

Converting Colors

YIQ(235.4880, -5.4510,
-27.8750)

Have a look what the booklet for
YIQ(235.4880, -5.4510, -27.8750)
contains.

YIQ(235.4880, -5.4510, -27.8750)	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(235.4880, -5.4510,
-27.8750)**

Conversions

Conversions Part 1

Format	Color
Hex	D5FFC2
RGB	213, 255, 194
RGB Percent	84%, 100%, 76%
CMY	0.1648, 0.0000, 0.2392
CMYK	0.16, 0.00, 0.24, 0.00
HSL	101°, 100%, 88%
HSV	101°, 24%, 100%
XYZ	72.9287, 89.5562, 64.4851
YIQ	235.4880, -5.4510, -27.8750

Conversions

Conversions Part 2

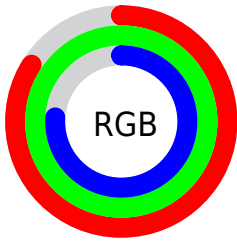
Format	Color
RYB	194, 255, 236
Decimal	14024642
CIELab	95.81, -24.21, 24.82
CIElCh	96, 34.671, 134.277
Yxy	89.5562, 0.3213, 0.3946
Android (android.graphics.Color)	4292214722 (0xFFD5FFC2)
YUV	235.4880, -20.4536, -19.7220
Hunter-Lab	94.6341, -28.0508, 25.8428

Details

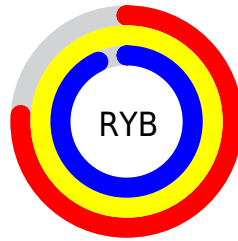
The YIQ color $235.4880, -5.4510, -27.8750$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $213.5120, 5.4510, 27.8750$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $254.5440, 1.2840, -1.2440$, and $179.4280, -5.2220, -26.5180$ is the 20% darker color. If you saturate the color by 10%, you get $227.2560, -8.1540, -39.4660$, and if you desaturate by 10%, it is $243.8340, -3.0690, -15.9730$.

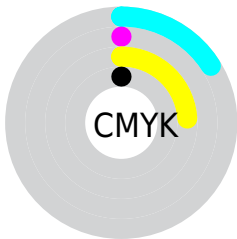
Distribution



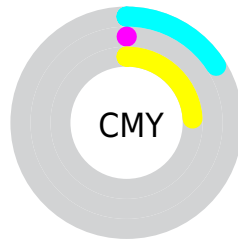
- Red (84%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (93%)



- Cyan (16%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.4880, -5.4510, -27.8750 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 235.4880, -5.4510, -27.8750 by changing the saturation by 10% instead.

235.4880, -5.4510,
-27.8750

235.4880, -5.4510,
-27.8750

255.0000, -0.0000,
-0.0000

207.0150, -5.4970,
-27.0410

254.5440, 1.2840,
-1.2440

179.4280, -5.2220,
-26.5180

152.5420, -5.5430,
-26.2070

126.0690, -5.5890,
-25.3730

100.7100, -5.9560,
-24.2280

76.2370, -6.0020,
-23.3940

53.0520, -6.9190,

-23.2950

■ 30.5790, -6.9650,
-22.4610

■ 16.4360, -7.7000,
-14.6440

■ 235.4880, -5.4510,
-27.8750

■ 235.4880, -5.4510,
-27.8750

■ 227.2560, -8.1540,
-39.4660

■ 243.8340, -3.0690,
-15.9730

■ 219.2090, -9.9400,
-51.1560

■ 251.7670, -0.9620,
-4.5940

■ 210.9770,
-12.6430, -62.7470

■ 255.0000, -0.0000,
-0.0000

■ 202.9300,
-14.4290, -74.4370

■ 194.6980,
-17.1320, -86.0280

■ 186.6510,
-18.9180, -97.7180

■ 178.4190,
-21.6210, -109.3090

■ 173.3060,
-23.0410, -116.6170

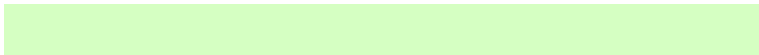
Harmonies

Analogous

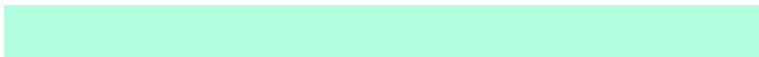
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.7430, 24.8080, -20.0880



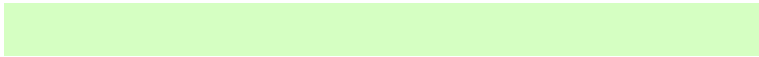
235.4880, -5.4510, -27.8750



227.5460, -37.7290, -26.6010

Triad

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



235.4880, -5.4510, -27.8750



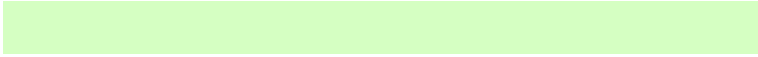
229.3300, -45.3880, -14.4440



230.7900, 18.5670, 10.4310

Complementary

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



235.4880, -5.4510, -27.8750



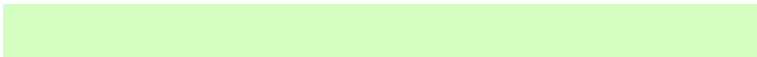
213.5120, 5.4510, 27.8750

Split Complementary

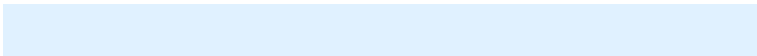
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.4550, 9.6250, 18.3050



