

Converting Colors

YIQ(224.3210, -23.9740,
-28.0860)

Have a look what the booklet for
YIQ(224.3210, -23.9740, -28.0860)
contains.

YIQ(224.3210, -23.9740, -28.0860)	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(224.3210, -23.9740,
-28.0860)**

Conversions

Conversions Part 1

Format	Color
Hex	B8F9CB
RGB	184, 249, 203
RGB Percent	72%, 98%, 80%
CMY	0.2786, 0.0234, 0.2040
CMYK	0.26, 0.00, 0.18, 0.02
HSL	138°, 84%, 85%
HSV	138°, 26%, 98%
XYZ	64.4177, 82.2638, 68.9738
YIQ	224.3210, -23.9740, -28.0860

Conversions

Conversions Part 2

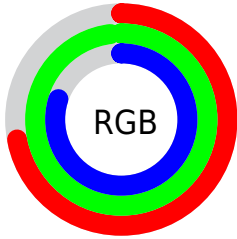
Format	Color
RYB	184, 234, 249
Decimal	12122571
CIELab	92.69, -29.30, 15.63
CIElCh	93, 33.209, 151.919
Yxy	82.2638, 0.2987, 0.3815
Android (android.graphics.Color)	4290312651 (0xFFB8F9CB)
YUV	224.3210, -10.5113, -35.3615
Hunter-Lab	90.6994, -31.9473, 18.4016

Details

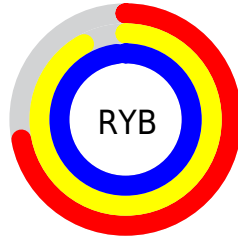
The YIQ color **224.3210, -23.9740, -28.0860** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **208.6790, 23.9740, 28.0860**, and the grayscale version is **224.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **250.8140, -8.3440, -2.9680**, and **168.2610, -23.7450, -26.7290** is the 20% darker color. If you saturate the color by 10%, you get **214.7940, -33.0960, -38.9840**, and if you desaturate by 10%, it is **233.8480, -14.8520, -17.1880**.

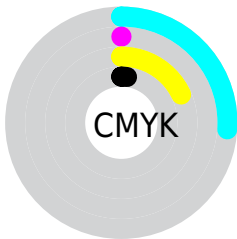
Distribution



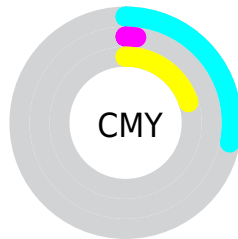
- Red (72%)
- Green (98%)
- Blue (80%)



- Red (72%)
- Yellow (92%)
- Blue (98%)



- Cyan (26%)
- Magenta (0%)
- Yellow (18%)
- Black (2%)



- Cyan (28%)
- Magenta (2%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.3210, -23.9740, -28.0860 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 224.3210, -23.9740, -28.0860 by changing the saturation by 10% instead.

■ 224.3210,
-23.9740, -28.0860

■ 224.3210,
-23.9740, -28.0860

255.0000, -0.0000,
-0.0000

■ 195.8480,
-24.0200, -27.2520

■ 250.8140, -8.3440,
-2.9680

■ 168.2610,
-23.7450, -26.7290

■ 141.6740,
-23.4700, -26.2060

■ 115.2010,
-23.5160, -25.3720

■ 90.3150, -23.8370,
-25.0610

■ 64.9450, -25.6710,
-24.8630

■ 40.9880, -27.2300,

-24.1420

■ 24.7510, -13.2010,
-19.5770

■ 9.9790, -4.6750,
-8.8910

■ 224.3210,
-23.9740, -28.0860

■ 224.3210,
-23.9740, -28.0860

■ 214.7940,
-33.0960, -38.9840

■ 233.8480,
-14.8520, -17.1880

■ 205.3810,
-42.5390, -49.5710

■ 243.2610, -5.4090,
-6.6010

■ 195.8540,
-51.6610, -60.4690

■ 251.4780, 1.6500,
3.1380

■ 186.4410,
-61.1040, -71.0560

■ 176.9140,
-70.2260, -81.9540

■ 167.6860,
-78.7520, -92.6400

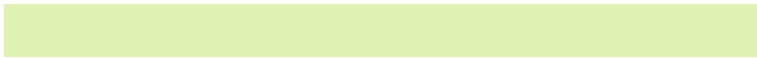
■ 158.2730,
-88.1950, -103.2270

■ 154.4850,
-91.9080, -107.5240

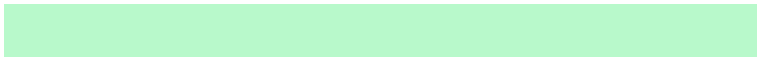
Harmonies

Analogous

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



228.5390, 7.7070, -24.0450



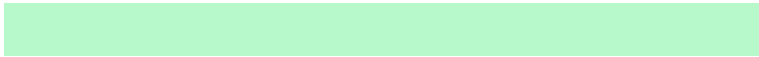
224.3210, -23.9740, -28.0860



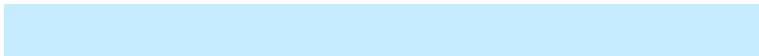
220.1620, -54.1430, -26.4870

Triad

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



224.3210, -23.9740, -28.0860



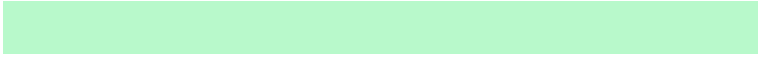
226.5050, -29.3430, -2.3590



224.3040, 28.5630, 5.4830

Complementary

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



224.3210, -23.9740, -28.0860



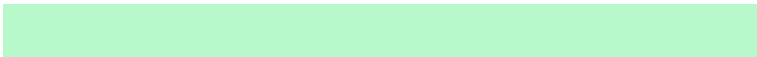
208.6790, 23.9740, 28.0860

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.



