.1920, -7.8160 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(177, 208, 204) }
```


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

```
.border{ border-color:rgb(177, 208, 204) }
```

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

Here you see how a box with a 4 pixel rgb(177, 208, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 208, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 208, 204);  
box-shadow:4px 4px 4px 4px rgb(177, 208,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 198.2750, -17.1920, -7.8160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 208, 204) }
```

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

```
.background{ background-color: rgb(177,  
208, 204) }
```

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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