

Converting Colors

YIQ(230.9230, -19.4370,
-16.6930)

Have a look what the booklet for
YIQ(230.9230, -19.4370, -16.6930)
contains.

YIQ(230.9230, -19.4370, -16.6930)	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(230.9230, -19.4370,
-16.6930)**

Conversions

Conversions Part 1

Format	Color
Hex	CAF7E0
RGB	202, 247, 224
RGB Percent	79%, 97%, 88%
CMY	0.2080, 0.0313, 0.1216
CMYK	0.18, 0.00, 0.09, 0.03
HSL	149°, 74%, 88%
HSV	149°, 18%, 97%
XYZ	71.0678, 84.4663, 83.0682
YIQ	230.9230, -19.4370, -16.6930

Conversions

Conversions Part 2

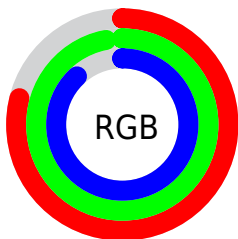
Format	Color
R_{YB}	202, 232, 247
Decimal	13301728
CIE _{Lab}	93.65, -18.82, 6.31
CIE _{LCh}	94, 19.852, 161.475
Yxy	84.4663, 0.2979, 0.3540
Android (android.graphics.Color)	4291491808 (0xFFCAF7E0)
YUV	230.9230, -3.4130, -25.3655
Hunter-Lab	91.9055, -22.8061, 10.7450

Details

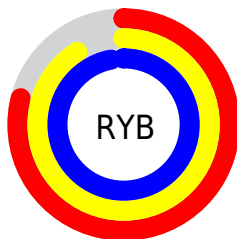
The YIQ color **230.9230, -19.4370, -16.6930** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **218.0770, 19.4370, 16.6930**, and the grayscale version is **231.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **175.3360, -19.1620, -16.1700** is the 20% darker color. If you saturate the color by 10%, you get **221.9660, -30.1640, -26.0360**, and if you desaturate by 10%, it is **239.8800, -8.7100, -7.3500**.

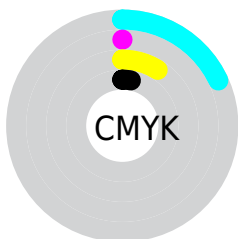
Distribution



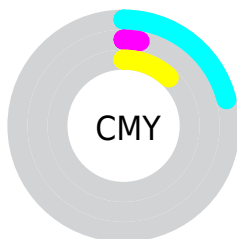
- Red (79%)
- Green (97%)
- Blue (88%)



- Red (79%)
- Yellow (91%)
- Blue (97%)



- Cyan (18%)
- Magenta (0%)
- Yellow (9%)
- Black (3%)



- Cyan (21%)
- Magenta (3%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.9230, -19.4370, -16.6930 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 230.9230, -19.4370, -16.6930 by changing the saturation by 10% instead.

■ 230.9230,
-19.4370, -16.6930

■ 230.9230,
-19.4370, -16.6930

255.0000, -0.0000,
-0.0000

■ 202.3360,
-19.1620, -16.1700

■ 175.3360,
-19.1620, -16.1700

■ 148.0480,
-18.2910, -15.4350

■ 122.4610,
-18.0160, -14.9120

■ 96.8740, -17.7410,
-14.3890

■ 72.9880, -18.0620,
-14.0780

■ 49.4010, -17.7870,

-13.5550

■ 27.0310, -19.6210,
-13.3570

■ 12.3270, -5.7750,
-10.9830

■ 230.9230,
-19.4370, -16.6930

■ 230.9230,
-19.4370, -16.6930

■ 221.9660,
-30.1640, -26.0360

■ 239.8800, -8.7100,
-7.3500

■ 213.4220,
-40.6160, -34.8560

■ 248.4240, 1.7420,
1.4700

■ 204.4650,
-51.3430, -44.1990

■ 250.3040, 2.2000,
4.1840

■ 195.5080,
-62.0700, -53.5420

■ 186.6650,
-73.1180, -62.5740

■ 178.0070,
-83.2490, -71.7050

■ 169.1640,
-94.2970, -80.7370

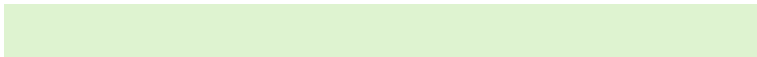
■ 160.2070,
-105.0240, -90.0800

■ 158.7830,
-106.7660, -91.5500

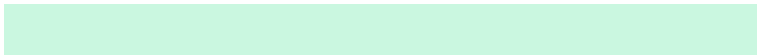
Harmonies

Analogous

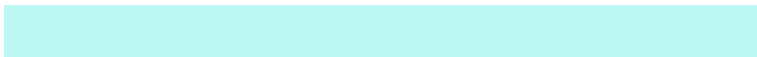
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.7310, -1.2810, -15.3370



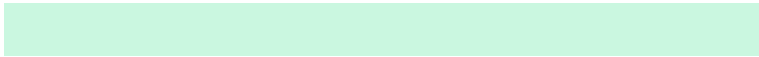
230.9230, -19.4370, -16.6930



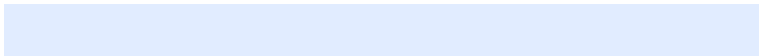
229.9030, -33.8800, -13.7520

Triad

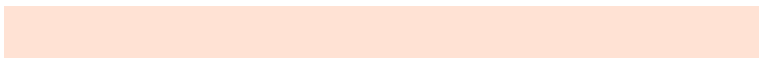
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.9230, -19.4370, -16.6930



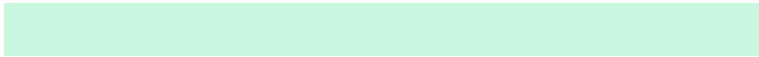
234.8770, -12.6550, 3.5770



233.0750, 21.7780, 1.7940

Complementary

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



230.9230, -19.4370, -16.6930



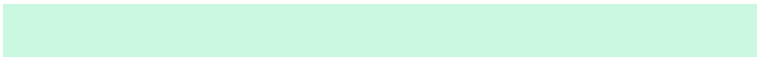
218.0770, 19.4370, 16.6930

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.



233.9530, 16.5500, 8.4380



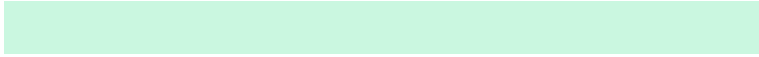
230.9230, -19.4370, -16.6930



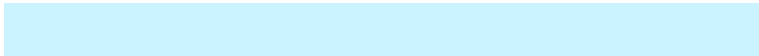
238.5310, 3.2990, 11.8030

Square

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



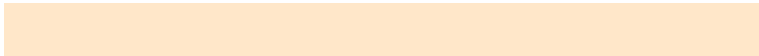
230.9230, -19.4370, -16.6930



231.5220, -28.0130, -4.4370



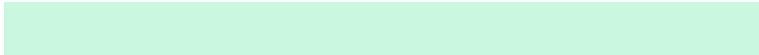
236.7060, 10.1760, 13.8240



234.7560, 23.9340, -4.2420

Rectangle

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



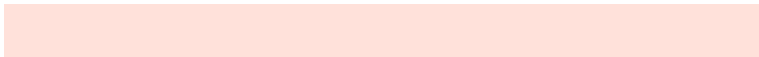
230.9230, -19.4370, -16.6930



229.9720, -38.3280, -10.2320



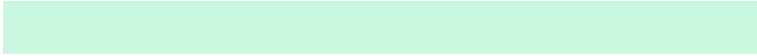
236.7060, 10.1760, 13.8240



233.1720, 20.1270, 4.1830

Sweetspot

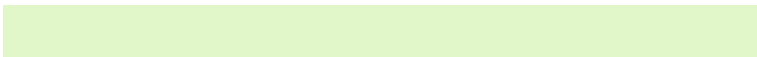
The Sweet Spot groups the original color and five complimentary colors.



230.9230, -19.4370, -16.6930



250.3150, -5.5010, -4.9330



235.2920, 1.3330, -18.6590



125.1520, -3.4840, -2.9400



0.0000, 0.0000, 0.0000



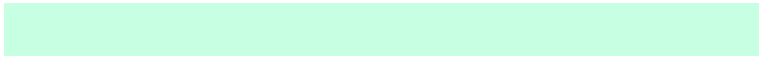
128.0000, -0.0000, -0.0000

Same Dimension

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



230.9230, -19.4370, -16.6930



234.9500, -24.0670, -20.8910



233.4310, -26.4990, -9.8510



117.7280, -5.2260, -4.4100



119.5560, -80.3610, -68.9770



37.9390, -25.5340, -21.8380

Inverse Universe

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



218.0770, 19.4370, 16.6930



219.0500, 24.0670, 20.8910



215.5690, 26.4990, 9.8510



114.2720, 5.2260, 4.4100



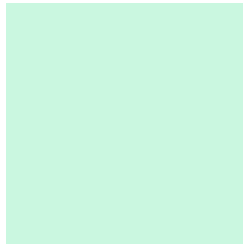
66.4440, 80.3610, 68.9770



21.0610, 25.5340, 21.8380

Previews

White Background



This preview shows how the YIQ color 230.9230, -19.4370, -16.6930 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 230.9230, -19.4370, -16.6930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

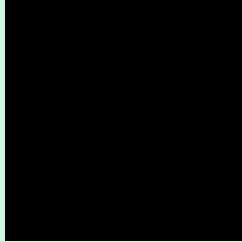
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

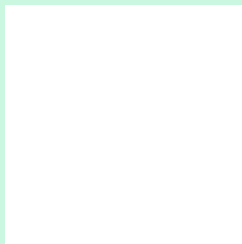
Any Text WCAG AAA ✓ Pass

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

YIQ 230.9230, -19.4370, -16.6930 Background



This preview shows how black text looks on a background with the YIQ color 230.9230, -19.4370, -16.6930.



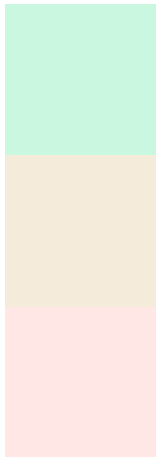
This preview shows how white text looks on a background with the YIQ color 230.9230, -19.4370, -16.6930.

-16.6930.

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

230.9230, -19.4370, -16.6930

Protanopia

236.0520, 11.4170, -3.1670

Deuteranopia

238.0620, 14.6250, 4.7770



Tritanopia

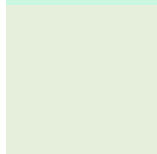
234.5340, -19.1190, -0.4230

Trichromacy



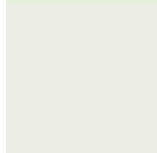
Original Color

230.9230, -19.4370, -16.6930



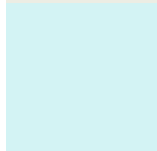
Protanomaly

233.8440, 0.1390, -8.0290



Deuteranomaly

235.6750, 2.2930, -3.0110



Tritanomaly

233.5460, -19.3930, -6.4730

Monochromacy



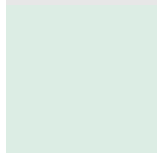
Original Color

230.9230, -19.4370, -16.6930



Achromatopsia

231.0000, -0.0000, -0.0000



Achromatomaly

230.8910, -7.2430, -6.4030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.9230, -19.4370, -16.6930 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, 247, 224)` looks like.

```
.text, #text, p{  
    color:rgb(202, 247, 224)  
}
```

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, 247, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 247, 224) }
```

Border

The CSS property to change the border of an element to YIQ 230.9230, -19.4370, -16.6930 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, 247, 224) }
```


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

```
.border{ border-color:rgb(202, 247, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 247, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 247, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 247, 224);  
box-shadow:4px 4px 4px 4px rgb(202, 247,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 230.9230, -19.4370, -16.6930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 247, 224) }
```

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

```
.background{ background-color: rgb(202,  
247, 224) }
```

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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