

Converting Colors

YIQ(223.5980, 0.0510, -28.4690)

Have a look what the booklet for
YIQ(223.5980, 0.0510, -28.4690)
contains.

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Color

**YIQ(223.5980, 0.0510,
-28.4690)**

Conversions

Conversions Part 1

Format	Color
Hex	CEF2AF
RGB	206, 242, 175
RGB Percent	81%, 95%, 69%
CMY	0.1923, 0.0509, 0.3137
CMYK	0.15, 0.00, 0.28, 0.05
HSL	92°, 72%, 82%
HSV	92°, 28%, 95%
XYZ	64.9403, 79.7260, 52.5302
YIQ	223.5980, 0.0510, -28.4690

Conversions

Conversions Part 2

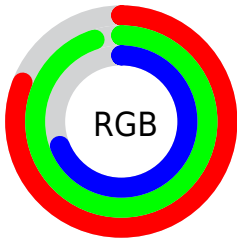
Format	Color
RYB	175, 242, 211
Decimal	13562543
CIELab	91.56, -23.25, 28.59
CIELCh	92, 36.849, 129.114
Yxy	79.7260, 0.3293, 0.4043
Android (android.graphics.Color)	4291752623 (0xFFCEF2AF)
YUV	223.5980, -23.9588, -15.4334
Hunter-Lab	89.2894, -26.4331, 27.6214

Details

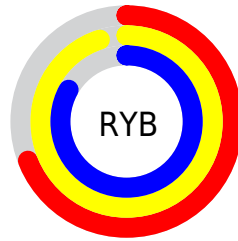
The YIQ color $223.5980, 0.0510, -28.4690$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $193.4020, -0.0510, 28.4690$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.2640, 7.7040, -7.4640$, and $168.2390, -0.3160, -27.3240$ is the 20% darker color. If you saturate the color by 10%, you get $216.9750, 0.0070, -38.6890$, and if you desaturate by 10%, it is $230.2210, 0.0950, -18.2490$.

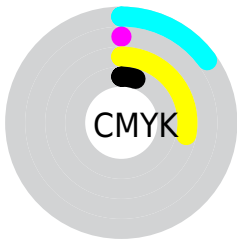
Distribution



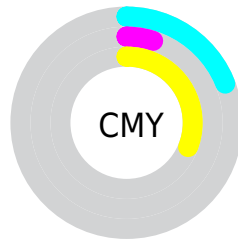
- Red (81%)
- Green (95%)
- Blue (69%)



- Red (69%)
- Yellow (95%)
- Blue (83%)



- Cyan (15%)
- Magenta (0%)
- Yellow (28%)
- Black (5%)



- Cyan (19%)
- Magenta (5%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.5980, 0.0510, -28.4690 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 223.5980, 0.0510, -28.4690 by changing the saturation by 10% instead.

■ 223.5980, 0.0510,
-28.4690

■ 223.5980, 0.0510,
-28.4690

255.0000, -0.0000,
-0.0000

■ 195.7120, -0.2700,
-28.1580

■ 252.2640, 7.7040,
-7.4640

■ 168.2390, -0.3160,
-27.3240

■ 141.7660, -0.3620,
-26.4900

■ 115.8800, -0.6830,
-26.1790

■ 90.5210, -1.0500,
-25.0340

■ 66.6350, -1.3710,
-24.7230

■ 42.6350, -1.3710,

-24.7230

■ 22.0180, -9.5790,
-19.1390

■ 6.4570, -3.0250,
-5.7530

■ 223.5980, 0.0510,
-28.4690

■ 223.5980, 0.0510,
-28.4690

■ 216.9750, 0.0070,
-38.6890

■ 230.2210, 0.0950,
-18.2490

■ 210.3520, -0.0370,
-48.9090

■ 236.8440, 0.1390,
-8.0290

■ 203.6150, 0.2400,
-59.4400

■ 243.5810, -0.1380,
2.5020

■ 196.9920, 0.1960,
-69.6600

■ 247.3690, 3.5750,
6.7990

■ 190.3690, 0.1520,
-79.8800

■ 183.7460, 0.1080,
-90.1000

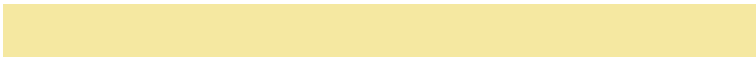
■ 177.1230, 0.0640,
-100.3200

■ 175.5420, 0.2020,
-102.8220

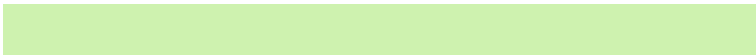
Harmonies

Analogous

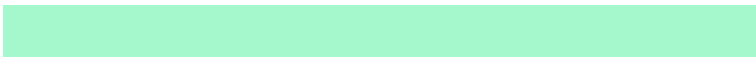
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.7930, 30.5390, -19.3250



223.5980, 0.0510, -28.4690



218.1670, -35.3440, -31.2800

Triad

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



223.5980, 0.0510, -28.4690



215.3870, -58.7300, -14.9380



221.7740, 24.6640, 15.5760

Complementary

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



223.5980, 0.0510, -28.4690



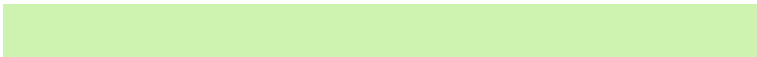
193.4020, -0.0510, 28.4690

Split Complementary

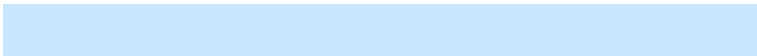
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.4110, 12.9250, 24.5810



223.5980, 0.0510, -28.4690



224.1790, -25.3090, 1.6270

Square

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



223.5980, 0.0510, -28.4690



210.5260, -78.5350, -24.9590



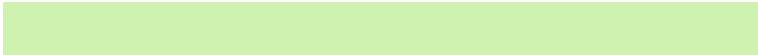
231.7860, 7.1950, 18.2910



220.3600, 34.1570, 3.2210

Rectangle

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



223.5980, 0.0510, -28.4690



214.6020, -58.4980, -30.1620



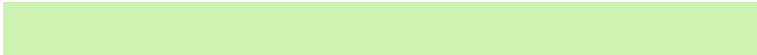
231.7860, 7.1950, 18.2910



223.1420, 20.8120, 19.3080

Sweetspot

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



223.5980, 0.0510, -28.4690



249.4310, -0.1360, -8.5520



216.1650, 30.0320, -4.6240



124.4250, 0.0010, -5.5270



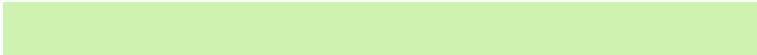
0.0000, 0.0000, 0.0000



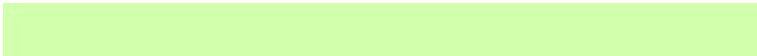
128.0000, -0.0000, -0.0000

Same Dimension

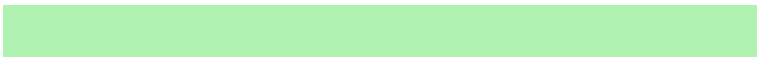
The Same Dimension uses a secret algorithm to generate beautiful new colors.



223.5980, 0.0510, -28.4690



231.9690, 0.1440, -35.6640



214.5570, -19.0670, -34.4190



116.5390, -0.3200, -5.2160



133.4230, 0.0600, -78.2120



40.6460, 0.0960, -23.7760

Inverse Universe

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



193.4020, -0.0510, 28.4690



194.0310, -0.1440, 35.6640



202.4430, 19.0670, 34.4190



111.1620, -0.2760, 5.0040



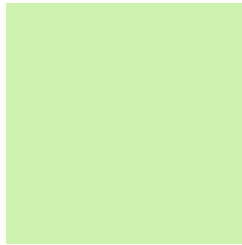
50.5770, -0.0600, 78.2120



15.3540, -0.0960, 23.7760

Previews

White Background



This preview shows how the YIQ color 223.5980, 0.0510, -28.4690 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 223.5980, 0.0510, -28.4690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

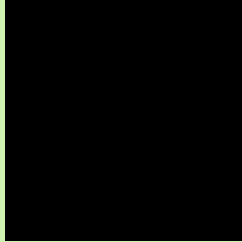
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 223.5980, 0.0510, -28.4690

Background



This preview shows how black text looks on a background with the YIQ color 223.5980, 0.0510, -28.4690.



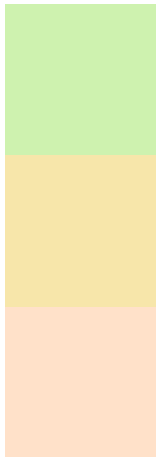
This preview shows how white text looks on a background with the YIQ color 223.5980, 0.0510, -28.4690.

-28.4690.

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

223.5980, 0.0510, -28.4690

Protanopia

228.2430, 29.3920, -15.0560

Deuteranopia

231.2340, 25.5840, -1.1040



Tritanopia

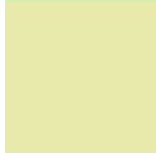
229.6810, -15.0390, 2.7290

Trichromacy



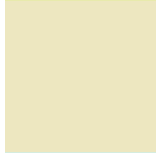
Original Color

223.5980, 0.0510, -28.4690



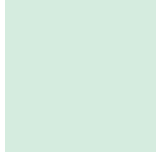
Protanomaly

226.3340, 18.7100, -19.7060



Deuteranomaly

228.3480, 16.0950, -10.8570



Tritanomaly

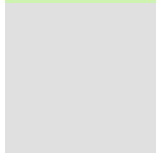
227.6410, -9.5350, -8.9190

Monochromacy



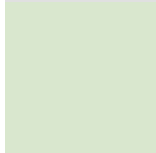
Original Color

223.5980, 0.0510, -28.4690



Achromatopsia

224.0000, -0.0000, 0.0000



Achromatomaly

223.9640, -0.3190, -10.7430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.5980, 0.0510, -28.4690 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(206, 242, 175)` looks like.

```
.text, #text, p{  
    color:rgb(206, 242, 175)  
}
```

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(206, 242, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 242, 175) }
```

Border

The CSS property to change the border of an element to YIQ 223.5980, 0.0510, -28.4690 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(206, 242, 175) }
```


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

```
.border{ border-color:rgb(206, 242, 175) }
```

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

Here you see how a box with a 4 pixel rgb(206, 242, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 242, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 242, 175);  
box-shadow:4px 4px 4px 4px rgb(206, 242,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 223.5980, 0.0510, -28.4690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 242, 175) }
```

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

```
.background{ background-color: rgb(206,  
242, 175) }
```

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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