

Converting Colors

YIQ(229.3170, 16.2390,
-46.5210)

Have a look what the booklet for
YIQ(229.3170, 16.2390, -46.5210)
contains.

YIQ(229.3170, 16.2390, -46.5210)	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(229.3170, 16.2390,
-46.5210)**

Conversions

Conversions Part 1

Format	Color
Hex	D8FF84
RGB	216, 255, 132
RGB Percent	85%, 100%, 52%
CMY	0.1531, 0.0000, 0.4822
CMYK	0.15, 0.00, 0.48, 0.00
HSL	79°, 100%, 76%
HSV	79°, 48%, 100%
XYZ	68.2338, 87.7794, 35.1912
YIQ	229.3170, 16.2390, -46.5210

Conversions

Conversions Part 2

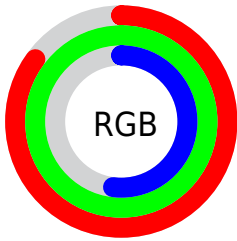
Format	Color
RYB	132, 255, 171
Decimal	14221188
CIELab	95.07, -31.04, 54.24
CIELCh	95, 62.496, 119.778
Yxy	87.7794, 0.3569, 0.4591
Android (android.graphics.Color)	4292411268 (0xFFD8FF84)
YUV	229.3170, -47.9773, -11.6790
Hunter-Lab	93.6907, -33.9593, 43.3135

Details

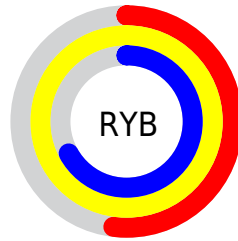
The YIQ color **229.3170, 16.2390, -46.5210** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **157.6830, -16.2390, 46.5210**, and the grayscale version is **230.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **247.2480, 21.8280, -21.1480**, and **172.7730, 14.9550, -45.2770** is the 20% darker color. If you saturate the color by 10%, you get **224.0750, 19.4960, -55.9920**, and if you desaturate by 10%, it is **234.6730, 12.6610, -36.7390**.

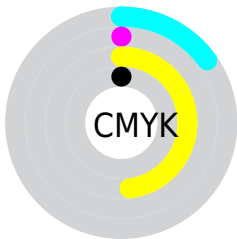
Distribution



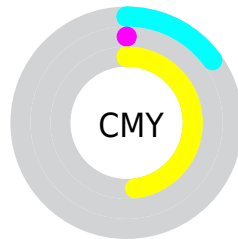
- Red (85%)
- Green (100%)
- Blue (52%)



- Red (52%)
- Yellow (100%)
- Blue (67%)



- Cyan (15%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.3170, 16.2390, -46.5210 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 229.3170, 16.2390, -46.5210 by changing the saturation by 10% instead.

229.3170, 16.2390,
-46.5210

229.3170, 16.2390,
-46.5210

255.0000, -0.0000,
-0.0000

200.5450, 15.5970,
-45.8990

247.2480, 21.8280,
-21.1480

172.7730, 14.9550,
-45.2770

250.5540, 12.5190,
-12.1290

145.4740, 14.3590,
-45.4890

253.8600, 3.2100,
-3.1100

118.0180, 15.6430,
-46.7330

92.2890, 13.4420,
-45.3900

69.8400, 4.8210,
-37.8270

47.3800, -5.2670,

-31.2110

■ 27.5890, -12.9250,
-24.5810

■ 15.2620, -7.1500,
-13.5980

■ 229.3170, 16.2390,
-46.5210

■ 229.3170, 16.2390,
-46.5210

■ 224.0750, 19.4960,
-55.9920

■ 234.6730, 12.6610,
-36.7390

■ 218.7190, 23.0740,
-65.7740

■ 239.9150, 9.4040,
-27.2680

■ 213.4770, 26.3310,
-75.2450

■ 245.2710, 5.8260,
-17.4860

■ 208.1210, 29.9090,
-85.0270

■ 250.5130, 2.5690,
-8.0150

■ 202.5800, 32.5700, 255.0000, -0.0000,
-94.7100 -0.0000

■ 201.7110, 33.5790,
-96.4770

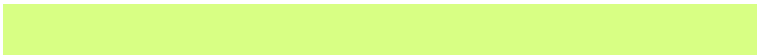
Harmonies

Analogous

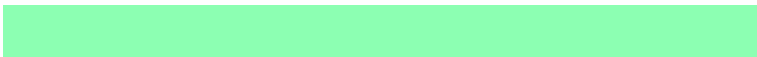
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.7020, 49.2480, -33.5040



229.3170, 16.2390, -46.5210



211.8370, -43.8230, -48.3270

Triad

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



229.3170, 16.2390, -46.5210



178.7550, -151.9800, -54.0600



216.1780, 21.1310, 30.0510

Complementary

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



229.3170, 16.2390, -46.5210



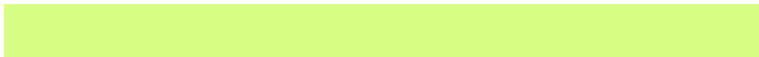
157.6830, -16.2390, 46.5210

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.



