

Converting Colors

YIQ(229.2930, -0.4080,
-25.6560)

Have a look what the booklet for
YIQ(229.2930, -0.4080, -25.6560)
contains.

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Color

**YIQ(229.2930, -0.4080,
-25.6560)**

Conversions

Conversions Part 1

Format	Color
Hex	D5F6BA
RGB	213, 246, 186
RGB Percent	84%, 96%, 73%
CMY	0.1648, 0.0352, 0.2705
CMYK	0.13, 0.00, 0.24, 0.04
HSL	93°, 77%, 85%
HSV	93°, 24%, 96%
XYZ	69.2561, 83.6072, 58.9484
YIQ	229.2930, -0.4080, -25.6560

Conversions

Conversions Part 2

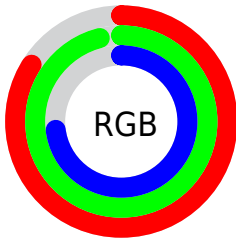
Format	Color
RYB	186, 246, 219
Decimal	14022330
CIELab	93.28, -21.10, 25.41
CIElCh	93, 33.030, 129.714
Yxy	83.6072, 0.3270, 0.3947
Android (android.graphics.Color)	4292212410 (0xFFD5F6BA)
YUV	229.2930, -21.3434, -14.2890
Hunter-Lab	91.4370, -24.8155, 25.7823

Details

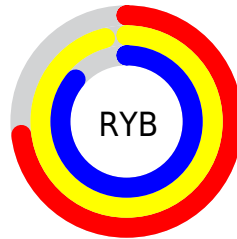
The YIQ color $229.2930, -0.4080, -25.6560$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $202.7070, 0.4080, 25.6560$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5180, 4.1730, -4.0430$, and $173.9340, -0.7750, -24.5110$ is the 20% darker color. If you saturate the color by 10%, you get $222.2570, -0.7270, -36.3990$, and if you desaturate by 10%, it is $236.3290, -0.0890, -14.9130$.

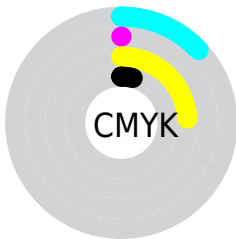
Distribution



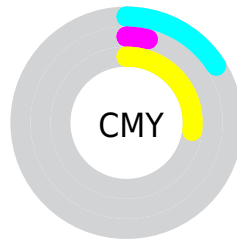
- Red (84%)
- Green (96%)
- Blue (73%)



- Red (73%)
- Yellow (96%)
- Blue (86%)



- Cyan (13%)
- Magenta (0%)
- Yellow (24%)
- Black (4%)




- Cyan (16%)
- Magenta (4%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.2930, -0.4080, -25.6560 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 229.2930, -0.4080, -25.6560 by changing the saturation by 10% instead.

 229.2930, -0.4080,
-25.6560

 229.2930, -0.4080,
-25.6560


255.0000, -0.0000,
-0.0000


 200.8200, -0.4540,
-24.8220


 253.5180, 4.1730,
-4.0430

 173.9340, -0.7750,
-24.5110

 147.0480, -1.0960,
-24.2000

 120.8740, -0.5460,
-23.1540

 96.1020, -1.1880,
-22.5320

 71.6290, -1.2340,
-21.6980

 48.4440, -2.1510,

-21.5990

■ 27.3670, -3.2520,
-18.1640

■ 11.7400, -5.5000,
-10.4600

■ 229.2930, -0.4080,
-25.6560

■ 229.2930, -0.4080,
-25.6560

■ 222.2570, -0.7270,
-36.3990

■ 236.3290, -0.0890,
-14.9130

■ 215.6340, -0.7710,
-46.6190

■ 242.9520, -0.0450,
-4.6930

■ 208.5980, -1.0900,
-57.3620

■ 249.4180, 1.8790,
4.4950

■ 201.9750, -1.1340,
-67.5820

■ 249.7170, 2.4750,
4.7070

■ 194.9390, -1.4530,
-78.3250

■ 188.2020, -1.1760,
-88.8560

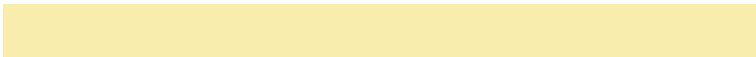
■ 181.2800, -1.8160,
-99.2880

■ 177.5910, -1.4940,
-105.1260

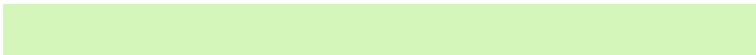
Harmonies

Analogous

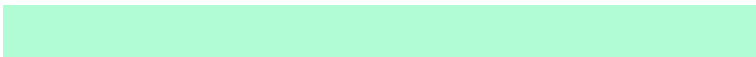
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.9930, 27.1000, -17.5720



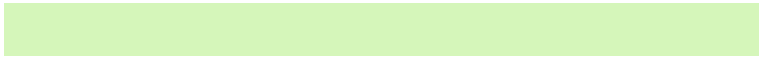
229.2930, -0.4080, -25.6560



225.1290, -32.1810, -28.0290

Triad

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



229.2930, -0.4080, -25.6560



223.1170, -49.1020, -13.2140



227.0400, 20.8590, 12.9470

Complementary

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



229.2930, -0.4080, -25.6560



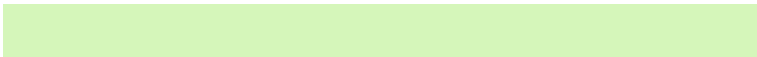
202.7070, 0.4080, 25.6560

Split Complementary

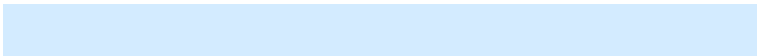
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.5200, 11.0000, 20.9200



229.2930, -0.4080, -25.6560



230.1040, -20.7240, 1.1320

Square

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



229.2930, -0.4080, -25.6560



218.8650, -66.2480, -21.8640



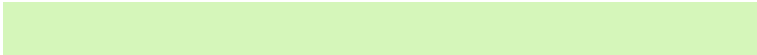
236.5040, 7.9290, 16.0010



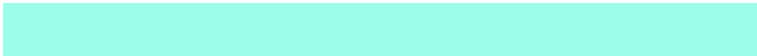
225.9680, 29.3890, 1.5250

Rectangle

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



229.2930, -0.4080, -25.6560



222.4180, -51.9880, -26.9960



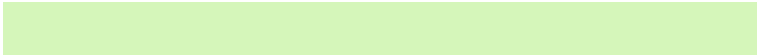
236.5040, 7.9290, 16.0010



228.2940, 17.3280, 16.3680

Sweetspot

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



229.2930, -0.4080, -25.6560



249.9580, -0.1820, -7.7180



223.3110, 26.6850, -4.5390



124.9520, -0.0450, -4.6930



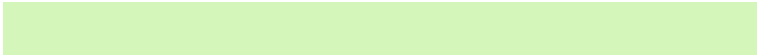
0.0000, 0.0000, 0.0000



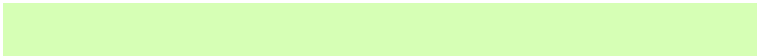
128.0000, -0.0000, -0.0000

Same Dimension

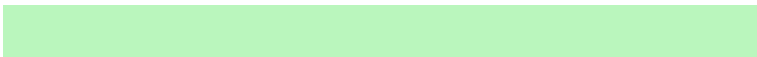
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.2930, -0.4080, -25.6560



234.3050, -0.6820, -31.7060



221.5620, -17.4630, -30.4470



118.8380, 0.2760, -5.0040



134.2980, -1.0860, -79.4700



42.4070, -0.7290, -25.3450

Inverse Universe

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



202.7070, 0.4080, 25.6560



201.6950, 0.6820, 31.7060



210.4380, 17.4630, 30.4470



113.4610, 0.3200, 5.2160



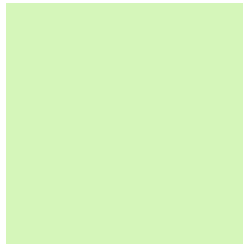
52.0010, 1.6820, 79.6820



16.2940, 0.1330, 25.1330

Previews

White Background



This preview shows how the YIQ color 229.2930, -0.4080, -25.6560 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 229.2930, -0.4080, -25.6560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

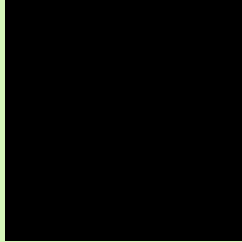
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

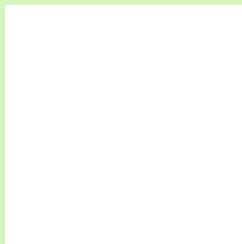
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 229.2930, -0.4080, -25.6560

Background



This preview shows how black text looks on a background with the YIQ color 229.2930, -0.4080, -25.6560.



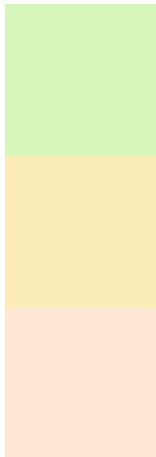
This preview shows how white text looks on a background with the YIQ color 229.2930, -0.4080,

-25.6560.

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

229.2930, -0.4080, -25.6560

Protanopia

233.6280, 26.8700, -13.4020

Deuteranopia

236.2380, 19.7610, -0.1990



Tritanopia

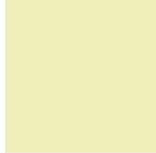
235.1650, -13.5260, 2.8420

Trichromacy



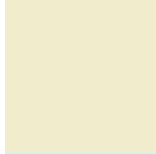
Original Color

229.2930, -0.4080, -25.6560



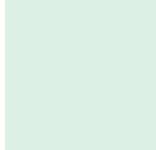
Protanomaly

232.0180, 16.7840, -17.8400



Deuteranomaly

233.5480, 12.6560, -9.1040



Tritanomaly

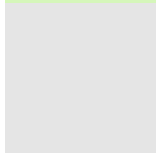
232.8800, -8.7100, -7.3500

Monochromacy



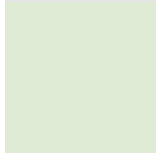
Original Color

229.2930, -0.4080, -25.6560



Achromatopsia

229.0000, -0.0000, -0.0000



Achromatomaly

228.9040, -0.0900, -9.3860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.2930, -0.4080, -25.6560 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, 246, 186)` looks like.

```
.text, #text, p{  
    color:rgb(213, 246, 186)  
}
```

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, 246, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 246, 186) }
```

Border

The CSS property to change the border of an element to YIQ 229.2930, -0.4080, -25.6560 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, 246, 186) }
```


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

```
.border{ border-color:rgb(213, 246, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 246, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 246, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 246, 186); box-shadow:4px 4px 4px 4px rgb(213, 246, 186) }
```

Background

The CSS property to change the background color of an element to YIQ 229.2930, -0.4080, -25.6560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 246, 186) }
```

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

```
.background{ background-color: rgb(213,  
246, 186) }
```

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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