

Converting Colors

YIQ(217.9880, -18.0620,
-14.0780)

Have a look what the booklet for
YIQ(217.9880, -18.0620, -14.0780)
contains.

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Color

**YIQ(217.9880, -18.0620,
-14.0780)**

Conversions

Conversions Part 1

Format	Color
Hex	C0E8D6
RGB	192, 232, 214
RGB Percent	75%, 91%, 84%
CMY	0.2472, 0.0901, 0.1608
CMYK	0.17, 0.00, 0.08, 0.09
HSL	153°, 47%, 83%
HSV	153°, 17%, 91%
XYZ	62.7284, 73.7799, 74.5433
YIQ	217.9880, -18.0620, -14.0780

Conversions

Conversions Part 2

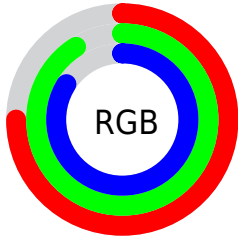
Format	Color
RYB	192, 218, 232
Decimal	12642518
CIELab	88.82, -16.48, 4.45
CIElCh	89, 17.070, 164.886
Yxy	73.7799, 0.2972, 0.3496
Android (android.graphics.Color)	4290832598 (0xFFC0E8D6)
YUV	217.9880, -1.9661, -22.7915
Hunter-Lab	85.8952, -19.9599, 8.6724

Details

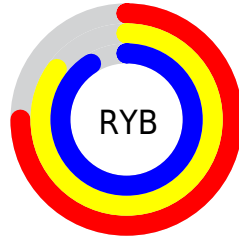
The YIQ color **217.9880, -18.0620, -14.0780** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **206.0120, 18.0620, 14.0780**, and the grayscale version is **218.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **253.2060, -3.5760, -1.2720**, and **162.7000, -17.1910, -13.3430** is the 20% darker color. If you saturate the color by 10%, you get **209.9710, -28.5600, -22.0640**, and if you desaturate by 10%, it is **226.0050, -7.5640, -6.0920**.

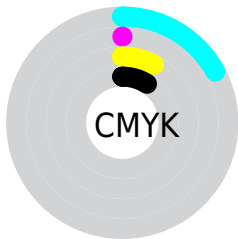
Distribution



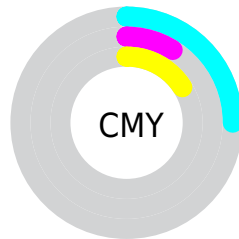
- Red (75%)
- Green (91%)
- Blue (84%)



- Red (75%)
- Yellow (85%)
- Blue (91%)



- Cyan (17%)
- Magenta (0%)
- Yellow (8%)
- Black (9%)



- Cyan (25%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.9880, -18.0620, -14.0780 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 217.9880, -18.0620, -14.0780 by changing the saturation by 10% instead.

■ 217.9880,
-18.0620, -14.0780

■ 217.9880,
-18.0620, -14.0780

■ 255.0000, -0.0000,
-0.0000

■ 190.2870,
-17.4660, -13.8660

■ 253.2060, -3.5760,
-1.2720

■ 162.7000,
-17.1910, -13.3430

■ 136.7000,
-17.1910, -13.3430

■ 111.1130,
-16.9160, -12.8200

■ 86.5260, -16.6410,
-12.2970

■ 62.9390, -16.3660,
-11.7740

■ 40.0530, -16.6870,

-11.4630

■ 20.2490, -14.3030,
-10.6150

■ 0.0000, 0.0000,
0.0000

■ 217.9880,
-18.0620, -14.0780

■ 217.9880,
-18.0620, -14.0780

■ 209.9710,
-28.5600, -22.0640

■ 226.0050, -7.5640,
-6.0920

■ 201.8400,
-38.7370, -30.3610

■ 234.1360, 2.6130,
2.2050

■ 193.5240,
-49.8310, -38.5590

■ 240.3590, 9.5350,
8.9190

■ 185.3930,
-60.0080, -46.8560

■ 241.4990, 6.3250,
12.0290

■ 177.3760,
-70.5060, -54.8420

■ 169.2450,
-80.6830, -63.1390

■ 161.2280,
-91.1810, -71.1250

■ 152.7980,
-101.9540, -79.6340

■ 150.7760,
-104.8880, -81.5280

Harmonies

Analogous

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



219.7140, -2.6110, -13.2590



217.9880, -18.0620, -14.0780



217.5230, -29.7540, -11.4340

Triad

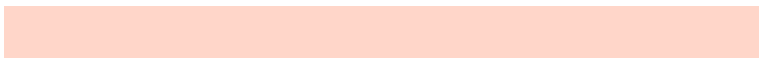
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217.9880, -18.0620, -14.0780



223.8540, -13.8480, 8.6800



224.7770, 28.6090, 4.6490

Complementary

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



217.9880, -18.0620, -14.0780



206.0120, 18.0620, 14.0780

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.



