

Converting Colors

YIQ(224.9610, -22.6000,
-19.9440)

Have a look what the booklet for
YIQ(224.9610, -22.6000, -19.9440)
contains.

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Color

**YIQ(224.9610, -22.6000,
-19.9440)**

Conversions

Conversions Part 1

Format	Color
Hex	BFF4D8
RGB	191, 244, 216
RGB Percent	75%, 96%, 85%
CMY	0.2511, 0.0430, 0.1530
CMYK	0.22, 0.00, 0.11, 0.04
HSL	148°, 71%, 85%
HSV	148°, 22%, 96%
XYZ	66.2264, 80.7433, 77.0485
YIQ	224.9610, -22.6000, -19.9440

Conversions

Conversions Part 2

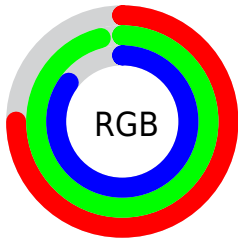
Format	Color
R_{YB}	191, 227, 244
Decimal	12580056
CIE _{Lab}	92.02, -22.32, 8.01
CIE _{LCh}	92, 23.717, 160.253
Yxy	80.7433, 0.2956, 0.3604
Android (android.graphics.Color)	4290770136 (0xFFBFF4D8)
YUV	224.9610, -4.4178, -29.7838
Hunter-Lab	89.8573, -25.6925, 12.0616

Details

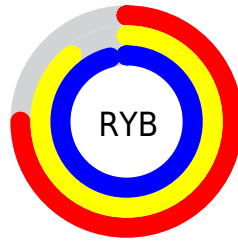
The YIQ color **224.9610, -22.6000, -19.9440** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **210.0390, 22.6000, 19.9440**, and the grayscale version is **225.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **252.9070, -4.1720, -1.4840**, and **169.6730, -21.7290, -19.2090** is the 20% darker color. If you saturate the color by 10%, you get **216.3030, -32.7310, -29.0750**, and if you desaturate by 10%, it is **233.6190, -12.4690, -10.8130**.

Distribution



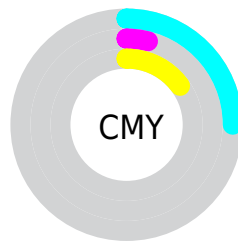
- Red (75%)
- Green (96%)
- Blue (85%)



- Red (75%)
- Yellow (89%)
- Blue (96%)



- Cyan (22%)
- Magenta (0%)
- Yellow (11%)
- Black (4%)



- Cyan (25%)
- Magenta (4%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.9610, -22.6000, -19.9440 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 224.9610, -22.6000, -19.9440 by changing the saturation by 10% instead.

