

Converting Colors

YIQ(230.1340, -21.4090,
-13.9930)

Have a look what the booklet for
YIQ(230.1340, -21.4090, -13.9930)
contains.

YIQ(230.1340, -21.4090, -13.9930)	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(230.1340, -21.4090,
-13.9930)**

Conversions

Conversions Part 1

Format	Color
Hex	C9F5E6
RGB	201, 245, 230
RGB Percent	79%, 96%, 90%
CMY	0.2119, 0.0391, 0.0981
CMYK	0.18, 0.00, 0.06, 0.04
HSL	160°, 69%, 87%
HSV	160°, 18%, 96%
XYZ	71.0179, 83.4416, 87.2119
YIQ	230.1340, -21.4090, -13.9930

Conversions

Conversions Part 2

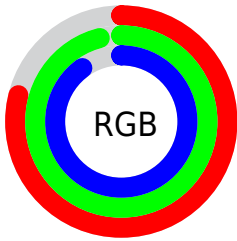
Format	Color
R _Y B	201, 228, 245
Decimal	13235686
CIE Lab	93.21, -17.01, 2.55
CIE LCh	93, 17.200, 171.474
Yxy	83.4416, 0.2939, 0.3453
Android (android.graphics.Color)	4291425766 (0xFFC9F5E6)
YUV	230.1340, -0.0661, -25.5505
Hunter-Lab	91.3464, -21.0801, 7.3360

Details

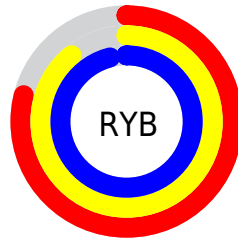
The YIQ color **230.1340, -21.4090, -13.9930** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **215.8660, 21.4090, 13.9930**, and the grayscale version is **230.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **174.5470, -21.1340, -13.4700** is the 20% darker color. If you saturate the color by 10%, you get **221.7470, -33.7410, -21.7810**, and if you desaturate by 10%, it is **238.2220, -9.6730, -6.4170**.

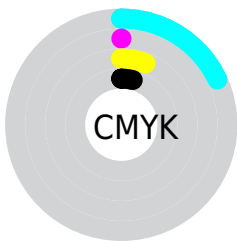
Distribution



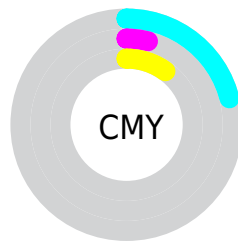
- Red (79%)
- Green (96%)
- Blue (90%)



- Red (79%)
- Yellow (89%)
- Blue (96%)



- Cyan (18%)
- Magenta (0%)
- Yellow (6%)
- Black (4%)



- Cyan (21%)
- Magenta (4%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.1340, -21.4090, -13.9930 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 230.1340, -21.4090, -13.9930 by changing the saturation by 10% instead.

■ 230.1340,
-21.4090, -13.9930

■ 230.1340,
-21.4090, -13.9930

255.0000, -0.0000,
-0.0000

■ 202.1340,
-21.4090, -13.9930

■ 174.5470,
-21.1340, -13.4700

■ 147.8460,
-20.5380, -13.2580

■ 121.5580,
-19.6670, -12.5230

■ 96.5580, -19.6670,
-12.5230

■ 72.0850, -19.7130,
-11.6890

■ 49.0850, -19.7130,

-11.6890

■ 26.9000, -20.6300,
-11.5900

■ 11.7230, -6.8300,
-8.3820

■ 230.1340,
-21.4090, -13.9930

■ 230.1340,
-21.4090, -13.9930

■ 221.7470,
-33.7410, -21.7810

■ 238.2220, -9.6730,
-6.4170

■ 213.5450,
-45.1560, -29.6680

■ 246.7230, 2.3380,
1.6820

■ 205.1580,
-57.4880, -37.4560

■ 249.1300, 2.7500,
5.2300

■ 197.0700,
-69.2240, -45.0320

■ 188.5690,
-81.2350, -53.1310

■ 180.4810,
-92.9710, -60.7070

■ 171.9800,
-104.9820, -68.8060

■ 163.8920,
-116.7180, -76.3820

■ 162.1690,
-119.0560, -78.0640

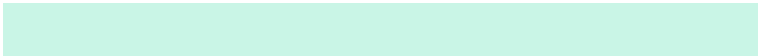
Harmonies

Analogous

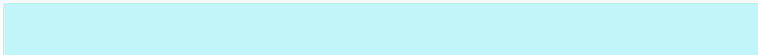
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.9200, -6.1870, -14.5310



230.1340, -21.4090, -13.9930



229.6800, -31.6340, -10.4020

Triad

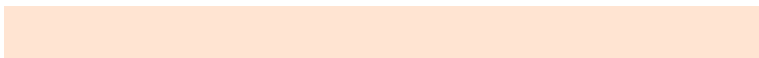
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.1340, -21.4090, -13.9930



235.5080, -7.0620, 6.8420



234.0210, 21.8700, 0.1260

Complementary

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



230.1340, -21.4090, -13.9930



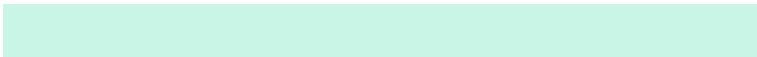
215.8660, 21.4090, 13.9930

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.



