

Converting Colors

YIQ(232.5610, 1.4730, -32.2150)

Have a look what the booklet for
YIQ(232.5610, 1.4730, -32.2150)
contains.

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Color

**YIQ(232.5610, 1.4730,
-32.2150)**

Conversions

Conversions Part 1

Format	Color
Hex	D6FDB0
RGB	214, 253, 176
RGB Percent	84%, 99%, 69%
CMY	0.1609, 0.0078, 0.3097
CMYK	0.15, 0.00, 0.30, 0.01
HSL	90°, 95%, 84%
HSV	90°, 30%, 99%
XYZ	70.6896, 87.6868, 54.2825
YIQ	232.5610, 1.4730, -32.2150

Conversions

Conversions Part 2

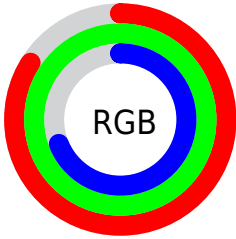
Format	Color
RYB	176, 253, 215
Decimal	14089648
CIELab	95.03, -25.56, 32.84
CIElCh	95, 41.619, 127.893
Yxy	87.6868, 0.3324, 0.4123
Android (android.graphics.Color)	4292279728 (0xFFD6FDB0)
YUV	232.5610, -27.8846, -16.2780
Hunter-Lab	93.6412, -29.1228, 31.1793

Details

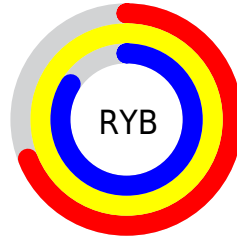
The YIQ color $232.5610, 1.4730, -32.2150$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $196.4390, -1.4730, 32.2150$, and the grayscale version is $233.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $252.3780, 7.3830, -7.1530$, and $176.3160, 0.7850, -30.7590$ is the 20% darker color. If you saturate the color by 10%, you get $225.8240, 1.7500, -42.7460$, and if you desaturate by 10%, it is $239.2980, 1.1960, -21.6840$.

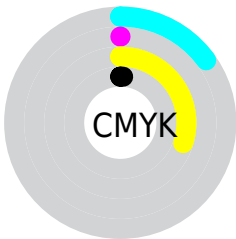
Distribution



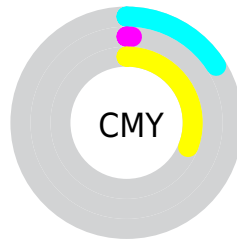
- Red (84%)
- Green (99%)
- Blue (69%)



- Red (69%)
- Yellow (99%)
- Blue (84%)



- Cyan (15%)
- Magenta (0%)
- Yellow (30%)
- Black (1%)





- Cyan (16%)
- Magenta (1%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 232.5610, 1.4730, -32.2150 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 232.5610, 1.4730, -32.2150 by changing the saturation by 10% instead.