■ 224.9610,
-22.6000, -19.9440

■ 224.9610,
-22.6000, -19.9440

255.0000, -0.0000,
-0.0000

■ 196.9610,
-22.6000, -19.9440

■ 252.9070, -4.1720,
-1.4840

■ 169.6730,
-21.7290, -19.2090

■ 143.0860,
-21.4540, -18.6860

■ 116.6130,
-21.5000, -17.8520

■ 91.6130, -21.5000,
-17.8520

■ 67.1400, -21.5460,
-17.0180

■ 43.0580, -24.2510,

-17.5550

■ 24.5860, -16.8700,
-13.6540

■ 7.6310, -3.5750,
-6.7990

■ 224.9610,
-22.6000, -19.9440

■ 224.9610,
-22.6000, -19.9440

■ 216.3030,
-32.7310, -29.0750

■ 233.6190,
-12.4690, -10.8130

■ 207.3460,
-43.4580, -38.4180

■ 242.5760, -1.7420,
-1.4700

■ 198.6880,
-53.5890, -47.5490

■ 248.5430, 3.0250,
5.7530

■ 189.7310,
-64.3160, -56.8920

■ 181.1870,
-74.7680, -65.7120

■ 172.5290,
-84.8990, -74.8430

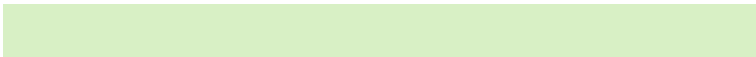
■ 163.5720,
-95.6260, -84.1860

■ 156.3380,
-104.0150, -91.8470

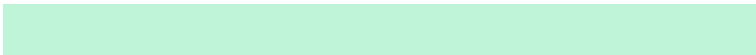
Harmonies

Analogous

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



227.9220, -0.5010, -18.4610



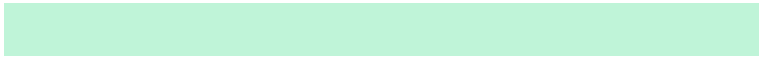
224.9610, -22.6000, -19.9440



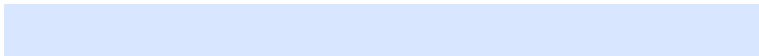
223.0870, -40.3900, -16.9180

Triad

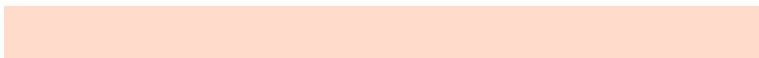
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224.9610, -22.6000, -19.9440



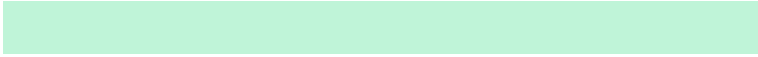
229.2510, -16.6440, 4.2840



228.0540, 26.2710, 2.9670

Complementary

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



224.9610, -22.6000, -19.9440



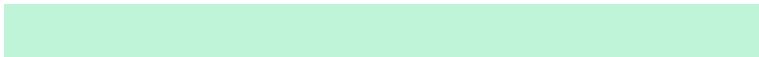
210.0390, 22.6000, 19.9440

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.



228.6870, 20.3550, 11.0670



224.9610, -22.6000, -19.9440



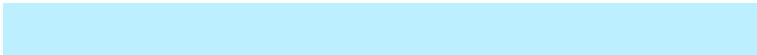
234.1120, 3.1610, 14.3050

Square

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



224.9610, -22.6000, -19.9440



225.5750, -35.5320, -5.8360



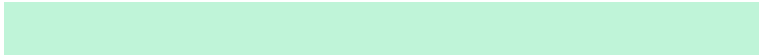
232.4830, 12.4220, 17.1740



230.5670, 28.8400, -5.0480

Rectangle

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



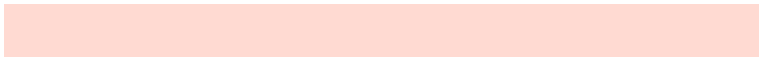
224.9610, -22.6000, -19.9440



223.6010, -47.5890, -13.1010



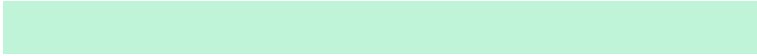
232.4830, 12.4220, 17.1740



228.1510, 24.6200, 5.3560

Sweetspot

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



224.9610, -22.6000, -19.9440



248.5920, -7.8390, -6.6150



230.4830, 2.1130, -21.7830



124.0270, -4.6300, -4.1980



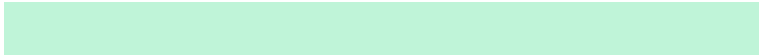
0.0000, 0.0000, 0.0000



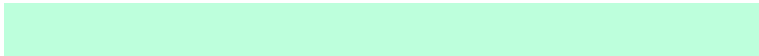
128.0000, -0.0000, -0.0000

Same Dimension

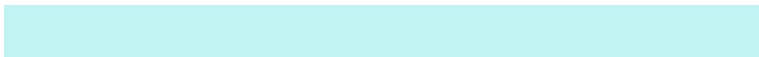
The Same Dimension uses a secret algorithm to generate beautiful new colors.



