

Converting Colors

YIQ(230.3450, 1.8410, -38.8870)

Have a look what the booklet for
YIQ(230.3450, 1.8410, -38.8870)
contains.

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Color

**YIQ(230.3450, 1.8410,
-38.8870)**

Conversions

Conversions Part 1

Format	Color
Hex	D0FFA2
RGB	208, 255, 162
RGB Percent	82%, 100%, 64%
CMY	0.1845, 0.0000, 0.3646
CMYK	0.18, 0.00, 0.36, 0.00
HSL	90°, 100%, 82%
HSV	90°, 36%, 100%
XYZ	68.2836, 87.5330, 47.4885
YIQ	230.3450, 1.8410, -38.8870

Conversions

Conversions Part 2

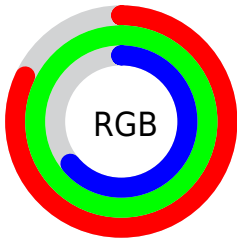
Format	Color
RYB	162, 255, 209
Decimal	13696930
CIELab	94.96, -30.48, 39.64
CIELCh	95, 50.008, 127.554
Yxy	87.5330, 0.3359, 0.4305
Android (android.graphics.Color)	4291887010 (0xFFD0FFA2)
YUV	230.3450, -33.6941, -19.5966
Hunter-Lab	93.5591, -33.4510, 35.3971

Details

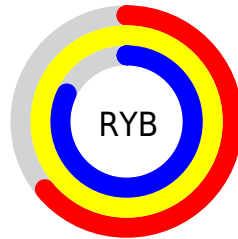
The YIQ color **230.3450, 1.8410, -38.8870** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **186.6550, -1.8410, 38.8870**, and the grayscale version is **231.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **250.7820, 11.8770, -11.5070**, and **174.1000, 1.1530, -37.4310** is the 20% darker color. If you saturate the color by 10%, you get **223.6080, 2.1180, -49.4180**, and if you desaturate by 10%, it is **237.1960, 1.2430, -28.0450**.

Distribution



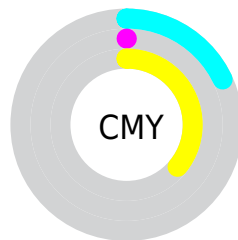
- Red (82%)
- Green (100%)
- Blue (64%)



- Red (64%)
- Yellow (100%)
- Blue (82%)



- Cyan (18%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)



- Cyan (18%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.3450, 1.8410, -38.8870 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 230.3450, 1.8410, -38.8870 by changing the saturation by 10% instead.


 230.3450, 1.8410,
-38.8870


 230.3450, 1.8410,
-38.8870

255.0000, -0.0000,
-0.0000


 201.8720, 1.7950,
-38.0530


 250.7820, 11.8770,
-11.5070

 174.1000, 1.1530,
-37.4310

 254.0880, 2.5680,
-2.4880

 147.3280, 0.5110,
-36.8090

 120.8550, 0.4650,
-35.9750

 94.9690, 0.1440,
-35.6640

 69.3280, 0.5110,
-36.8090

 47.0810, -5.8630,

-31.4230

■ 27.0020, -12.6500,
-24.0580

■ 15.2620, -7.1500,
-13.5980

■ 230.3450, 1.8410,
-38.8870

■ 230.3450, 1.8410,
-38.8870

■ 223.6080, 2.1180,
-49.4180

■ 237.1960, 1.2430,
-28.0450

■ 216.7570, 2.7160,
-60.2600

■ 243.9330, 0.9660,
-17.5140

■ 210.0200, 2.9930,
-70.7910

■ 250.7840, 0.3680,
-6.6720

■ 203.1690, 3.5910,
-81.6330

■ 255.0000, -0.0000,
-0.0000

■ 196.4320, 3.8680,
-92.1640

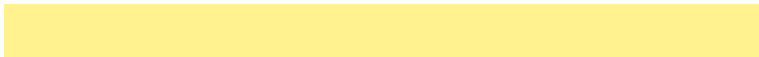
■ 189.8800, 5.0620,
-102.7940

■ 187.3590, 4.9710,
-106.6530

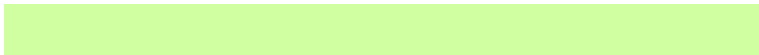
Harmonies

Analogous

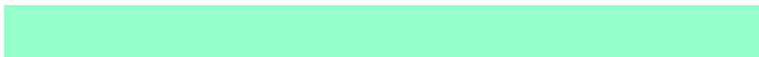
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.6010, 39.5270, -28.0330



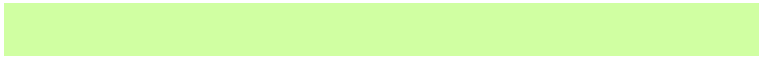
230.3450, 1.8410, -38.8870



216.9650, -46.7590, -39.1670

Triad

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



230.3450, 1.8410, -38.8870



208.9540, -91.7840, -32.6480



221.6260, 22.3250, 19.4210

Complementary

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



230.3450, 1.8410, -38.8870



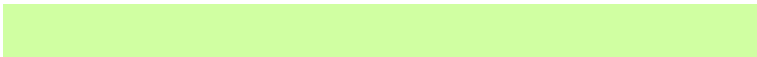
186.6550, -1.8410, 38.8870

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.



