

Converting Colors

YIQ(221.9830, -10.4980,
-7.9860)

Have a look what the booklet for
YIQ(221.9830, -10.4980, -7.9860)
contains.

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Color

**YIQ(221.9830, -10.4980,
-7.9860)**

Conversions

Conversions Part 1

Format	Color
Hex	CFE6DC
RGB	207, 230, 220
RGB Percent	81%, 90%, 86%
CMY	0.1883, 0.0980, 0.1373
CMYK	0.10, 0.00, 0.04, 0.10
HSL	154°, 32%, 86%
HSV	154°, 10%, 90%
XYZ	66.9444, 75.0290, 78.6578
YIQ	221.9830, -10.4980, -7.9860

Conversions

Conversions Part 2

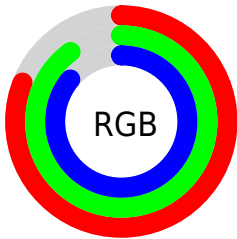
Format	Color
R _Y B	207, 222, 230
Decimal	13625052
CIE Lab	89.41, -9.47, 2.28
CIE LCh	89, 9.744, 166.469
Yxy	75.0290, 0.3034, 0.3401
Android (android.graphics.Color)	4291815132 (0xFFCFE6DC)
YUV	221.9830, -0.9776, -13.1401
Hunter-Lab	86.6193, -13.6286, 6.7930

Details

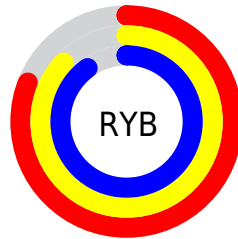
The YIQ color **221.9830, -10.4980, -7.9860** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **215.0170, 10.4980, 7.9860**, and the grayscale version is **222.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **166.6950, -9.6270, -7.2510** is the 20% darker color. If you saturate the color by 10%, you get **213.9660, -20.9960, -15.9720**, and if you desaturate by 10%, it is **230.0000, -0.0000, 0.0000**.

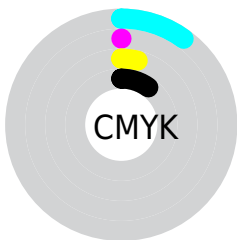
Distribution



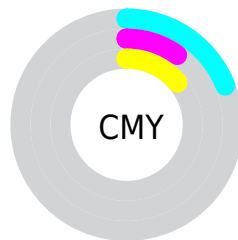
- Red (81%)
- Green (90%)
- Blue (86%)



- Red (81%)
- Yellow (87%)
- Blue (90%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (10%)



- Cyan (19%)
- Magenta (10%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.9830, -10.4980, -7.9860 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 221.9830, -10.4980, -7.9860 by changing the saturation by 10% instead.

■ 221.9830,
-10.4980, -7.9860

■ 221.9830,
-10.4980, -7.9860

255.0000, -0.0000,
-0.0000

■ 193.9830,
-10.4980, -7.9860

■ 166.6950, -9.6270,
-7.2510

■ 140.6950, -9.6270,
-7.2510

■ 114.6950, -9.6270,
-7.2510

■ 90.1080, -9.3520,
-6.7280

■ 66.5210, -9.0770,
-6.2050

■ 44.4070, -8.7560,

-6.5160

■ 23.8200, -8.4810,
-5.9930

■ 0.0000, 0.0000,
0.0000

■ 221.9830,
-10.4980, -7.9860

■ 221.9830,
-10.4980, -7.9860

■ 213.9660,
-20.9960, -15.9720

■ 230.0000, -0.0000,
0.0000

■ 205.9490,
-31.4940, -23.9580

■ 238.0170, 10.4980,
7.9860

■ 197.9320,
-41.9920, -31.9440

■ 239.7550, 8.4800,
11.5200

■ 189.9150,
-52.4900, -39.9300

■ 240.3250, 6.8750,
13.0750

■ 181.8980,
-62.9880, -47.9160

■ 173.8810,
-73.4860, -55.9020

■ 165.8640,
-83.9840, -63.8880

■ 157.8470,
-94.4820, -71.8740

■ 149.8300,
-104.9800, -79.8600

Harmonies

Analogous

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



222.5880, -2.0160, -7.5200



221.9830, -10.4980, -7.9860



221.6280, -16.6880, -5.9360

Triad

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



221.9830, -10.4980, -7.9860



225.1550, -7.5660, 4.9620



225.9650, 16.2760, 2.3880

Complementary

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



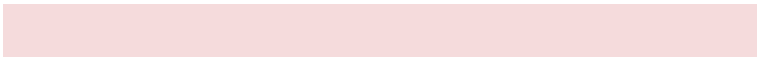
221.9830, -10.4980, -7.9860



215.0170, 10.4980, 7.9860

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.



226.8880, 15.1750, 5.8230



221.9830, -10.4980, -7.9860



226.5260, 1.6950, 7.8310

Square

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



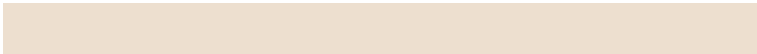
221.9830, -10.4980, -7.9860



223.9260, -14.3510, 1.2730



226.7180, 9.9020, 7.7740



225.3620, 13.4800, -2.0080

Rectangle

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



221.9830, -10.4980, -7.9860



222.1980, -18.2930, -4.3810



226.7180, 9.9020, 7.7740



226.2040, 17.1010, 3.9570

Sweetspot

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



221.9830, -10.4980, -7.9860



252.2660, -3.8050, -2.6290



223.4910, -0.3650, -9.9090



125.8640, -2.6130, -2.2050



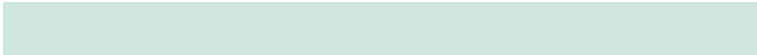
0.0000, 0.0000, 0.0000



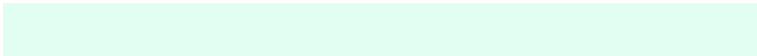
128.0000, -0.0000, -0.0000

Same Dimension

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



221.9830, -10.4980, -7.9860



244.2490, -14.3030, -10.6150



222.5360, -13.4330, -4.3530



110.8420, -5.5470, -4.0990



116.5870, -81.6460, -62.2060



33.2430, -23.3340, -17.6540

Inverse Universe

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



215.0170, 10.4980, 7.9860



234.8650, 13.9820, 10.9260



214.4640, 13.4330, 4.3530



107.1580, 5.5470, 4.0990



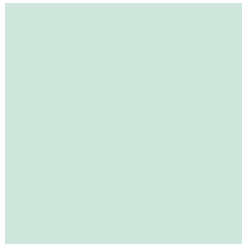
62.4130, 81.6460, 62.2060



17.7570, 23.3340, 17.6540

Previews

White Background



This preview shows how the YIQ color 221.9830, -10.4980, -7.9860 looks on a white background.

Color Contrast Check

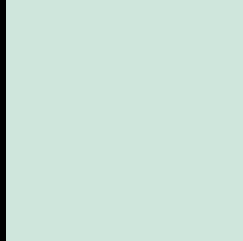
Large Text (above 18pt) WCAG AA × Fail

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 221.9830, -10.4980, -7.9860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

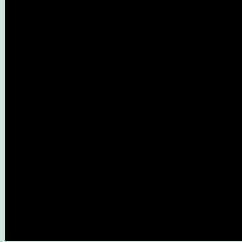
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

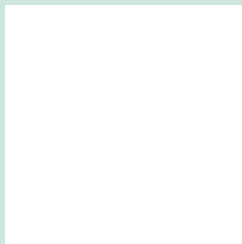
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 221.9830, -10.4980, -7.9860

Background



This preview shows how black text looks on a background with the YIQ color 221.9830, -10.4980, -7.9860.



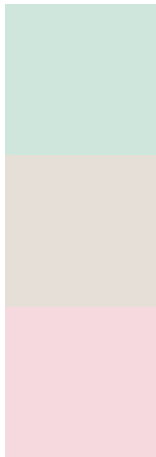
This preview shows how white text looks on a background with the YIQ color 221.9830, -10.4980, -7.9860.

-7.9860.

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

221.9830, -10.4980, -7.9860

Protanopia

224.2950, 6.4190, -0.6930

Deuteranopia

226.3550, 15.3580, 8.0140



Tritanopia

223.5670, -14.7180, 2.4180

Trichromacy



Original Color

221.9830, -10.4980, -7.9860

Protanomaly

223.7780, 0.5050, -3.6470

Deuteranomaly

224.9900, 5.9600, 2.1200

Tritanomaly

222.8290, -12.7000, -1.1160

Monochromacy



Original Color

221.9830, -10.4980, -7.9860

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

222.1520, -3.4840, -2.9400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.9830, -10.4980, -7.9860 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(207, 230, 220)` looks like.

```
.text, #text, p{  
    color:rgb(207, 230, 220)  
}
```

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(207, 230, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 230, 220) }
```

Border

The CSS property to change the border of an element to YIQ 221.9830, -10.4980, -7.9860 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(207, 230, 220) }
```


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

```
.border{ border-color:rgb(207, 230, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 230, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 230, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 230, 220);  
box-shadow:4px 4px 4px 4px rgb(207, 230,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 221.9830, -10.4980, -7.9860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 230, 220) }
```

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

```
.background{ background-color: rgb(207,  
230, 220) }
```

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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