

Converting Colors

YIQ(221.9750, -8.0200,
-19.8600)

Have a look what the booklet for
YIQ(221.9750, -8.0200, -19.8600)
contains.

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Color

**YIQ(221.9750, -8.0200,
-19.8600)**

Conversions

Conversions Part 1

Format	Color
Hex	CAEDC5
RGB	202, 237, 197
RGB Percent	79%, 93%, 77%
CMY	0.2079, 0.0705, 0.2274
CMYK	0.15, 0.00, 0.17, 0.07
HSL	113°, 53%, 85%
HSV	113°, 17%, 93%
XYZ	64.7161, 77.1607, 64.3058
YIQ	221.9750, -8.0200, -19.8600

Conversions

Conversions Part 2

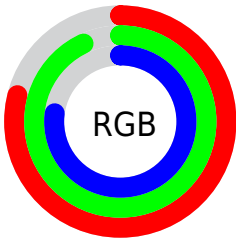
Format	Color
RYB	197, 237, 232
Decimal	13299141
CIELab	90.40, -18.73, 15.64
CIELCh	90, 24.400, 140.134
Yxy	77.1607, 0.3139, 0.3742
Android (android.graphics.Color)	4291489221 (0xFFCAEDC5)
YUV	221.9750, -12.3127, -17.5181
Hunter-Lab	87.8412, -22.2140, 18.0845

Details

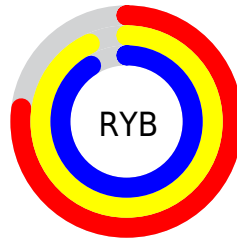
The YIQ color $221.9750, -8.0200, -19.8600$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $212.0250, 8.0200, 19.8600$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.8860, 0.3210, -0.3110$, and $166.8010, -7.4700, -18.8140$ is the 20% darker color. If you saturate the color by 10%, you get $212.9600, -12.8320, -31.7760$, and if you desaturate by 10%, it is $230.9900, -3.2080, -7.9440$.

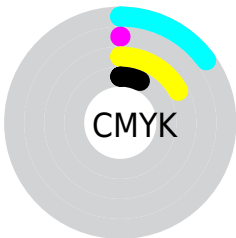
Distribution



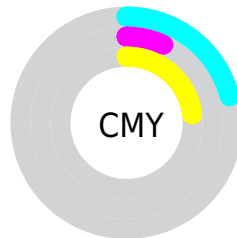
- Red (79%)
- Green (93%)
- Blue (77%)



- Red (77%)
- Yellow (93%)
- Blue (91%)



- Cyan (15%)
- Magenta (0%)
- Yellow (17%)
- Black (7%)



- Cyan (21%)
- Magenta (7%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.9750, -8.0200, -19.8600 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 221.9750, -8.0200, -19.8600 by changing the saturation by 10% instead.

■ 221.9750, -8.0200,
-19.8600

■ 221.9750, -8.0200,
-19.8600

255.0000, -0.0000,
-0.0000

■ 194.0890, -8.3410,
-19.5490

254.8860, 0.3210,
-0.3110

■ 166.8010, -7.4700,
-18.8140

■ 139.9150, -7.7910,
-18.5030

■ 114.4420, -7.8370,
-17.6690

■ 89.8550, -7.5620,
-17.1460

■ 66.2680, -7.2870,
-16.6230

■ 43.4960, -7.9290,

-16.0010

■ 21.7520, -5.7740,
-16.5100

■ 1.7610, -0.8250,
-1.5690

■ 221.9750, -8.0200,
-19.8600

■ 221.9750, -8.0200,
-19.8600

■ 212.9600,
-12.8320, -31.7760

■ 230.9900, -3.2080,
-7.9440

■ 204.0590,
-17.9650, -43.3810

■ 239.5920, 1.3290,
3.4490

■ 195.3430,
-22.1810, -55.0850

■ 244.4340, 4.9500,
9.4140

■ 186.3280,
-26.9930, -67.0010

■ 177.3130,
-31.8050, -78.9170

■ 168.4120,
-36.9380, -90.5220

■ 159.6960,
-41.1540, -102.2260

■ 150.6810,
-45.9660, -114.1420

■ 147.7900,
-47.8910, -117.8030

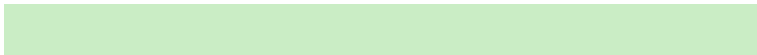
Harmonies

Analogous

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



224.9300, 14.2160, -15.3520



221.9750, -8.0200, -19.8600



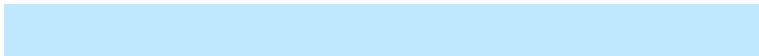
219.0680, -30.2110, -19.6750

Triad

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



221.9750, -8.0200, -19.8600



222.3630, -31.8190, -1.5390



224.8570, 25.6280, 9.1160

Complementary

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



221.9750, -8.0200, -19.8600



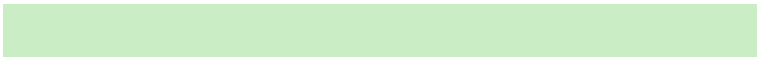
212.0250, 8.0200, 19.8600

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.