224.9610, -22.6000, -19.9440



231.2760, -28.1010, -24.8770



227.9250, -30.9460, -11.8580



117.7280, -5.2260, -4.4100



119.2140, -79.3980, -69.9100



37.8250, -25.2130, -22.1490

Inverse Universe

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



210.0390, 22.6000, 19.9440



212.7240, 28.1010, 24.8770



207.0750, 30.9460, 11.8580



114.3860, 4.9050, 4.7210



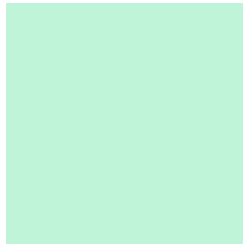
66.7860, 79.3980, 69.9100



21.1750, 25.2130, 22.1490

Previews

White Background



This preview shows how the YIQ color 224.9610, -22.6000, -19.9440 looks on a white background.

Color Contrast Check

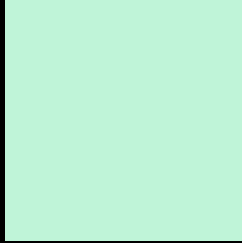
Large Text (above 18pt) WCAG AA × Fail

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 224.9610, -22.6000, -19.9440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

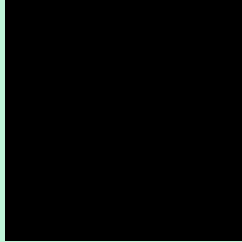
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

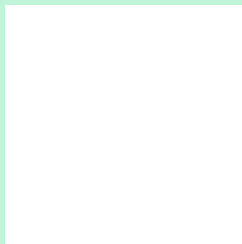
Any Text WCAG AAA ✓ Pass

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

YIQ 224.9610, -22.6000, -19.9440 Background



This preview shows how black text looks on a background with the YIQ color 224.9610, -22.6000, -19.9440.



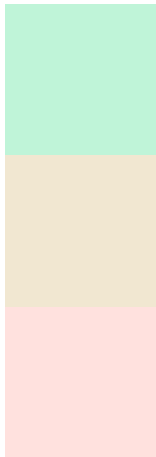
This preview shows how white text looks on a background with the YIQ color 224.9610, -22.6000, -19.9440.

-19.9440.

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

224.9610, -22.6000, -19.9440

Protanopia

231.4820, 13.0220, -4.7220

Deuteranopia

233.6280, 18.8430, 5.4270



Tritanopia

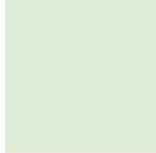
229.1740, -26.9130, -2.3450

Trichromacy



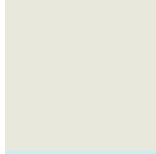
Original Color

224.9610, -22.6000, -19.9440



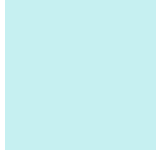
Protanomaly

229.3770, -0.0440, -10.2200



Deuteranomaly

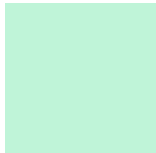
230.6320, 3.8520, -3.7320



Tritanomaly

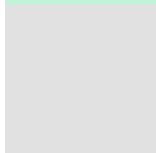
227.5560, -25.3530, -8.5930

Monochromacy



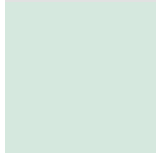
Original Color

224.9610, -22.6000, -19.9440



Achromatopsia

225.0000, -0.0000, -0.0000



Achromatomaly

225.1790, -8.1140, -7.1380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.9610, -22.6000, -19.9440 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(191, 244, 216)` looks like.

```
.text, #text, p{  
    color:rgb(191, 244, 216)  
}
```

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(191, 244, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 244, 216) }
```

Border

The CSS property to change the border of an element to YIQ 224.9610, -22.6000, -19.9440 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(191, 244, 216) }
```


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

```
.border{ border-color:rgb(191, 244, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 244, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 244, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 244, 216);  
box-shadow:4px 4px 4px 4px rgb(191, 244,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 224.9610, -22.6000, -19.9440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 244, 216) }
```

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

```
.background{ background-color: rgb(191,  
244, 216) }
```

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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