

Converting Colors

YIQ(235.5590, -4.2130,
-28.2850)

Have a look what the booklet for
YIQ(235.5590, -4.2130, -28.2850)
contains.

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Color

**YIQ(235.5590, -4.2130,
-28.2850)**

Conversions

Conversions Part 1

Format	Color
Hex	D6FFC0
RGB	214, 255, 192
RGB Percent	84%, 100%, 75%
CMY	0.1609, 0.0000, 0.2470
CMYK	0.16, 0.00, 0.25, 0.00
HSL	99°, 100%, 88%
HSV	99°, 25%, 100%
XYZ	72.9967, 89.6170, 63.3244
YIQ	235.5590, -4.2130, -28.2850

Conversions

Conversions Part 2

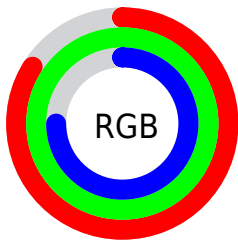
Format	Color
RYB	192, 255, 233
Decimal	14090176
CIELab	95.84, -24.17, 25.88
CIElCh	96, 35.413, 133.044
Yxy	89.6170, 0.3231, 0.3966
Android (android.graphics.Color)	4292280256 (0xFFD6FFC0)
YUV	235.5590, -21.4746, -18.9072
Hunter-Lab	94.6663, -28.0255, 26.6060

Details

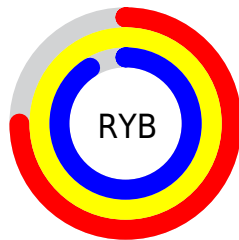
The YIQ color $235.5590, -4.2130, -28.2850$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $211.4410, 4.2130, 28.2850$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $254.3160, 1.9260, -1.8660$, and $179.4990, -3.9840, -26.9280$ is the 20% darker color. If you saturate the color by 10%, you get $227.6260, -6.3200, -39.6640$, and if you desaturate by 10%, it is $243.6060, -2.4270, -16.5950$.

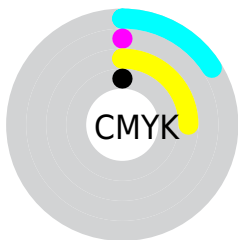
Distribution



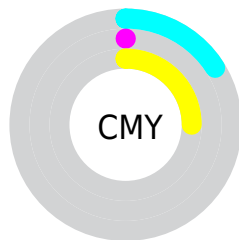
- Red (84%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (91%)



- Cyan (16%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)




- Cyan (16%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.5590, -4.2130, -28.2850 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 235.5590, -4.2130, -28.2850 by changing the saturation by 10% instead.


 235.5590, -4.2130,
-28.2850


 235.5590, -4.2130,
-28.2850

255.0000, -0.0000,
-0.0000


 207.0860, -4.2590,
-27.4510


 254.3160, 1.9260,
-1.8660

 179.4990, -3.9840,
-26.9280

 152.6130, -4.3050,
-26.6170

 126.2540, -4.6720,
-25.4720

 100.7810, -4.7180,
-24.6380

 76.3080, -4.7640,
-23.8040

 53.0090, -5.3600,

-24.0160

■ 30.8780, -6.3690,
-22.2490

■ 16.4360, -7.7000,
-14.6440

■ 235.5590, -4.2130,
-28.2850

■ 235.5590, -4.2130,
-28.2850

■ 227.6260, -6.3200,
-39.6640

■ 243.6060, -2.4270,
-16.5950

■ 219.8780, -7.5100,
-51.1420

■ 251.2400, -0.9160,
-5.4280

■ 211.9450, -9.6170,
-62.5210

■ 255.0000, -0.0000,
-0.0000

■ 204.1970,
-10.8070, -73.9990

■ 196.2640,
-12.9140, -85.3780

■ 188.2170,
-14.7000, -97.0680

■ 180.5830,
-16.2110, -108.2350

■ 176.2960,
-17.0810, -114.4970

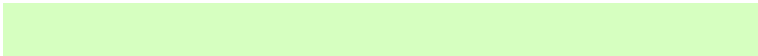
Harmonies

Analogous

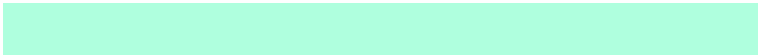
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.1130, 26.6420, -20.2860



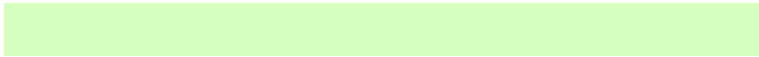
235.5590, -4.2130, -28.2850



227.3180, -37.0870, -27.2230

Triad

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



235.5590, -4.2130, -28.2850



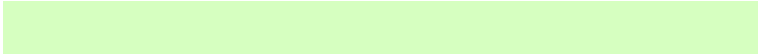
228.7210, -48.0470, -15.8150



230.3170, 18.5210, 11.2650

Complementary

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



235.5590, -4.2130, -28.2850



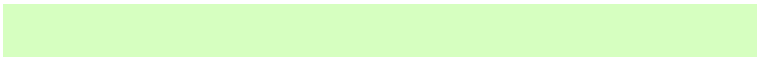
211.4410, 4.2130, 28.2850

Split Complementary

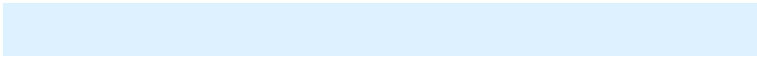
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.4550, 9.6250, 18.3050