227.5930, 17.9240, 16.5800



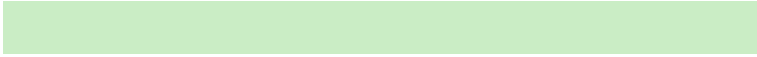
221.9750, -8.0200, -19.8600



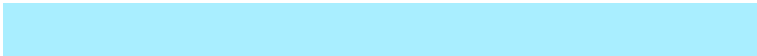
226.9360, -11.1430, 9.2170

Square

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



221.9750, -8.0200, -19.8600



219.3070, -46.5810, -9.3410



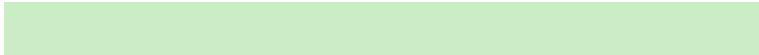
231.1990, 7.4700, 18.8140



225.0390, 30.6270, 1.1150

Rectangle

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



221.9750, -8.0200, -19.8600



218.1900, -42.1780, -17.5540



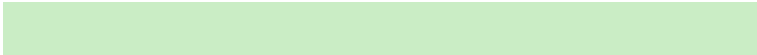
231.1990, 7.4700, 18.8140



225.1820, 23.3350, 12.1270

Sweetspot

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



221.9750, -8.0200, -19.8600



250.2290, -2.3830, -6.3750



229.5050, 14.2150, -9.8250



124.9950, -1.6040, -3.9720



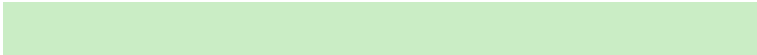
0.0000, 0.0000, 0.0000



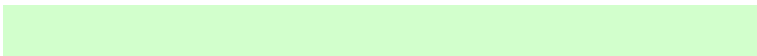
128.0000, -0.0000, -0.0000

Same Dimension

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



221.9750, -8.0200, -19.8600



235.7310, -10.4490, -25.4010



222.1900, -15.8150, -16.2550



112.7560, -2.4290, -5.5410



112.8250, -36.6630, -89.9990



33.7910, -10.6780, -26.7580

Inverse Universe

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



212.0250, 8.0200, 19.8600



223.2690, 10.4490, 25.4010



211.8100, 15.8150, 16.2550



110.2440, 2.4290, 5.5410



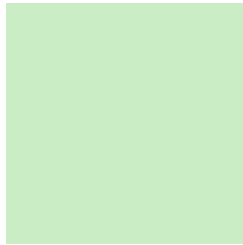
68.1750, 36.6630, 89.9990



20.2090, 10.6780, 26.7580

Previews

White Background



This preview shows how the YIQ color 221.9750, -8.0200, -19.8600 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 221.9750, -8.0200, -19.8600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

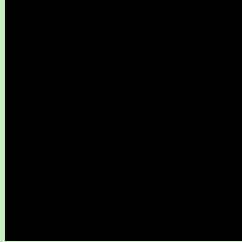
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

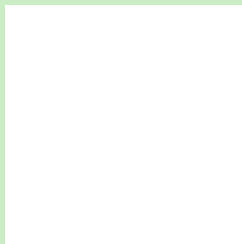
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 221.9750, -8.0200, -19.8600

Background



This preview shows how black text looks on a background with the YIQ color 221.9750, -8.0200, -19.8600.



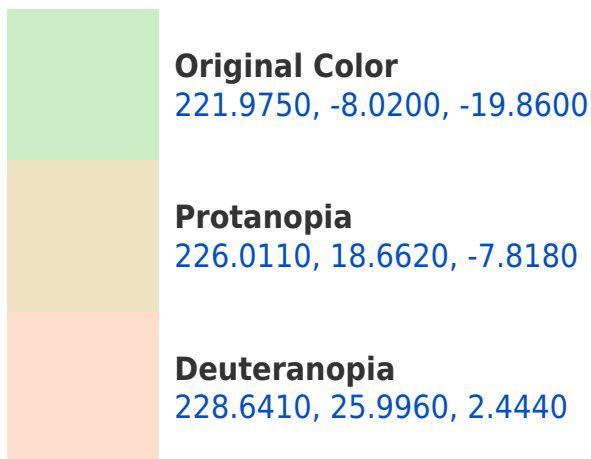
This preview shows how white text looks on a background with the YIQ color 221.9750, -8.0200,

-19.8600.

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

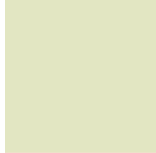
226.0720, -17.6980, 1.3580

Trichromacy



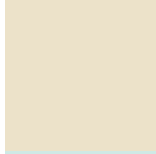
Original Color

221.9750, -8.0200, -19.8600



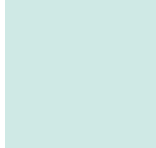
Protanomaly

224.7000, 9.1720, -12.0440



Deuteranomaly

226.1400, 13.9850, -5.6550



Tritanomaly

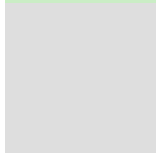
224.7700, -14.2120, -6.7560

Monochromacy



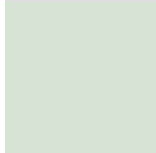
Original Color

221.9750, -8.0200, -19.8600



Achromatopsia

222.0000, -0.0000, 0.0000



Achromatomaly

221.8160, -2.6580, -6.8980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.9750, -8.0200, -19.8600 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(202, 237, 197)` looks like.

```
.text, #text, p{  
    color:rgb(202, 237, 197)  
}
```

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(202, 237, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 237, 197) }
```

Border

The CSS property to change the border of an element to YIQ 221.9750, -8.0200, -19.8600 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(202, 237, 197) }
```


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

```
.border{ border-color:rgb(202, 237, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 237, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 237, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 237, 197);  
box-shadow:4px 4px 4px 4px rgb(202, 237,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 221.9750, -8.0200, -19.8600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 237, 197) }
```

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

```
.background{ background-color: rgb(202,  
237, 197) }
```

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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