225.1990, 24.6650, 10.0490



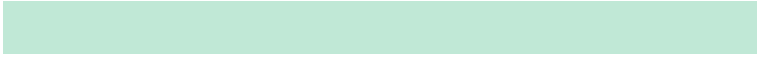
217.9880, -18.0620, -14.0780



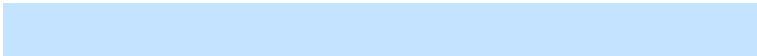
225.4000, 2.2900, 13.5700

Square

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



217.9880, -18.0620, -14.0780



220.8090, -27.1430, 1.8250



226.5280, 16.5490, 13.9650



223.3970, 23.5670, -3.0970

Rectangle

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



217.9880, -18.0620, -14.0780



217.7770, -33.2850, -8.0130



226.5280, 16.5490, 13.9650



224.6460, 27.6000, 6.4160

Sweetspot

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



217.9880, -18.0620, -14.0780



250.4290, -5.8220, -4.6220



221.1610, 0.3240, -16.8920



125.1520, -3.4840, -2.9400



0.0000, 0.0000, 0.0000



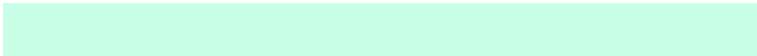
128.0000, -0.0000, -0.0000

Same Dimension

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



217.9880, -18.0620, -14.0780



236.1180, -24.4800, -18.9120



219.4530, -23.5650, -7.9570



110.8420, -5.5470, -4.0990



116.2450, -80.6830, -63.1390



33.1290, -23.0130, -17.9650

Inverse Universe

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



206.0120, 18.0620, 14.0780



219.9960, 24.1590, 19.2230



204.5470, 23.5650, 7.9570



107.1580, 5.5470, 4.0990



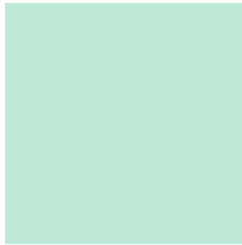
62.6410, 81.0040, 62.8280



17.8710, 23.0130, 17.9650

Previews

White Background



This preview shows how the YIQ color 217.9880, -18.0620, -14.0780 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 217.9880, -18.0620, -14.0780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

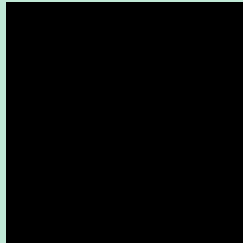
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

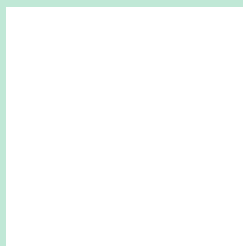
Any Text WCAG AAA ✓ Pass

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

YIQ 217.9880, -18.0620, -14.0780 Background



This preview shows how black text looks on a background with the YIQ color 217.9880, -18.0620, -14.0780.



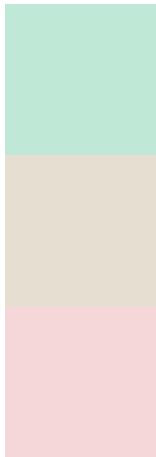
This preview shows how white text looks on a background with the YIQ color 217.9880, -18.0620, -14.0780.

-14.0780.

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

217.9880, -18.0620, -14.0780

Protanopia

222.7960, 9.2620, -2.6580

Deuteranopia

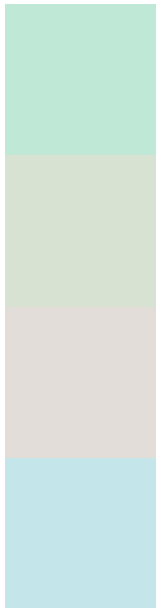
224.4970, 17.8340, 7.1940



Tritanopia

220.3810, -23.0620, -0.5500

Trichromacy



Original Color

217.9880, -18.0620, -14.0780

Protanomaly

221.1860, -0.8240, -7.0960

Deuteranomaly

221.9250, 4.5850, -0.4950

Tritanomaly

219.7030, -21.2730, -5.4410

Monochromacy



Original Color

217.9880, -18.0620, -14.0780

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

218.1300, -6.4180, -4.8340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.9880, -18.0620, -14.0780 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(192, 232, 214)` looks like.

```
.text, #text, p{  
    color:rgb(192, 232, 214)  
}
```

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(192, 232, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 232, 214) }
```

Border

The CSS property to change the border of an element to YIQ 217.9880, -18.0620, -14.0780 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(192, 232, 214) }
```


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

```
.border{ border-color:rgb(192, 232, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 232, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 232, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 232, 214);  
box-shadow:4px 4px 4px 4px rgb(192, 232,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 217.9880, -18.0620, -14.0780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 232, 214) }
```

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

```
.background{ background-color: rgb(192,  
232, 214) }
```

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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