224.4760, 14.3000, 27.1960



229.3170, 16.2390, -46.5210



214.1250, -69.9160, -21.4680

Square

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



229.3170, 16.2390, -46.5210



178.7550, -151.9800, -54.0600



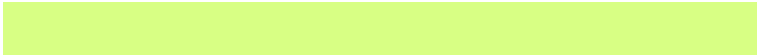
234.1010, 1.6940, 13.3580



212.2730, 39.0160, 8.7760

Rectangle

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



229.3170, 16.2390, -46.5210



191.7650, -105.2140, -53.5820



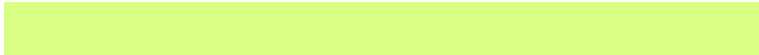
234.1010, 1.6940, 13.3580



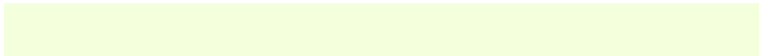
218.6060, 17.0500, 32.4260

Sweetspot

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



229.3170, 16.2390, -46.5210



247.6070, 5.0000, -13.5280



191.6700, 62.5830, 5.6790



123.3990, 2.8900, -8.3260



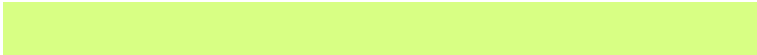
0.0000, 0.0000, 0.0000



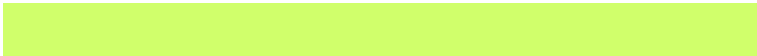
128.0000, -0.0000, -0.0000

Same Dimension

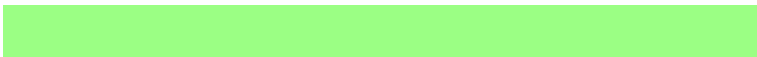
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.3170, 16.2390, -46.5210



224.0750, 19.4960, -55.9920



211.0780, -20.1170, -59.4530



125.0230, 1.1930, -5.1030



151.2860, 25.5510, -72.1210



50.7240, 8.6240, -24.1440

Inverse Universe

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



157.6830, -16.2390, 46.5210



137.9250, -19.4960, 55.9920



175.9220, 20.1170, 59.4530



117.6780, -1.7890, 4.8910



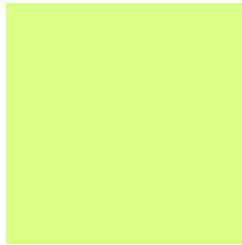
40.0130, -24.9550, 72.3330



13.2760, -8.6240, 24.1440

Previews

White Background



This preview shows how the YIQ color 229.3170, 16.2390, -46.5210 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 229.3170, 16.2390, -46.5210 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

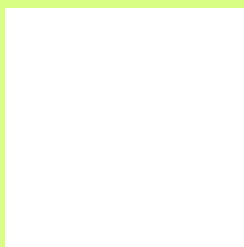
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 229.3170, 16.2390, -46.5210

Background



This preview shows how black text looks on a background with the YIQ color 229.3170, 16.2390, -46.5210.



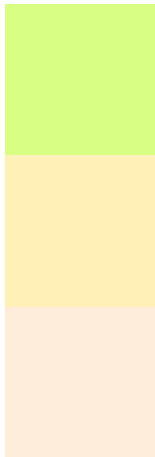
This preview shows how white text looks on a background with the YIQ color 229.3170, 16.2390,

-46.5210.

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

229.3170, 16.2390, -46.5210

Protanopia

238.1010, 26.9160, -14.2360

Deuteranopia

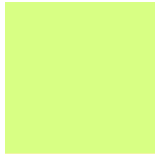
240.3300, 16.5060, -1.7820



Tritanopia

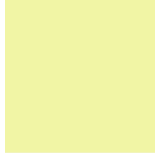
240.5030, -8.6660, 2.8700

Trichromacy



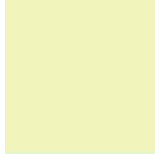
Original Color

229.3170, 16.2390, -46.5210



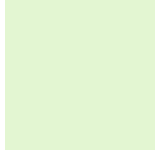
Protanomaly

234.6840, 23.2960, -25.7280



Deuteranomaly

236.6050, 16.5090, -18.3630



Tritanomaly

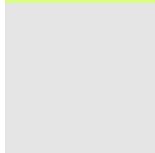
236.2150, 0.2320, -15.2240

Monochromacy



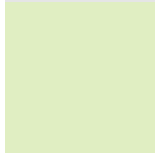
Original Color

229.3170, 16.2390, -46.5210



Achromatopsia

229.0000, -0.0000, -0.0000



Achromatomaly

228.7980, 5.7800, -16.6520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.3170, 16.2390, -46.5210 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(216, 255, 132)` looks like.

```
.text, #text, p{  
    color:rgb(216, 255, 132)  
}
```

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(216, 255, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 255, 132) }
```

Border

The CSS property to change the border of an element to YIQ 229.3170, 16.2390, -46.5210 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(216, 255, 132) }
```


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

```
.border{ border-color:rgb(216, 255, 132) }
```

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

Here you see how a box with a 4 pixel rgb(216, 255, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 255, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 255, 132);  
box-shadow:4px 4px 4px 4px rgb(216, 255,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 229.3170, 16.2390, -46.5210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 255, 132) }
```

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

```
.background{ background-color: rgb(216,  
255, 132) }
```

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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