226.6640, 19.1620, 16.1700



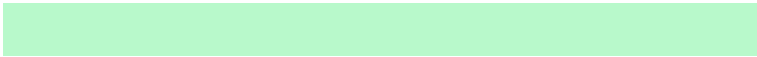
224.3210, -23.9740, -28.0860



233.5030, 0.5020, 12.9340

Square

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



224.3210, -23.9740, -28.0860



219.5290, -56.2540, -15.7580



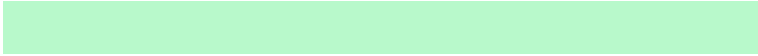
231.5200, 11.0000, 20.9200



226.9650, 33.4710, -6.3770

Rectangle

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



224.3210, -23.9740, -28.0860



218.8540, -67.7150, -22.8110



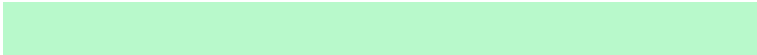
231.5200, 11.0000, 20.9200



224.8570, 25.6280, 9.1160

Sweetspot

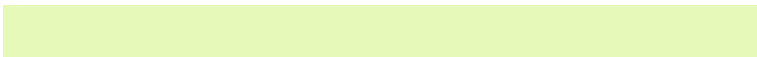
The Sweet Spot groups the original color and five complimentary colors.



224.3210, -23.9740, -28.0860



247.4240, -7.4260, -8.5940



236.2080, 10.1370, -24.0310



122.9730, -4.5380, -5.8660



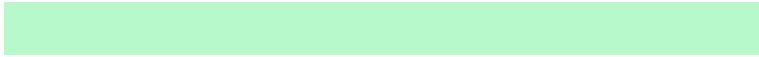
0.0000, 0.0000, 0.0000



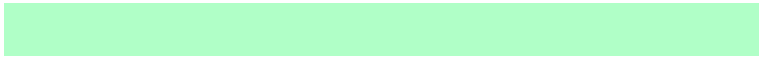
128.0000, -0.0000, -0.0000

Same Dimension

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



224.3210, -23.9740, -28.0860



224.9950, -29.1080, -34.1640



227.9690, -34.2460, -18.1340



120.0870, -4.8590, -5.5550



117.2130, -69.6300, -81.7420



37.8590, -22.5530, -26.3050

Inverse Universe

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



208.6790, 23.9740, 28.0860



206.0050, 29.1080, 34.1640



205.0310, 34.2460, 18.1340



116.9130, 4.8590, 5.5550



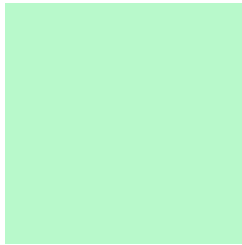
71.7870, 69.6300, 81.7420



23.1410, 22.5530, 26.3050

Previews

White Background



This preview shows how the YIQ color 224.3210, -23.9740, -28.0860 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 224.3210, -23.9740, -28.0860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

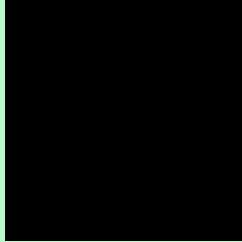
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

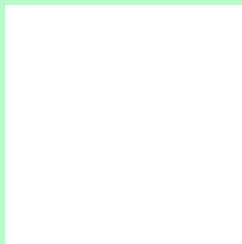
Any Text WCAG AAA ✓ Pass

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

YIQ 224.3210, -23.9740, -28.0860 Background



This preview shows how black text looks on a background with the YIQ color 224.3210, -23.9740, -28.0860.



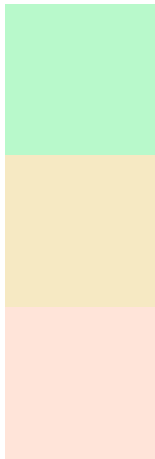
This preview shows how white text looks on a background with the YIQ color 224.3210, -23.9740, -28.0860.

-28.0860.

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

224.3210, -23.9740, -28.0860

Protanopia

232.5550, 19.9460, -9.0620

Deuteranopia

234.8190, 19.6230, 2.3030



Tritanopia

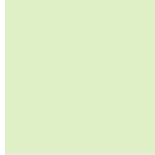
230.3590, -25.9960, -2.4440

Trichromacy



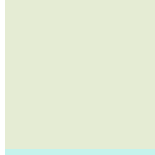
Original Color

224.3210, -23.9740, -28.0860



Protanomaly

229.5420, 3.6250, -16.1430



Deuteranomaly

231.1710, 3.5320, -8.9480



Tritanomaly

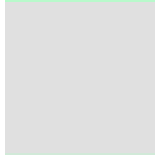
228.4480, -25.1690, -11.9290

Monochromacy



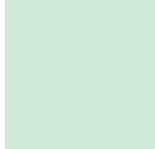
Original Color

224.3210, -23.9740, -28.0860



Achromatopsia

224.0000, -0.0000, 0.0000



Achromatomaly

223.8860, -8.8470, -10.3750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.3210, -23.9740, -28.0860 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(184, 249, 203)` looks like.

```
.text, #text, p{  
    color:rgb(184, 249, 203)  
}
```

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(184, 249, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 249, 203) }
```

Border

The CSS property to change the border of an element to YIQ 224.3210, -23.9740, -28.0860 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(184, 249, 203) }
```


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

```
.border{ border-color:rgb(184, 249, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 249, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 249, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 249, 203);  
box-shadow:4px 4px 4px 4px rgb(184, 249,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 224.3210, -23.9740, -28.0860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 249, 203) }
```

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

```
.background{ background-color: rgb(184,  
249, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor