

Converting Colors

YIQ(230.1480, -15.9970,
-23.9730)

Have a look what the booklet for
YIQ(230.1480, -15.9970, -23.9730)
contains.

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Color

**YIQ(230.1480, -15.9970,
-23.9730)**

Conversions

Conversions Part 1

Format	Color
Hex	C8FACF
RGB	200, 250, 207
RGB Percent	78%, 98%, 81%
CMY	0.2158, 0.0195, 0.1883
CMYK	0.20, 0.00, 0.17, 0.02
HSL	128°, 83%, 88%
HSV	128°, 20%, 98%
XYZ	69.2631, 85.1631, 71.8141
YIQ	230.1480, -15.9970, -23.9730

Conversions

Conversions Part 2

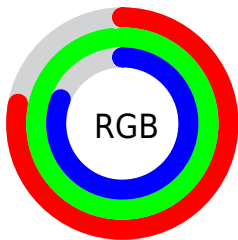
Format	Color
R_{YB}	200, 244, 250
Decimal	13171407
CIE _{Lab}	93.95, -23.99, 15.48
CIE _{LCh}	94, 28.555, 147.167
Yxy	85.1631, 0.3061, 0.3764
Android (android.graphics.Color)	4291361487 (0xFFC8FACF)
YUV	230.1480, -11.4120, -26.4398
Hunter-Lab	92.2838, -27.5245, 18.4600

Details

The YIQ color **230.1480, -15.9970, -23.9730** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **219.8520, 15.9970, 23.9730**, and the grayscale version is **230.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **174.0880, -15.7680, -22.6160** is the 20% darker color. If you saturate the color by 10%, you get **220.2790, -24.1560, -35.8040**, and if you desaturate by 10%, it is **240.0170, -7.8380, -12.1420**.

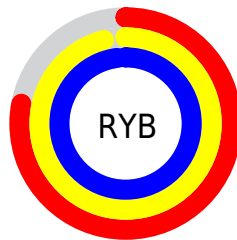
Distribution



Red (78%)

Green (98%)

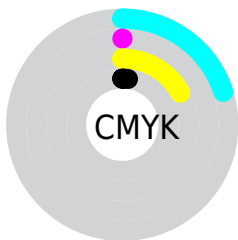
Blue (81%)



Red (78%)

Yellow (96%)

Blue (98%)

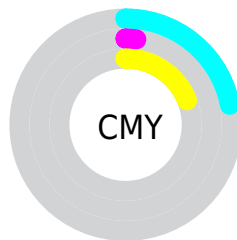


Cyan (20%)

Magenta (0%)

Yellow (17%)

Black (2%)



Cyan (22%)

Magenta (2%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.1480, -15.9970, -23.9730 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 230.1480, -15.9970, -23.9730 by changing the saturation by 10% instead.

■ 230.1480,
-15.9970, -23.9730

■ 230.1480,
-15.9970, -23.9730

255.0000, -0.0000,
-0.0000

■ 201.5610,
-15.7220, -23.4500

■ 174.0880,
-15.7680, -22.6160

■ 147.5010,
-15.4930, -22.0930

■ 121.8000,
-14.8970, -21.8810

■ 96.3270, -14.9430,
-21.0470

■ 71.8540, -14.9890,
-20.2130

■ 47.8970, -16.5480,

-19.4920

■ 26.4950, -15.3560,
-19.0680

■ 12.9140, -6.0500,
-11.5060

■ 230.1480,
-15.9970, -23.9730

■ 230.1480,
-15.9970, -23.9730

■ 220.2790,
-24.1560, -35.8040

■ 240.0170, -7.8380,
-12.1420

■ 210.2960,
-31.9940, -47.9460

■ 250.0000, 0.0000,
0.0000

■ 200.4270,
-40.1530, -59.7770

■ 252.0650, 1.3750,
2.6150

■ 190.4440,
-47.9910, -71.9190

■ 180.5750,
-56.1500, -83.7500

■ 170.5920,
-63.9880, -95.8920

■ 160.7230,
-72.1470, -107.7230

■ 150.7400,
-79.9850, -119.8650

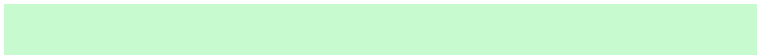
Harmonies

Analogous

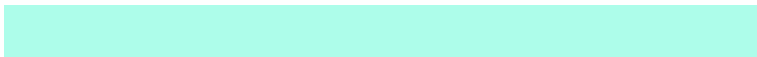
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.0280, 10.8240, -19.9600



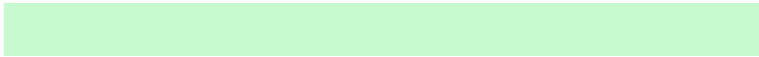
230.1480, -15.9970, -23.9730



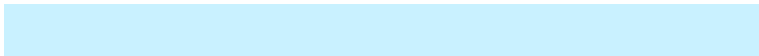
226.9140, -41.5810, -22.8690

Triad

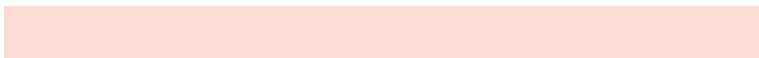
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.1480, -15.9970, -23.9730



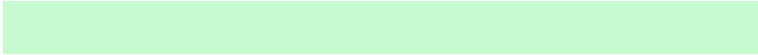
230.6360, -28.3340, -4.1260



229.1940, 23.0610, 6.0770

Complementary

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



230.1480, -15.9970, -23.9730



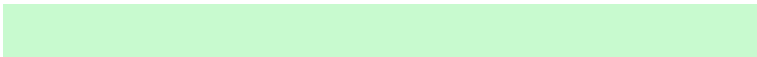
219.8520, 15.9970, 23.9730

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.



231.6850, 14.6690, 14.9970



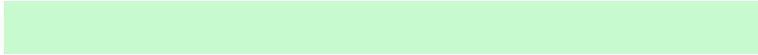
230.1480, -15.9970, -23.9730



236.1280, -2.9360, 9.1600

Square

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



230.1480, -15.9970, -23.9730



225.4760, -48.7350, -14.3590



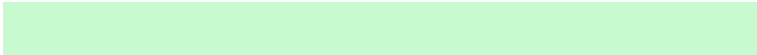
236.2160, 8.8000, 16.7360



230.7950, 28.1980, -4.4260

Rectangle

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



230.1480, -15.9970, -23.9730



225.7910, -54.2360, -19.2920



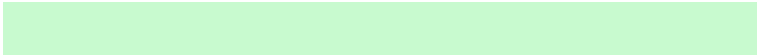
236.2160, 8.8000, 16.7360



229.6330, 20.4470, 9.3990

Sweetspot

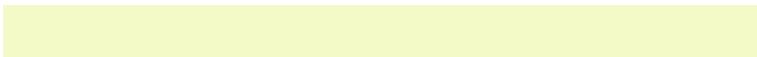
The Sweet Spot groups the original color and five complimentary colors.



230.1480, -15.9970, -23.9730



249.0330, -4.7670, -7.2230



242.2070, 11.8780, -17.0340



124.3970, -2.7960, -4.3960



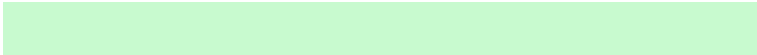
0.0000, 0.0000, 0.0000



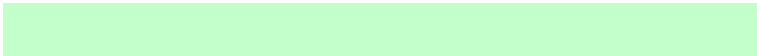
128.0000, -0.0000, -0.0000

Same Dimension

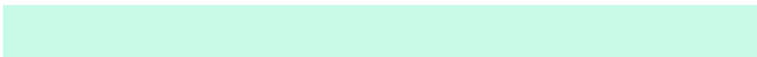
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.1480, -15.9970, -23.9730



230.7190, -19.3430, -29.4150



232.9980, -24.0220, -16.1980



119.8590, -4.2170, -6.1770



113.9070, -60.3210, -90.7610



36.8330, -19.6640, -29.1040

Inverse Universe

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



219.8520, 15.9970, 23.9730



218.1670, 19.6640, 29.1040



217.0020, 24.0220, 16.1980



117.1410, 4.2170, 6.1770



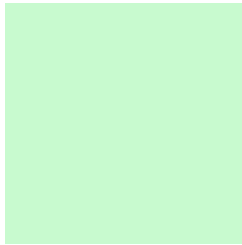
74.9790, 60.6420, 90.4500



24.2810, 19.3430, 29.4150

Previews

White Background



This preview shows how the YIQ color 230.1480, -15.9970, -23.9730 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 230.1480, -15.9970, -23.9730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

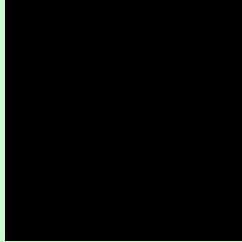
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

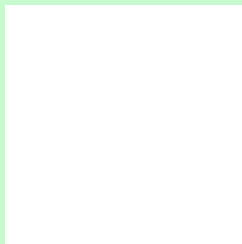
Any Text WCAG AAA ✓ Pass

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

YIQ 230.1480, -15.9970, -23.9730 Background



This preview shows how black text looks on a background with the YIQ color 230.1480, -15.9970, -23.9730.



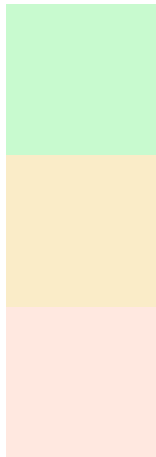
This preview shows how white text looks on a background with the YIQ color 230.1480, -15.9970, -23.9730.

-23.9730.

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**

230.1480, -15.9970, -23.9730

Protanopia

236.0820, 19.9000, -8.2280

Deuteranopia

237.9650, 16.2760, 2.3880



Tritanopia

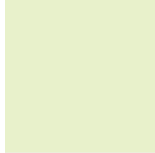
235.7190, -18.2020, -0.5220

Trichromacy



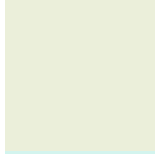
Original Color

230.1480, -15.9970, -23.9730



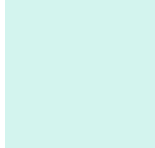
Protanomaly

233.9770, 6.8340, -13.7260



Deuteranomaly

235.4100, 4.3570, -7.3790



Tritanomaly

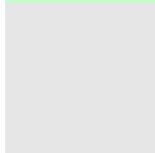
233.4490, -17.7420, -8.8620

Monochromacy



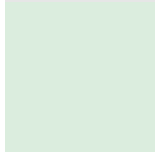
Original Color

230.1480, -15.9970, -23.9730



Achromatopsia

230.0000, -0.0000, 0.0000



Achromatomaly

229.9080, -5.9130, -8.4810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.1480, -15.9970, -23.9730 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(200, 250, 207)` looks like.

```
.text, #text, p{  
    color:rgb(200, 250, 207)  
}
```

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(200, 250, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 250, 207) }
```

Border

The CSS property to change the border of an element to YIQ 230.1480, -15.9970, -23.9730 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(200, 250, 207) }
```


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

```
.border{ border-color:rgb(200, 250, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 250, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 250, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 250, 207);  
box-shadow:4px 4px 4px 4px rgb(200, 250,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 230.1480, -15.9970, -23.9730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 250, 207) }
```

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

```
.background{ background-color: rgb(200,  
250, 207) }
```

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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