

Converting Colors

YIQ(231.9120, 13.4860,
-35.1700)

Have a look what the booklet for
YIQ(231.9120, 13.4860, -35.1700)
contains.

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Color

**YIQ(231.9120, 13.4860,
-35.1700)**

Conversions

Conversions Part 1

Format	Color
Hex	DFFB9D
RGB	223, 251, 157
RGB Percent	87%, 98%, 62%
CMY	0.1256, 0.0156, 0.3842
CMYK	0.11, 0.00, 0.37, 0.02
HSL	78°, 92%, 80%
HSV	78°, 37%, 98%
XYZ	71.0109, 87.1199, 44.9859
YIQ	231.9120, 13.4860, -35.1700

Conversions

Conversions Part 2

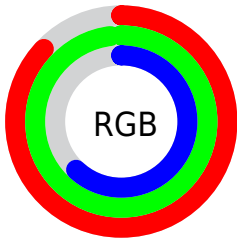
Format	Color
RYB	157, 251, 185
Decimal	14678941
CIELab	94.79, -23.84, 42.06
CIElCh	95, 48.344, 119.550
Yxy	87.1199, 0.3496, 0.4289
Android (android.graphics.Color)	4292869021 (0xFFDFFB9D)
YUV	231.9120, -36.9316, -7.8158
Hunter-Lab	93.3380, -27.5400, 36.7608

Details

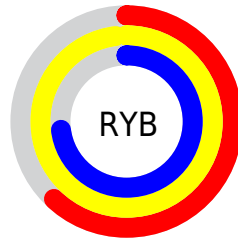
The YIQ color **231.9120, 13.4860, -35.1700** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **176.0880, -13.4860, 35.1700**, and the grayscale version is **232.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **250.2120, 13.4820, -13.0620**, and **175.6670, 12.7980, -33.7140** is the 20% darker color. If you saturate the color by 10%, you get **226.6700, 16.7430, -44.6410**, and if you desaturate by 10%, it is **236.8550, 9.6330, -25.9110**.

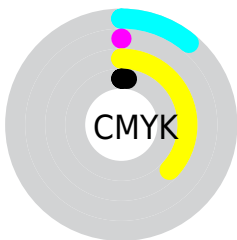
Distribution



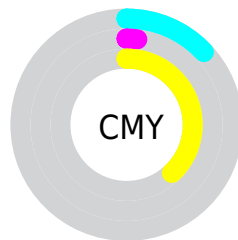
- Red (87%)
- Green (98%)
- Blue (62%)



- Red (62%)
- Yellow (98%)
- Blue (73%)



- Cyan (11%)
- Magenta (0%)
- Yellow (37%)
- Black (2%)



- Cyan (13%)
- Magenta (2%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.9120, 13.4860, -35.1700 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 231.9120, 13.4860, -35.1700 by changing the saturation by 10% instead.

231.9120, 13.4860,
-35.1700

231.9120, 13.4860,
-35.1700

255.0000, -0.0000,
-0.0000

203.1400, 12.8440,
-34.5480

250.2120, 13.4820,
-13.0620

175.6670, 12.7980,
-33.7140

253.4040, 4.4940,
-4.3540

148.5960, 11.5600,
-33.3040

122.7100, 11.2390,
-32.9930

96.7100, 11.2390,
-32.9930

71.3680, 12.2020,
-33.9260

50.6910, 4.2230,

-26.9850

■ 28.8180, -6.1400,
-20.8920

■ 14.6750, -6.8750,
-13.0750

■ 231.9120, 13.4860,
-35.1700

■ 231.9120, 13.4860,
-35.1700

■ 226.6700, 16.7430,
-44.6410

■ 236.8550, 9.6330,
-25.9110

■ 221.7270, 20.5960,
-53.9000

■ 242.0970, 6.3760,
-16.4400

■ 216.4850, 23.8530,
-63.3710

■ 247.0400, 2.5230,
-7.1810

■ 211.5420, 27.7060,
-72.6300

■ 252.0540, -0.0920,
1.6680

■ 206.5990, 31.5590,
-81.8890

■ 252.6520, 1.1000,
2.0920

■ 201.2430, 35.1370,
-91.6710

■ 199.9610, 35.8710,
-93.9610

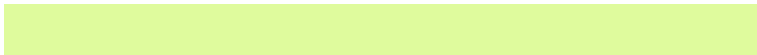
Harmonies

Analogous

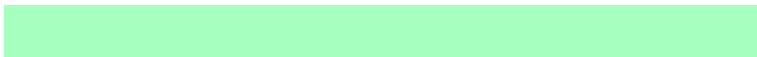
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.0080, 39.9390, -24.4850



231.9120, 13.4860, -35.1700



221.3920, -31.9040, -38.5600

Triad

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



231.9120, 13.4860, -35.1700



205.0670, -99.5320, -35.4040



223.6950, 17.8770, 22.9410

Complementary

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



231.9120, 13.4860, -35.1700



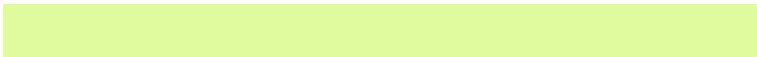
176.0880, -13.4860, 35.1700

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.



229.7590, 11.8250, 22.4890



231.9120, 13.4860, -35.1700



224.0140, -47.3140, -12.5780

Square

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



231.9120, 13.4860, -35.1700



191.3130, -126.9480, -45.1560



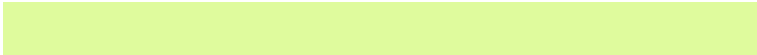
235.8620, 0.8690, 11.7890



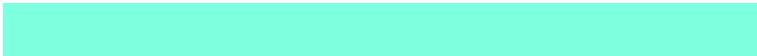
220.0980, 32.1390, 6.7550

Rectangle

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



231.9120, 13.4860, -35.1700



212.6670, -66.2910, -37.6110



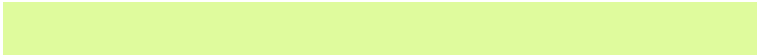
235.8620, 0.8690, 11.7890



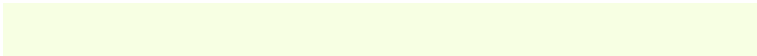
225.6500, 13.7500, 26.1500

Sweetspot

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



231.9120, 13.4860, -35.1700



249.4160, 4.2200, -10.4040



200.9550, 48.5990, 5.8070



124.5670, 2.4770, -6.3470



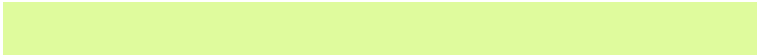
0.0000, 0.0000, 0.0000



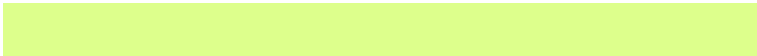
128.0000, -0.0000, -0.0000

Same Dimension

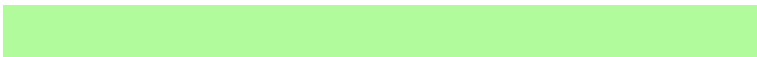
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.9120, 13.4860, -35.1700



231.7240, 16.6510, -42.9730



218.1580, -13.9300, -44.9220



122.3220, 1.7890, -4.8910



150.4110, 26.6970, -70.8630



48.6640, 8.8530, -22.7870

Inverse Universe

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



176.0880, -13.4860, 35.1700



163.2760, -16.6510, 42.9730



189.8420, 13.9300, 44.9220



114.6780, -1.7890, 4.8910



38.2900, -27.2930, 70.6510



12.3360, -8.8530, 22.7870

Previews

White Background



This preview shows how the YIQ color 231.9120, 13.4860, -35.1700 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 231.9120, 13.4860, -35.1700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

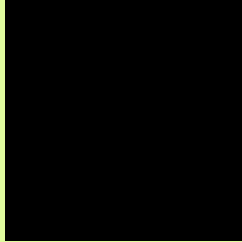
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

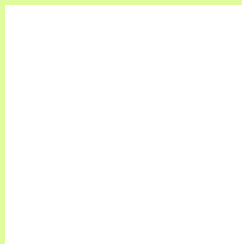
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 231.9120, 13.4860, -35.1700

Background



This preview shows how black text looks on a background with the YIQ color 231.9120, 13.4860, -35.1700.



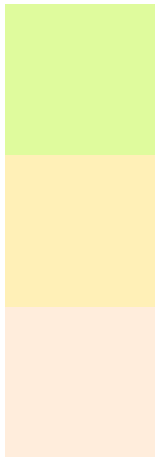
This preview shows how white text looks on a background with the YIQ color 231.9120, 13.4860,

-35.1700.

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

231.9120, 13.4860, -35.1700

Protanopia

237.9870, 27.2370, -14.5470

Deuteranopia

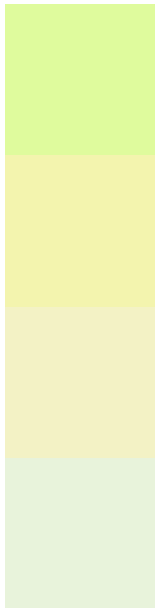
240.4440, 16.1850, -1.4710



Tritanopia

240.2260, -6.3280, 4.5520

Trichromacy



Original Color

231.9120, 13.4860, -35.1700

Protanomaly

235.7210, 21.8740, -21.9820

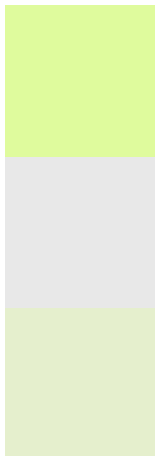
Deuteranomaly

237.1690, 15.0410, -13.7830

Tritanomaly

236.9750, 1.1480, -9.7960

Monochromacy



Original Color

231.9120, 13.4860, -35.1700

Achromatopsia

232.0000, -0.0000, 0.0000

Achromatomaly

232.1340, 4.9540, -12.6940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.9120, 13.4860, -35.1700 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(223, 251, 157)` looks like.

```
.text, #text, p{  
    color:rgb(223, 251, 157)  
}
```

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(223, 251, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 251, 157) }
```

Border

The CSS property to change the border of an element to YIQ 231.9120, 13.4860, -35.1700 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(223, 251, 157) }
```


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

```
.border{ border-color:rgb(223, 251, 157) }
```

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

Here you see how a box with a 4 pixel rgb(223, 251, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 251, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 251, 157);  
box-shadow:4px 4px 4px 4px rgb(223, 251,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 231.9120, 13.4860, -35.1700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 251, 157) }
```

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

```
.background{ background-color: rgb(223,  
251, 157) }
```

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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