

Converting Colors

YIQ(229.9550, 11.9270,
-34.4490)

Have a look what the booklet for
YIQ(229.9550, 11.9270, -34.4490)
contains.

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Color

**YIQ(229.9550, 11.9270,
-34.4490)**

Conversions

Conversions Part 1

Format	Color
Hex	DCF99E
RGB	220, 249, 158
RGB Percent	86%, 98%, 62%
CMY	0.1374, 0.0235, 0.3803
CMYK	0.12, 0.00, 0.37, 0.02
HSL	79°, 88%, 80%
HSV	79°, 37%, 98%
XYZ	69.5590, 85.4391, 45.1866
YIQ	229.9550, 11.9270, -34.4490

Conversions

Conversions Part 2

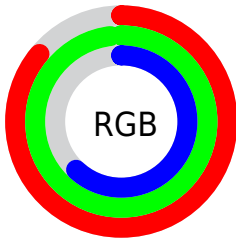
Format	Color
RYB	158, 249, 187
Decimal	14481822
CIELab	94.07, -23.86, 40.60
CIELCh	94, 47.093, 120.448
Yxy	85.4391, 0.3475, 0.4268
Android (android.graphics.Color)	4292671902 (0xFFDCF99E)
YUV	229.9550, -35.4738, -8.7305
Hunter-Lab	92.4332, -27.4311, 35.7190

Details

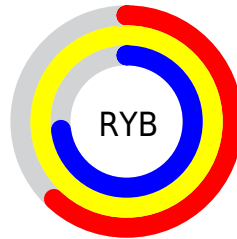
The YIQ color **229.9550, 11.9270, -34.4490** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **177.0450, -11.9270, 34.4490**, and the grayscale version is **230.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **250.3260, 13.1610, -12.7510**, and **174.2970, 10.9640, -33.5160** is the 20% darker color. If you saturate the color by 10%, you get **224.7130, 15.1840, -43.9200**, and if you desaturate by 10%, it is **235.1970, 8.6700, -24.9780**.

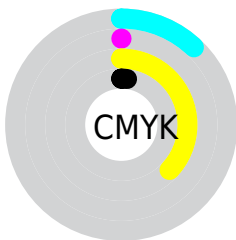
Distribution



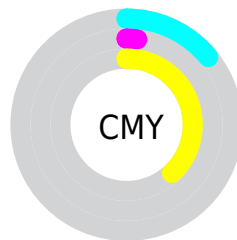
- Red (86%)
- Green (98%)
- Blue (62%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (37%)
- Black (2%)



- Cyan (14%)
- Magenta (2%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.9550, 11.9270, -34.4490 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 229.9550, 11.9270, -34.4490 by changing the saturation by 10% instead.

■ 229.9550, 11.9270,
-34.4490

■ 229.9550, 11.9270,
-34.4490

■ 255.0000, -0.0000,
-0.0000

■ 201.4820, 11.8810,
-33.6150

■ 250.3260, 13.1610,
-12.7510

■ 174.2970, 10.9640,
-33.5160

■ 253.5180, 4.1730,
-4.0430

■ 146.9380, 10.5970,
-32.3710

■ 120.7530, 9.6800,
-32.2720

■ 94.8670, 9.3590,
-31.9610

■ 69.9980, 10.3680,
-33.7280

■ 48.9190, 3.5810,

-26.3630

■ 27.6330, -7.0570,
-20.7930

■ 13.5010, -6.3250,
-12.0290

■ 229.9550, 11.9270,
-34.4490

■ 229.9550, 11.9270,
-34.4490

■ 224.7130, 15.1840,
-43.9200

■ 235.1970, 8.6700,
-24.9780

■ 219.4710, 18.4410,
-53.3910

■ 240.4390, 5.4130,
-15.5070

■ 214.2290, 21.6980,
-62.8620

■ 245.6810, 2.1560,
-6.0360

■ 208.9870, 24.9550,
-72.3330

■ 250.5810, -0.1380,
2.5020

■ 203.8590, 27.8910,
-81.4930

■ 251.4780, 1.6500,
3.1380

■ 198.6170, 31.1480,
-90.9640

■ 196.9930, 32.8450,
-94.1870

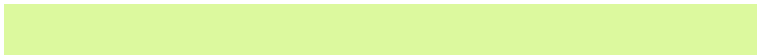
Harmonies

Analogous

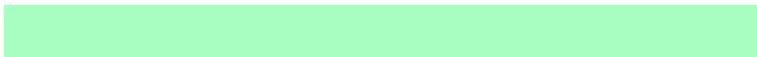
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.8340, 40.4890, -23.4390



229.9550, 11.9270, -34.4490



221.2070, -32.8210, -38.4610

Triad

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



229.9550, 11.9270, -34.4490



206.8720, -94.4890, -33.1850



222.6520, 19.4360, 22.2200

Complementary

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



229.9550, 11.9270, -34.4490



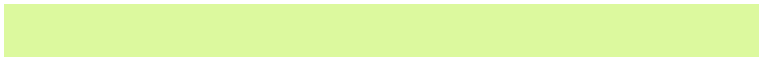
177.0450, -11.9270, 34.4490

Split Complementary

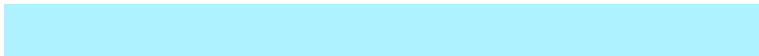
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.1720, 12.1000, 23.0120



229.9550, 11.9270, -34.4490



223.1500, -44.7010, -10.3730

Square

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



229.9550, 11.9270, -34.4490



194.9010, -119.7960, -42.6120



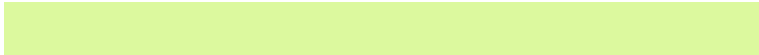
234.6880, 1.4190, 12.8350



219.8700, 32.7810, 6.1330

Rectangle

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



229.9550, 11.9270, -34.4490



212.5530, -65.9700, -37.9220



234.6880, 1.4190, 12.8350



224.9490, 14.3460, 26.3620

Sweetspot

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



229.9550, 11.9270, -34.4490



249.1170, 3.6240, -10.6160



202.2320, 46.2610, 4.1250



124.2680, 1.8810, -6.5590



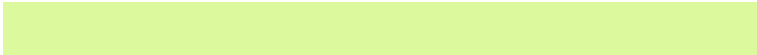
0.0000, 0.0000, 0.0000



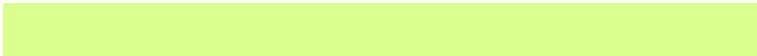
128.0000, -0.0000, -0.0000

Same Dimension

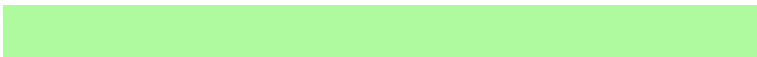
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.9550, 11.9270, -34.4490



231.4680, 14.4960, -42.4640



216.5000, -14.8930, -43.9890



122.3220, 1.7890, -4.8910



149.2150, 24.3130, -71.7110



48.3650, 8.2570, -22.9990

Inverse Universe

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



177.0450, -11.9270, 34.4490



166.5320, -14.4960, 42.4640



190.5000, 14.8930, 43.9890



114.6780, -1.7890, 4.8910



39.4860, -24.9090, 71.4990



12.9340, -7.6610, 23.2110

Previews

White Background



This preview shows how the YIQ color 229.9550, 11.9270, -34.4490 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 229.9550, 11.9270, -34.4490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

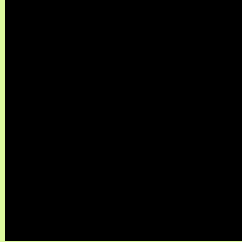
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

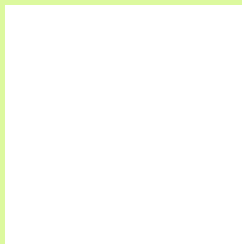
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 229.9550, 11.9270, -34.4490

Background



This preview shows how black text looks on a background with the YIQ color 229.9550, 11.9270, -34.4490.



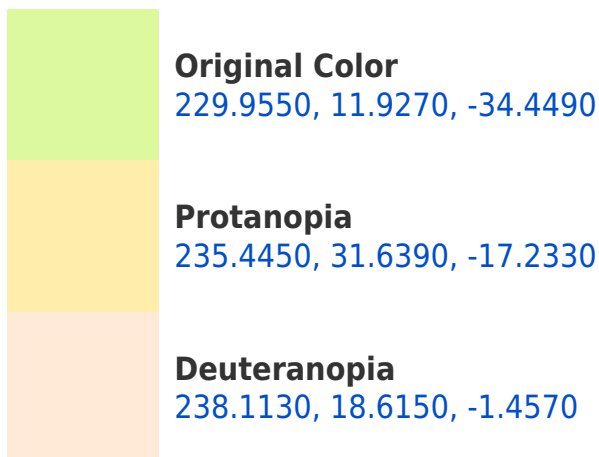
This preview shows how white text looks on a background with the YIQ color 229.9550, 11.9270, -34.4490.

-34.4490.

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





Tritanopia

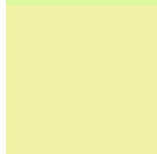
237.8560, -8.1620, 4.7500

Trichromacy



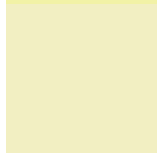
Original Color

229.9550, 11.9270, -34.4490



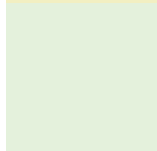
Protanomaly

233.3360, 24.3960, -23.6360



Deuteranomaly

234.7670, 16.2330, -13.3590



Tritanomaly

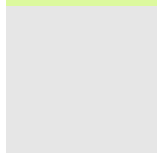
234.7190, -1.0070, -9.2870

Monochromacy



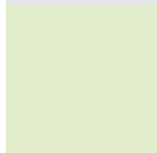
Original Color

229.9550, 11.9270, -34.4490



Achromatopsia

230.0000, -0.0000, 0.0000



Achromatomaly

229.9490, 4.0370, -12.5950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.9550, 11.9270, -34.4490 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(220, 249, 158)` looks like.

```
.text, #text, p{  
    color:rgb(220, 249, 158)  
}
```

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(220, 249, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 249, 158) }
```

Border

The CSS property to change the border of an element to YIQ 229.9550, 11.9270, -34.4490 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(220, 249, 158) }
```


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

```
.border{ border-color:rgb(220, 249, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 249, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 249, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 249, 158);  
box-shadow:4px 4px 4px 4px rgb(220, 249,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 229.9550, 11.9270, -34.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 249, 158) }
```

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

```
.background{ background-color: rgb(220,  
249, 158) }
```

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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