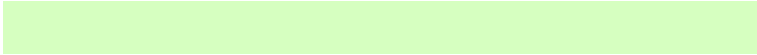
235.5590, -4.2130, -28.2850



236.6160, -16.4140, 0.1140

Square

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



235.5590, -4.2130, -28.2850



220.9140, -67.9440, -24.1680



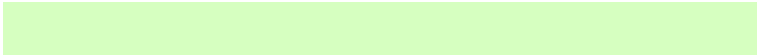
239.7380, 7.1500, 13.5980



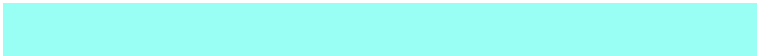
230.3050, 26.8220, -1.5140

Rectangle

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



235.5590, -4.2130, -28.2850



223.3620, -57.5820, -24.7340



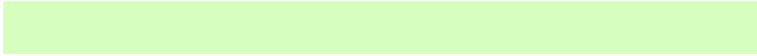
239.7380, 7.1500, 13.5980



231.6850, 14.6690, 14.9970

Sweetspot

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



235.5590, -4.2130, -28.2850



249.3600, -1.3740, -8.1420



234.9040, 26.2730, -8.0870



124.6530, -0.6410, -4.9050



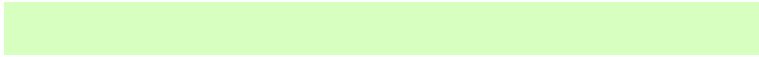
0.0000, 0.0000, 0.0000



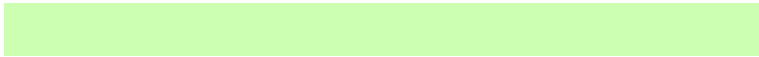
128.0000, -0.0000, -0.0000

Same Dimension

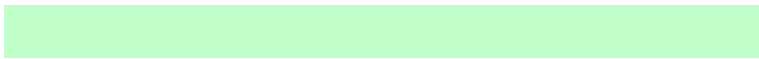
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.5590, -4.2130, -28.2850



231.3860, -5.4040, -34.2360



230.0070, -20.2140, -30.1500



123.8270, -1.1910, -5.9510



132.1500, -12.5930, -85.6890



44.1460, -4.4880, -28.8080

Inverse Universe

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



211.4410, 4.2130, 28.2850



202.3150, 4.8080, 34.0240



216.9930, 20.2140, 30.1500



118.8740, 0.5950, 5.7390



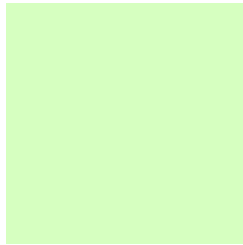
59.1490, 13.1890, 85.9010



19.8540, 4.4880, 28.8080

Previews

White Background



This preview shows how the YIQ color 235.5590, -4.2130, -28.2850 looks on a white background.

Color Contrast Check

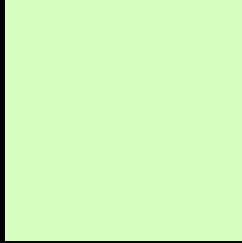
Large Text (above 18pt) WCAG AA × Fail

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 235.5590, -4.2130, -28.2850 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

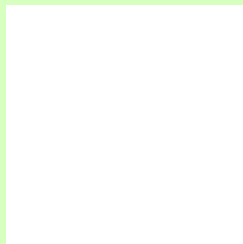
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 235.5590, -4.2130, -28.2850

Background



This preview shows how black text looks on a background with the YIQ color 235.5590, -4.2130, -28.2850.



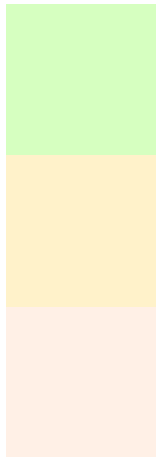
This preview shows how white text looks on a background with the YIQ color 235.5590, -4.2130,

-28.2850.

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

235.5590, -4.2130, -28.2850

Protanopia

241.3270, 20.5880, -9.6840

Deuteranopia

243.3450, 12.1500, 0.0700



Tritanopia

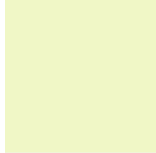
241.9650, -10.0870, 1.0890

Trichromacy



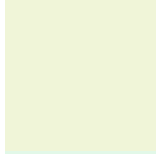
Original Color

235.5590, -4.2130, -28.2850



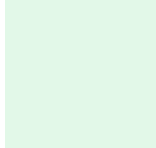
Protanomaly

239.3210, 11.5570, -16.7230



Deuteranomaly

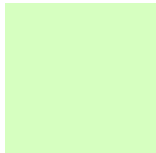
240.1990, 6.3290, -10.0790



Tritanomaly

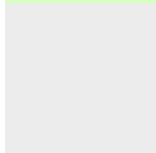
239.5980, -7.9760, -9.6400

Monochromacy



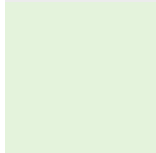
Original Color

235.5590, -4.2130, -28.2850



Achromatopsia

236.0000, 0.0000, -0.0000



Achromatomaly

235.8930, -1.5570, -10.3330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.5590, -4.2130, -28.2850 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, 255, 192)` looks like.

```
.text, #text, p{  
    color:rgb(214, 255, 192)  
}
```

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, 255, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 192) }
```

Border

The CSS property to change the border of an element to YIQ 235.5590, -4.2130, -28.2850 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, 255, 192) }
```


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

```
.border{ border-color:rgb(214, 255, 192) }
```

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

Here you see how a box with a 4 pixel rgb(214, 255, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 255, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 255, 192);  
box-shadow:4px 4px 4px 4px rgb(214, 255,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 235.5590, -4.2130, -28.2850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 255, 192) }
```

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

```
.background{ background-color: rgb(214,  
255, 192) }
```

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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