233.8560, 18.2010, 6.0490



230.1340, -21.4090, -13.9930



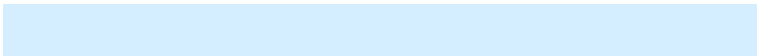
238.5530, 6.2330, 13.6970

Square

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



230.1340, -21.4090, -13.9930



232.1640, -20.9530, -0.2250



235.7940, 12.7440, 11.3360



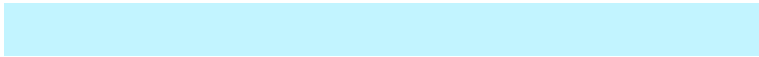
235.8590, 22.1460, -4.8780

Rectangle

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



230.1340, -21.4090, -13.9930



230.3040, -33.3310, -7.1790



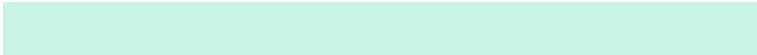
235.7940, 12.7440, 11.3360



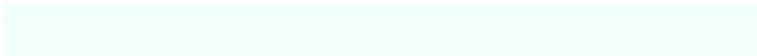
233.3030, 21.1360, 2.4160

Sweetspot

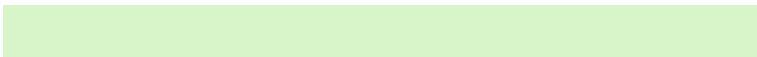
The Sweet Spot groups the original color and five complimentary colors.



230.1340, -21.4090, -13.9930



250.6570, -6.4640, -4.0000



231.3130, -3.1600, -19.8320



125.2660, -3.8050, -2.6290



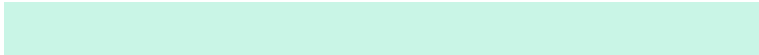
0.0000, 0.0000, 0.0000



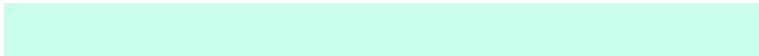
128.0000, -0.0000, -0.0000

Same Dimension

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



230.1340, -21.4090, -13.9930



236.0900, -27.2770, -17.7810



227.7350, -24.2990, -5.6670



117.9560, -5.8680, -3.7880



123.2040, -90.6330, -59.0250



39.0790, -28.7440, -18.7280

Inverse Universe

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



215.8660, 21.4090, 13.9930



217.9100, 27.2770, 17.7810



218.2650, 24.2990, 5.6670



114.0440, 5.8680, 3.7880



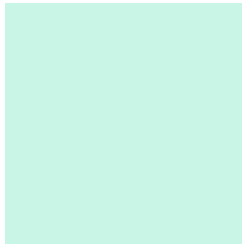
62.9100, 90.3120, 59.3360



19.9210, 28.7440, 18.7280

Previews

White Background



This preview shows how the YIQ color 230.1340, -21.4090, -13.9930 looks on a white background.

Color Contrast Check

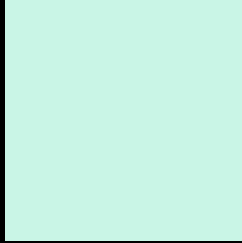
Large Text (above 18pt) WCAG AA × Fail

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 230.1340, -21.4090, -13.9930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

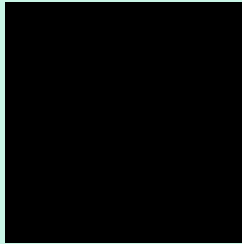
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

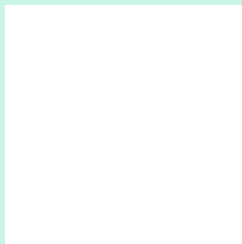
Any Text WCAG AAA ✓ Pass

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

YIQ 230.1340, -21.4090, -13.9930 Background



This preview shows how black text looks on a background with the YIQ color 230.1340, -21.4090, -13.9930.



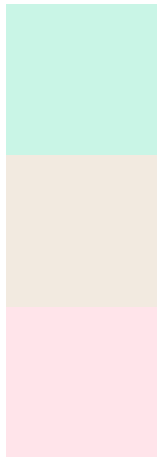
This preview shows how white text looks on a background with the YIQ color 230.1340, -21.4090, -13.9930.

-13.9930.

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

230.1340, -21.4090, -13.9930

Protanopia

235.2520, 7.9780, -1.4140

Deuteranopia

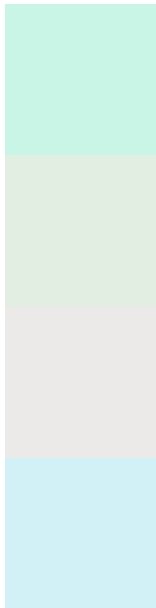
236.7570, 14.1660, 7.5900



Tritanopia

233.0500, -20.6320, -0.5360

Trichromacy



Original Color

230.1340, -21.4090, -13.9930

Protanomaly

233.3430, -2.7040, -6.0640

Deuteranomaly

234.1850, 0.9170, -0.0990

Tritanomaly

232.0020, -20.6770, -5.2290

Monochromacy



Original Color

230.1340, -21.4090, -13.9930

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

229.6460, -7.9310, -4.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.1340, -21.4090, -13.9930 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(201, 245, 230)` looks like.

```
.text, #text, p{  
    color:rgb(201, 245, 230)  
}
```

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(201, 245, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 245, 230) }
```

Border

The CSS property to change the border of an element to YIQ 230.1340, -21.4090, -13.9930 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(201, 245, 230) }
```


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

```
.border{ border-color:rgb(201, 245, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 245, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 245, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 245, 230);  
box-shadow:4px 4px 4px 4px rgb(201, 245,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 230.1340, -21.4090, -13.9930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 245, 230) }
```

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

```
.background{ background-color: rgb(201,  
245, 230) }
```

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