 232.5610, 1.4730,
-32.2150

 232.5610, 1.4730,
-32.2150


255.0000, -0.0000,
-0.0000


 204.0880, 1.4270,
-31.3810


 252.3780, 7.3830,
-7.1530

 176.3160, 0.7850,
-30.7590

 149.7290, 1.0600,
-30.2360

 123.0710, 0.0970,
-29.3030

 98.1850, -0.2240,
-28.9920

 73.2990, -0.5450,
-28.6810

 49.1850, -0.2240,

-28.9920

■ 28.2090, -8.7990,
-22.2630

■ 15.2620, -7.1500,
-13.5980

■ 232.5610, 1.4730,
-32.2150

■ 232.5610, 1.4730,
-32.2150

■ 225.8240, 1.7500,
-42.7460

■ 239.2980, 1.1960,
-21.6840

■ 218.9730, 2.3480,
-53.5880

■ 246.1490, 0.5980,
-10.8420

■ 212.2360, 2.6250,
-64.1190

■ 252.5870, -0.2750,
-0.5230

■ 205.7980, 3.4980,
-74.4380

■ 253.8260, 0.5500,
1.0460

■ 199.0610, 3.7750,
-84.9690

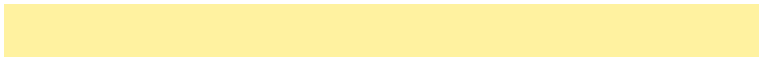
■ 192.2100, 4.3730,
-95.8110

■ 185.8860, 4.9250,
-105.8190

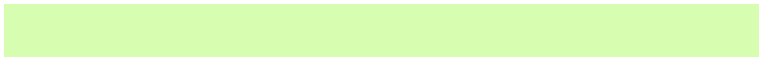
Harmonies

Analogous

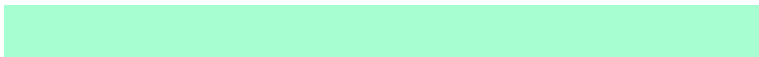
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.5390, 34.0700, -22.7460



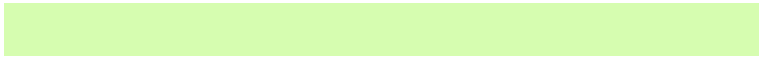
232.5610, 1.4730, -32.2150



223.1450, -38.2780, -33.1740

Triad

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



232.5610, 1.4730, -32.2150



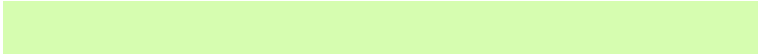
220.0390, -66.7980, -22.9100



225.8490, 20.0790, 16.0710

Complementary

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



232.5610, 1.4730, -32.2150



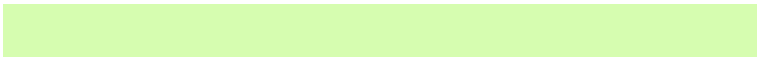
196.4390, -1.4730, 32.2150

Split Complementary

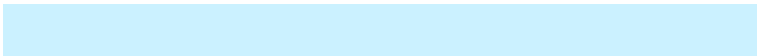
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.5200, 11.0000, 20.9200



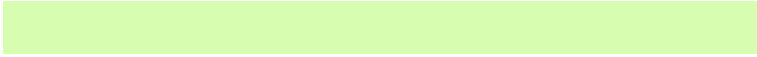
232.5610, 1.4730, -32.2150



231.2340, -27.1420, -3.7020

Square

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



232.5610, 1.4730, -32.2150



210.1500, -89.4000, -31.8000



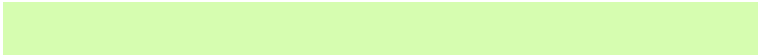
238.5640, 7.7000, 14.6440



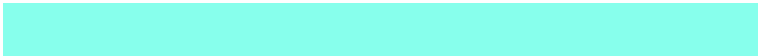
225.0390, 30.6270, 1.1150

Rectangle

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



232.5610, 1.4730, -32.2150



216.9540, -65.4210, -31.3490



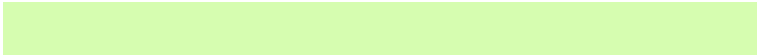
238.5640, 7.7000, 14.6440



228.0320, 15.3100, 19.9020

Sweetspot

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



232.5610, 1.4730, -32.2150



248.7900, 0.2310, -9.6970



221.9160, 35.1670, -4.0730



123.8980, 0.0470, -6.3610



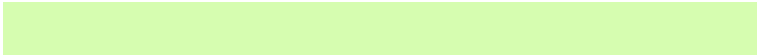
0.0000, 0.0000, 0.0000



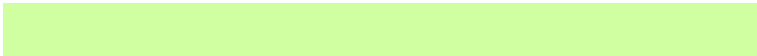
128.0000, -0.0000, -0.0000

Same Dimension

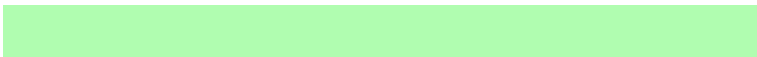
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.5610, 1.4730, -32.2150



229.9320, 1.5660, -39.4100



221.1990, -21.1750, -40.2710



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.



196.4390, -1.4730, 32.2150



186.0680, -1.5660, 39.4100



207.8010, 21.1750, 40.2710



118.2760, -0.5970, 5.3150



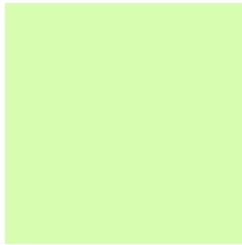
50.7770, -3.4990, 79.9650



16.8640, -1.4720, 26.6880

Previews

White Background



This preview shows how the YIQ color 232.5610, 1.4730, -32.2150 looks on a white background.

Color Contrast Check

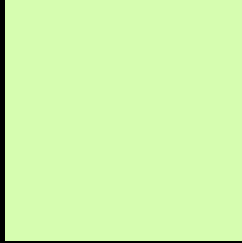
Large Text (above 18pt) WCAG AA × Fail

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 232.5610, 1.4730, -32.2150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

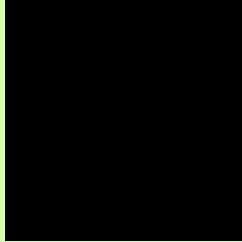
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

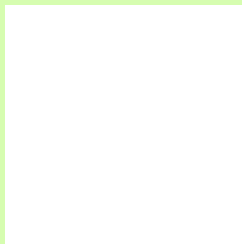
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 232.5610, 1.4730, -32.2150

Background



This preview shows how black text looks on a background with the YIQ color 232.5610, 1.4730, -32.2150.



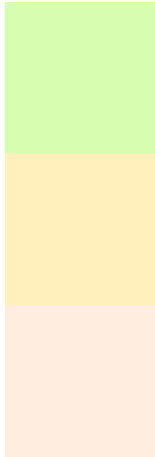
This preview shows how white text looks on a background with the YIQ color 232.5610, 1.4730,

-32.2150.

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

232.5610, 1.4730, -32.2150

Protanopia

238.5570, 25.6320, -12.9920

Deuteranopia

240.7860, 15.2220, -0.5380



Tritanopia

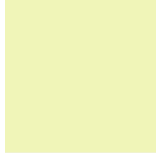
240.1930, -10.7290, 1.7110

Trichromacy



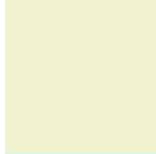
Original Color

232.5610, 1.4730, -32.2150



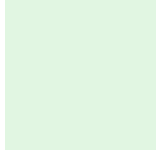
Protanomaly

236.5510, 16.6010, -20.0310



Deuteranomaly

237.8850, 10.0890, -12.1430



Tritanomaly

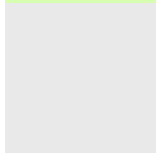
237.4410, -6.0960, -10.6720

Monochromacy



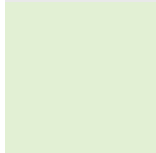
Original Color

232.5610, 1.4730, -32.2150



Achromatopsia

233.0000, -0.0000, -0.0000



Achromatomaly

232.6220, 0.6440, -11.6760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 232.5610, 1.4730, -32.2150 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(214, 253, 176)` looks like.

```
.text, #text, p{  
    color:rgb(214, 253, 176)  
}
```

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(214, 253, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 253, 176) }
```

Border

The CSS property to change the border of an element to YIQ 232.5610, 1.4730, -32.2150 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(214, 253, 176) }
```


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

```
.border{ border-color:rgb(214, 253, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 253, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 253, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 253, 176);  
box-shadow:4px 4px 4px 4px rgb(214, 253,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 232.5610, 1.4730, -32.2150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 253, 176) }
```

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

```
.background{ background-color: rgb(214,  
253, 176) }
```

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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