227.4110, 12.9250, 24.5810



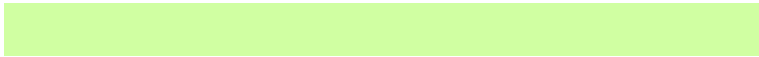
230.3450, 1.8410, -38.8870



227.3470, -34.8900, -6.4580

Square

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



230.3450, 1.8410, -38.8870



178.7550, -151.9800, -54.0600



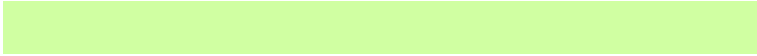
236.2160, 8.8000, 16.7360



220.4910, 35.1660, 1.4540

Rectangle

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



230.3450, 1.8410, -38.8870



206.6740, -85.3640, -38.8680



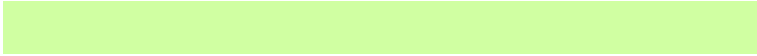
236.2160, 8.8000, 16.7360



223.4500, 17.1890, 24.3970

Sweetspot

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



230.3450, 1.8410, -38.8870



247.6220, 0.6440, -11.6760



217.3960, 42.5030, -4.8650



123.3710, 0.0930, -7.1950



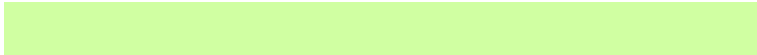
0.0000, 0.0000, 0.0000



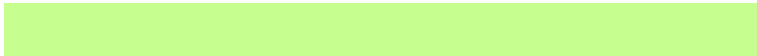
128.0000, -0.0000, -0.0000

Same Dimension

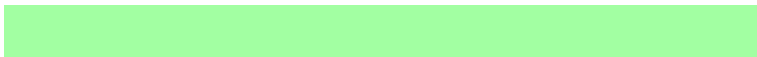
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.3450, 1.8410, -38.8870



225.1890, 1.9800, -46.9160



216.5910, -25.5750, -48.6390



124.4250, 0.0010, -5.5270



140.2230, 3.4990, -79.9650



46.8370, 0.8760, -26.9000

Inverse Universe

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



186.6550, -1.8410, 38.8870



172.8110, -1.9800, 46.9160



200.4090, 25.5750, 48.6390



118.2760, -0.5970, 5.3150



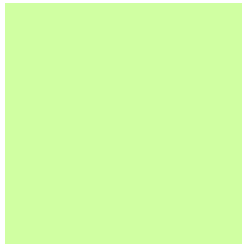
50.7770, -3.4990, 79.9650



16.8640, -1.4720, 26.6880

Previews

White Background



This preview shows how the YIQ color 230.3450, 1.8410, -38.8870 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 230.3450, 1.8410, -38.8870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

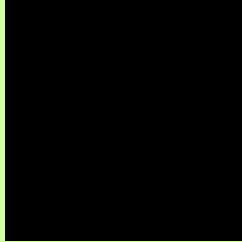
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

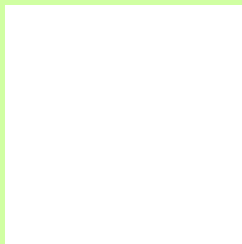
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 230.3450, 1.8410, -38.8870

Background



This preview shows how black text looks on a background with the YIQ color 230.3450, 1.8410, -38.8870.



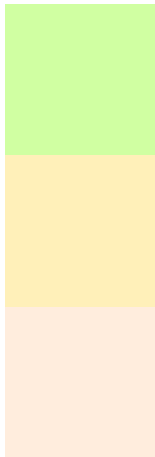
This preview shows how white text looks on a background with the YIQ color 230.3450, 1.8410, -38.8870.

-38.8870.

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

230.3450, 1.8410, -38.8870

Protanopia

238.2150, 26.5950, -13.9250

Deuteranopia

240.5580, 15.8640, -1.1600



Tritanopia

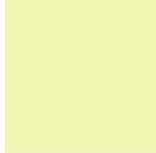
239.5950, -11.9210, 1.2870

Trichromacy



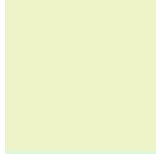
Original Color

230.3450, 1.8410, -38.8870



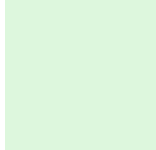
Protanomaly

235.1550, 17.6560, -22.6320



Deuteranomaly

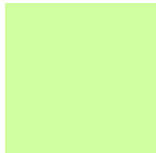
237.1900, 10.5480, -14.9560



Tritanomaly

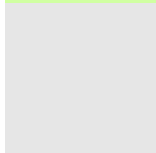
236.2620, -7.1500, -13.5980

Monochromacy



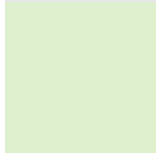
Original Color

230.3450, 1.8410, -38.8870



Achromatopsia

230.0000, -0.0000, 0.0000



Achromatomaly

230.0410, 0.7820, -14.1780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.3450, 1.8410, -38.8870 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(208, 255, 162)` looks like.

```
.text, #text, p{  
    color:rgb(208, 255, 162)  
}
```

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(208, 255, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 255, 162) }
```

Border

The CSS property to change the border of an element to YIQ 230.3450, 1.8410, -38.8870 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(208, 255, 162) }
```


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

```
.border{ border-color:rgb(208, 255, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 255, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 255, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 255, 162);  
box-shadow:4px 4px 4px 4px rgb(208, 255,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 230.3450, 1.8410, -38.8870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 255, 162) }
```

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

```
.background{ background-color: rgb(208,  
255, 162) }
```

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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