

# Converting Colors

YIQ(230.7130, -2.0110,  
-35.1550)

Have a look what the booklet for  
YIQ(230.7130, -2.0110, -35.1550)  
contains.

<b>YIQ(230.7130, -2.0110, -35.1550)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(230.7130, -2.0110,  
-35.1550)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFFEAD
RGB	207, 254, 173
RGB Percent	81%, 100%, 68%
CMY	0.1884, 0.0038, 0.3215
CMYK	0.19, 0.00, 0.32, 0.00
HSL	95°, 98%, 84%
HSV	95°, 32%, 100%
XYZ	68.7128, 87.1731, 52.7468
YIQ	230.7130, -2.0110, -35.1550

# Conversions

## Conversions Part 2

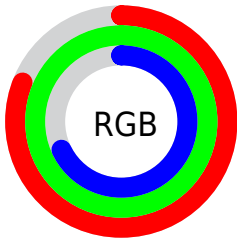
Format	Color
<a href="#">RYB</a>	<a href="#">173, 254, 220</a>
Decimal	<a href="#">13631149</a>
CIELab	<a href="#">94.81, -28.89, 33.98</a>
CIELCh	<a href="#">95, 44.599, 130.370</a>
Yxy	<a href="#">87.1731, 0.3293, 0.4178</a>
Android (android.graphics.Color)	<a href="#">4291821229 (0xFFCFEAD)</a>
YUV	<a href="#">230.7130, -28.4525, -20.7963</a>
Hunter-Lab	<a href="#">93.3666, -32.0251, 31.8611</a>

# Details

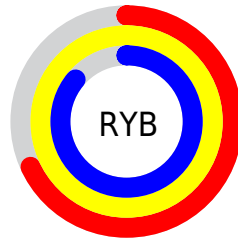
The YIQ color  $230.7130, -2.0110, -35.1550$  is a light color, and the websafe version is hex  $CCFF99$ . A complement of this color would be  $196.2870, 2.0110, 35.1550$ , and the grayscale version is  $231.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $252.0360, 8.3460, -8.0860$ , and  $174.7670, -2.1030, -33.4870$  is the 20% darker color. If you saturate the color by 10%, you get  $223.3780, -2.9260, -46.1100$ , and if you desaturate by 10%, it is  $238.0480, -1.0960, -24.2000$ .

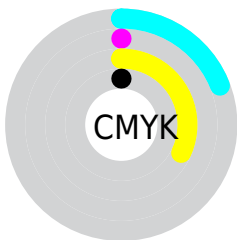
# Distribution



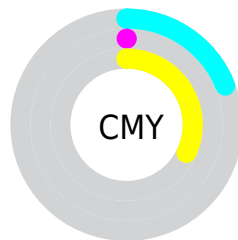
- Red (81%)
- Green (100%)
- Blue (68%)



- Red (68%)
- Yellow (100%)
- Blue (86%)



- Cyan (19%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)




- Cyan (19%)
- Magenta (0%)
- Yellow (32%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 230.7130, -2.0110, -35.1550 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 230.7130, -2.0110, -35.1550 by changing the saturation by 10% instead.





 230.7130, -2.0110,  
-35.1550

 230.7130, -2.0110,  
-35.1550

255.0000, -0.0000,  
-0.0000


 202.2400, -2.0570,  
-34.3210


 252.0360, 8.3460,  
-8.0860

 174.4680, -2.6990,  
-33.6990

 147.8810, -2.4240,  
-33.1760

 121.5220, -2.7910,  
-32.0310

 95.7500, -3.4330,  
-31.4090

 70.8640, -3.7540,  
-31.0980

 46.7930, -4.9920,

-30.6880

■ 27.0020, -12.6500,  
-24.0580

■ 14.6750, -6.8750,  
-13.0750

■ 230.7130, -2.0110,  
-35.1550

■ 230.7130, -2.0110,  
-35.1550

■ 223.3780, -2.9260,  
-46.1100

■ 238.0480, -1.0960,  
-24.2000

■ 215.9290, -3.5200,  
-57.3760

■ 245.1980, -1.0980,  
-13.1460

■ 208.8930, -3.8390,  
-68.1190

■ 252.5330, -0.1830,  
-2.1910

■ 201.4440, -4.4330,  
-79.3850

■ 254.4130, 0.2750,  
0.5230

■ 194.1090, -5.3480,  
-90.3400

■ 186.7740, -6.2630,  
-101.2950

■ 180.7920, -6.6740,  
-110.3700

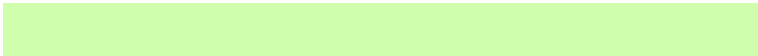
# Harmonies

## Analogous

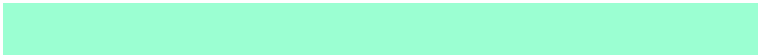
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.5560, 35.4000, -24.8240



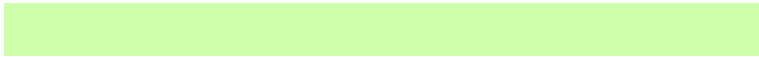
230.7130, -2.0110, -35.1550



219.9700, -45.1550, -35.1950

# Triad

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



230.7130, -2.0110, -35.1550



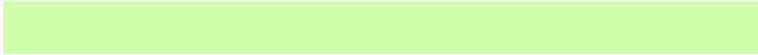
217.3590, -70.6950, -23.8710



223.5180, 22.5090, 16.0850

# Complementary

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



230.7130, -2.0110, -35.1550



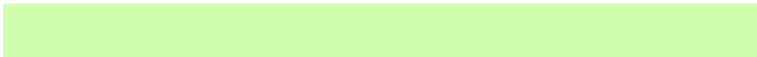
196.2870, 2.0110, 35.1550

# Split Complementary

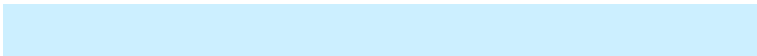
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.1720, 12.1000, 23.0120



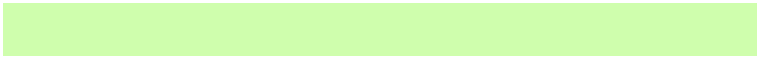
230.7130, -2.0110, -35.1550



230.3590, -25.9960, -2.4440

# Square

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



230.7130, -2.0110, -35.1550



203.8710, -101.9160, -36.2520



236.8030, 8.5250, 16.2130

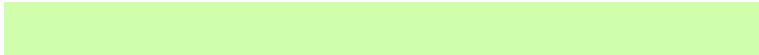


223.0670, 33.4240, -0.0160

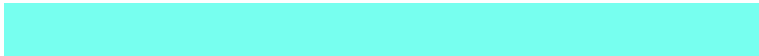


# Rectangle

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



230.7130, -2.0110, -35.1550



212.5120, -75.9200, -33.8080



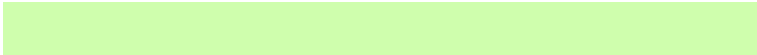
236.8030, 8.5250, 16.2130



225.2280, 17.6940, 20.7500

# Sweetspot

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



230.7130, -2.0110, -35.1550



247.6650, -0.9150, -10.9550



224.2210, 35.6260, -6.8860



123.4850, -0.2280, -6.8840



0.0000, 0.0000, 0.0000

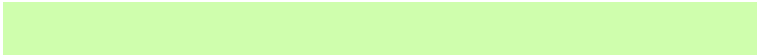


128.0000, -0.0000, -0.0000

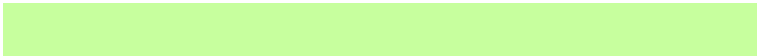


# Same Dimension

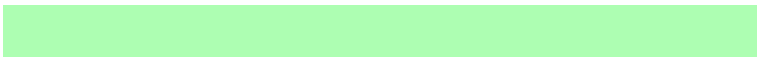
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.7130, -2.0110, -35.1550



227.1980, -2.2390, -42.0390



221.1170, -23.8800, -40.8080



124.1260, -0.5950, -5.7390



136.0370, -4.8450, -82.9330



45.6410, -1.5080, -27.7480



# Inverse Universe

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



196.2870, 2.0110, 35.1550



185.8020, 2.2390, 42.0390



205.8830, 23.8800, 40.8080



118.5750, -0.0010, 5.5270



54.9630, 4.8450, 82.9330

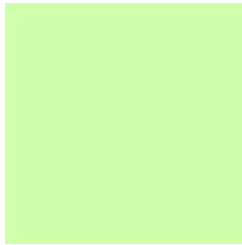


18.3590, 1.5080, 27.7480



# Previews

## White Background



This preview shows how the YIQ color 230.7130, -2.0110, -35.1550 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

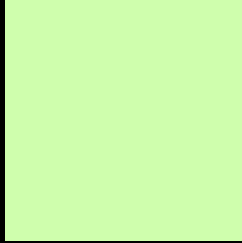
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 230.7130, -2.0110, -35.1550 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

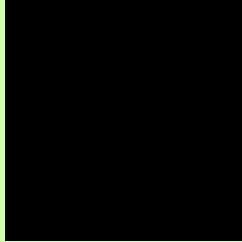
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

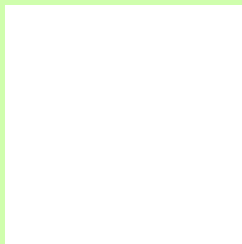
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 230.7130, -2.0110, -35.1550

## Background



This preview shows how black text looks on a background with the YIQ color 230.7130, -2.0110, -35.1550.



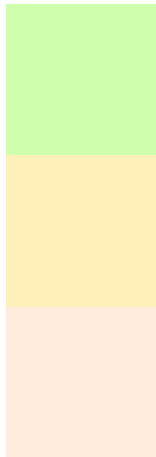
This preview shows how white text looks on a background with the YIQ color 230.7130, -2.0110,

-35.1550.

# 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

230.7130, -2.0110, -35.1550

### Protanopia

237.5140, 27.1910, -13.7130

### Deuteranopia

239.9710, 16.1390, -0.6370



## Tritanopia

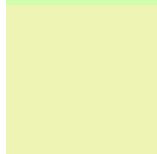
238.9970, -13.1130, 0.8630

# Trichromacy



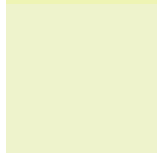
## Original Color

230.7130, -2.0110, -35.1550



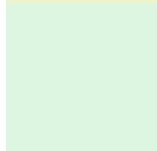
## Protanomaly

234.9100, 16.9680, -21.1760



## Deuteranomaly

237.0590, 9.5390, -13.1890



## Tritanomaly

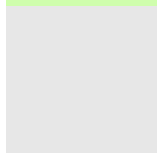
235.8320, -8.7550, -12.0430

# Monochromacy



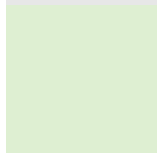
## Original Color

230.7130, -2.0110, -35.1550



## Achromatopsia

231.0000, -0.0000, -0.0000



## Achromatomaly

230.6110, -0.8230, -12.6230

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 230.7130, -2.0110, -35.1550 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(207, 254, 173)` looks like.

```
.text, #text, p{  
    color:rgb(207, 254, 173)  
}
```

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(207, 254, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 254, 173) }
```

## Border

The CSS property to change the border of an element to YIQ 230.7130, -2.0110, -35.1550 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(207, 254, 173) }
```



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

```
.border{ border-color:rgb(207, 254, 173) }
```

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

Here you see how a box with a 4 pixel rgb(207, 254, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 254, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 254, 173);  
box-shadow:4px 4px 4px 4px rgb(207, 254,  
173) }
```

# Background

The CSS property to change the background color of an element to YIQ 230.7130, -2.0110, -35.1550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 254, 173) }
```

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

```
.background{ background-color: rgb(207,  
254, 173) }
```

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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