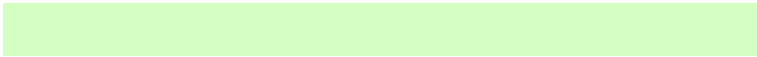
235.4880, -5.4510, -27.8750



237.5130, -14.6260, 0.7500

Square

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



235.4880, -5.4510, -27.8750



222.1100, -65.5600, -23.3200



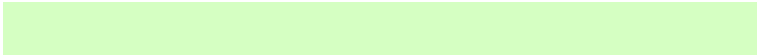
239.7380, 7.1500, 13.5980



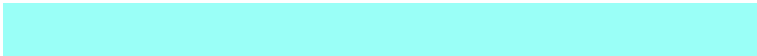
230.3050, 26.8220, -1.5140

Rectangle

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



235.4880, -5.4510, -27.8750



223.8890, -57.6280, -23.9000



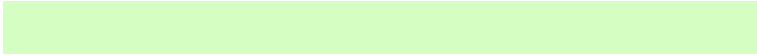
239.7380, 7.1500, 13.5980



231.4570, 15.3110, 14.3750

Sweetspot

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



235.4880, -5.4510, -27.8750



249.3600, -1.3740, -8.1420



236.8930, 24.8060, -9.0340



124.3540, -1.2370, -5.1170



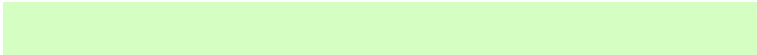
0.0000, 0.0000, 0.0000



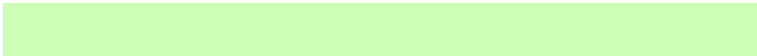
128.0000, -0.0000, -0.0000

Same Dimension

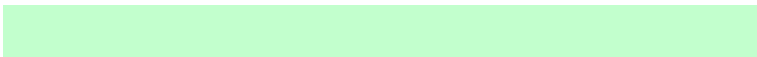
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.4880, -5.4510, -27.8750



231.3150, -6.6420, -33.8260



231.0610, -20.3060, -28.4820



123.8270, -1.1910, -5.9510



129.7580, -17.3610, -87.3850



43.5480, -5.6800, -29.2320

Inverse Universe

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



213.5120, 5.4510, 27.8750



204.6850, 6.6420, 33.8260



217.9390, 20.3060, 28.4820



119.1730, 1.1910, 5.9510



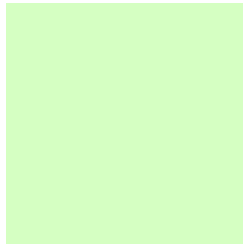
61.2420, 17.3610, 87.3850



20.4520, 5.6800, 29.2320

Previews

White Background



This preview shows how the YIQ color 235.4880, -5.4510, -27.8750 looks on a white background.

Color Contrast Check

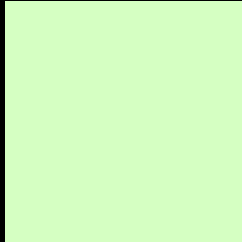
Large Text (above 18pt) WCAG AA × Fail

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 235.4880, -5.4510, -27.8750 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

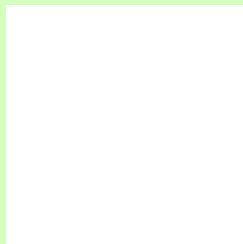
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 235.4880, -5.4510, -27.8750

Background



This preview shows how black text looks on a background with the YIQ color 235.4880, -5.4510, -27.8750.



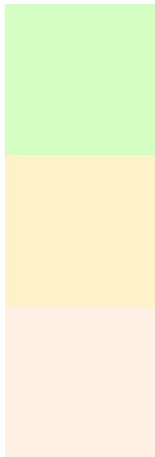
This preview shows how white text looks on a background with the YIQ color 235.4880, -5.4510, -27.8750.

-27.8750.

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

235.4880, -5.4510, -27.8750

Protanopia

241.3270, 20.5880, -9.6840

Deuteranopia

243.3450, 12.1500, 0.0700



Tritanopia

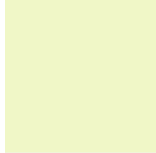
241.9650, -10.0870, 1.0890

Trichromacy



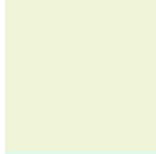
Original Color

235.4880, -5.4510, -27.8750



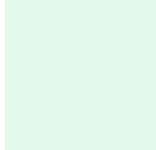
Protanomaly

239.4350, 11.2360, -16.4120



Deuteranomaly

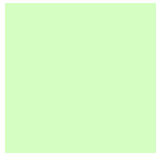
240.3130, 6.0080, -9.7680



Tritanomaly

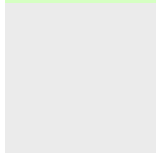
239.7120, -8.2970, -9.3290

Monochromacy



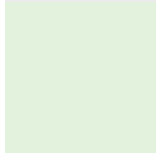
Original Color

235.4880, -5.4510, -27.8750



Achromatopsia

235.0000, 0.0000, -0.0000



Achromatomaly

235.0070, -1.8780, -10.0220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.4880, -5.4510, -27.8750 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(213, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(213, 255, 194)  
}
```

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(213, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 255, 194) }
```

Border

The CSS property to change the border of an element to YIQ 235.4880, -5.4510, -27.8750 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(213, 255, 194) }
```


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

```
.border{ border-color:rgb(213, 255, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 255, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(213, 255,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 235.4880, -5.4510, -27.8750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 255, 194) }
```

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

```
.background{ background-color: rgb(213,  
255, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor