

Converting Colors

YIQ(226.9230, -28.6050,
-26.7570)

Have a look what the booklet for
YIQ(226.9230, -28.6050, -26.7570)
contains.

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Color

**YIQ(226.9230, -28.6050,
-26.7570)**

Conversions

Conversions Part 1

Format	Color
Hex	B7FCD5
RGB	183, 252, 213
RGB Percent	72%, 99%, 84%
CMY	0.2825, 0.0116, 0.1648
CMYK	0.27, 0.00, 0.15, 0.01
HSL	146°, 92%, 85%
HSV	146°, 27%, 99%
XYZ	66.3440, 84.5034, 75.7507
YIQ	226.9230, -28.6050, -26.7570

Conversions

Conversions Part 2

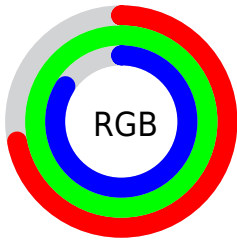
Format	Color
R _{YB}	183, 231, 252
Decimal	12057813
CIE _{Lab}	93.67, -29.18, 11.87
CIE _{LCh}	94, 31.499, 157.868
Y _{xy}	84.5034, 0.2928, 0.3729
Android (android.graphics.Color)	4290247893 (0xFFB7FCD5)
YUV	226.9230, -6.8640, -38.5205
Hunter-Lab	91.9257, -32.0441, 15.4905

Details

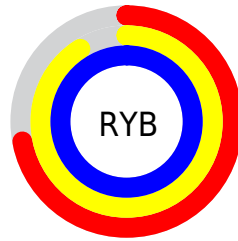
The YIQ color **226.9230, -28.6050, -26.7570** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **208.0770, 28.6050, 26.7570**, and the grayscale version is **227.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **250.5150, -8.9400, -3.1800**, and **170.7490, -28.0550, -25.7110** is the 20% darker color. If you saturate the color by 10%, you get **217.8520, -39.0110, -36.4110**, and if you desaturate by 10%, it is **235.9940, -18.1990, -17.1030**.

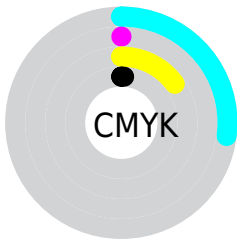
Distribution



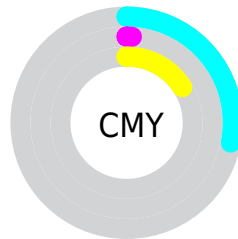
- Red (72%)
- Green (99%)
- Blue (84%)



- Red (72%)
- Yellow (91%)
- Blue (99%)



- Cyan (27%)
- Magenta (0%)
- Yellow (15%)
- Black (1%)





- Cyan (28%)
- Magenta (1%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 226.9230, -28.6050, -26.7570 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 226.9230, -28.6050, -26.7570 by changing the saturation by 10% instead.

 226.9230,
-28.6050, -26.7570


 226.9230,
-28.6050, -26.7570


255.0000, -0.0000,
-0.0000


 198.3360,
-28.3300, -26.2340


 250.5150, -8.9400,
-3.1800

 170.7490,
-28.0550, -25.7110

 144.1620,
-27.7800, -25.1880

 117.6890,
-27.8260, -24.3540

 91.9170, -28.4680,
-23.7320

 66.1340, -30.5770,
-24.0570

 43.0740, -30.3480,

-22.7000

■ 27.7660, -17.5570,
-17.7250

■ 12.3270, -5.7750,
-10.9830

■ 226.9230,
-28.6050, -26.7570

■ 226.9230,
-28.6050, -26.7570

■ 217.8520,
-39.0110, -36.4110

■ 235.9940,
-18.1990, -17.1030

■ 208.6670,
-49.0960, -46.3760

■ 245.0650, -7.7930,
-7.4490

■ 199.2970,
-60.0980, -56.2420

■ 253.2390, 0.8250,
1.5690

■ 190.2260,
-70.5040, -65.8960

■ 181.1550,
-80.9100, -75.5500

■ 171.9700,
-90.9950, -85.5150

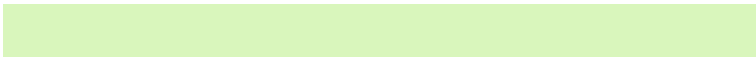
■ 162.8990,
-101.4010, -95.1690

■ 160.4640,
-104.6100, -97.5860

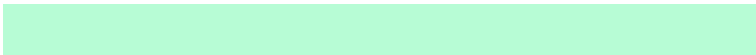
Harmonies

Analogous

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



230.7170, 1.3340, -24.1860



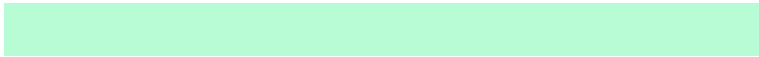
226.9230, -28.6050, -26.7570



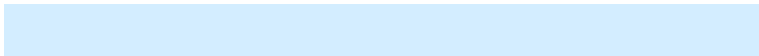
223.5580, -55.1980, -23.8860

Triad

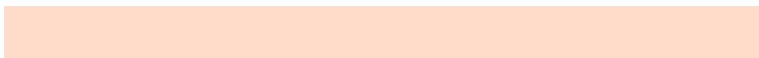
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226.9230, -28.6050, -26.7570



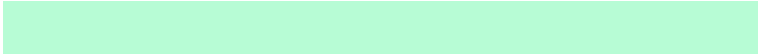
231.2780, -21.2740, 0.0860



227.7120, 27.2340, 2.0340

Complementary

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



226.9230, -28.6050, -26.7570



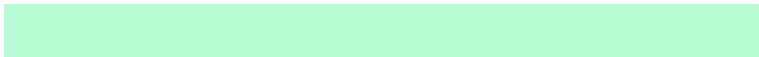
208.0770, 28.6050, 26.7570

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.



228.6700, 19.0250, 13.1450



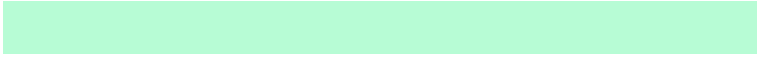
226.9230, -28.6050, -26.7570



237.0800, 6.1870, 14.5310

Square

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



226.9230, -28.6050, -26.7570



224.6010, -47.5890, -13.1010



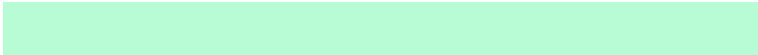
233.2810, 10.1750, 19.3510



230.1280, 31.4540, -8.3700

Rectangle

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



226.9230, -28.6050, -26.7570



221.8330, -63.2220, -21.6380



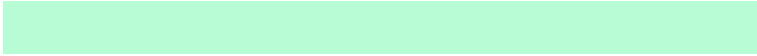
233.2810, 10.1750, 19.3510



227.5640, 24.8950, 5.8790

Sweetspot

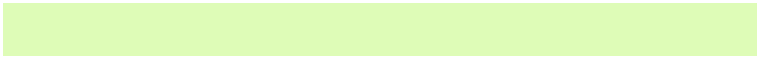
The Sweet Spot groups the original color and five complimentary colors.



226.9230, -28.6050, -26.7570



247.6520, -8.0680, -7.9720



235.1640, 4.2690, -27.8190



123.2010, -5.1800, -5.2440



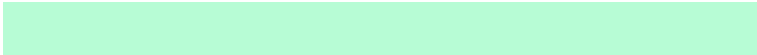
0.0000, 0.0000, 0.0000



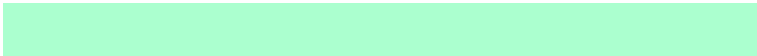
128.0000, -0.0000, -0.0000

Same Dimension

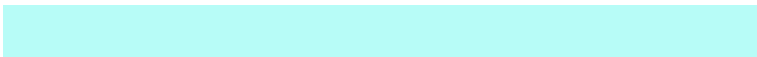
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226.9230, -28.6050, -26.7570



224.4120, -34.6560, -32.7360



230.7990, -39.5190, -16.1830



120.3150, -5.5010, -4.9330



120.2910, -78.2970, -73.3450



38.8850, -25.4420, -23.5060

Inverse Universe

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



208.0770, 28.6050, 26.7570



201.4740, 34.9770, 32.4250



204.2010, 39.5190, 16.1830



116.7990, 5.1800, 5.2440



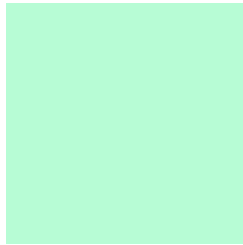
68.7090, 78.2970, 73.3450



22.2290, 25.1210, 23.8170

Previews

White Background



This preview shows how the YIQ color 226.9230, -28.6050, -26.7570 looks on a white background.

Color Contrast Check

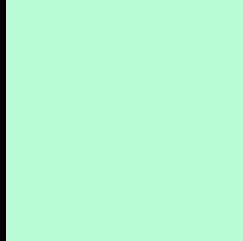
Large Text (above 18pt) WCAG AA × Fail

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 226.9230, -28.6050, -26.7570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

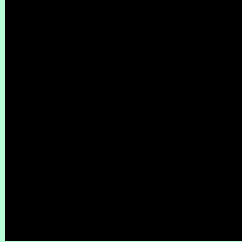
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

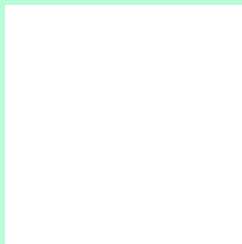
Any Text WCAG AAA ✓ Pass

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

YIQ 226.9230, -28.6050, -26.7570 Background



This preview shows how black text looks on a background with the YIQ color 226.9230, -28.6050, -26.7570.



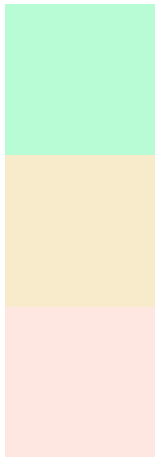
This preview shows how white text looks on a background with the YIQ color 226.9230, -28.6050, -26.7570.

-26.7570.

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

226.9230, -28.6050, -26.7570

Protanopia

235.0540, 17.1030, -7.0970

Deuteranopia

237.4920, 16.2300, 3.2220



Tritanopia

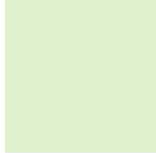
233.6150, -23.8410, -2.9530

Trichromacy



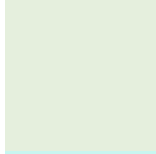
Original Color

226.9230, -28.6050, -26.7570



Protanomaly

232.0410, 0.7820, -14.1780



Deuteranomaly

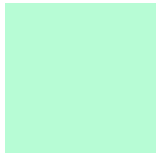
233.9580, -0.1820, -7.7180



Tritanomaly

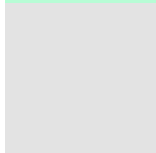
231.5620, -25.4900, -11.6180

Monochromacy



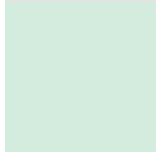
Original Color

226.9230, -28.6050, -26.7570



Achromatopsia

227.0000, -0.0000, -0.0000



Achromatomaly

226.9290, -10.4060, -9.6540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.9230, -28.6050, -26.7570 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(183, 252, 213)` looks like.

```
.text, #text, p{  
    color:rgb(183, 252, 213)  
}
```

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(183, 252, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 252, 213) }
```

Border

The CSS property to change the border of an element to YIQ 226.9230, -28.6050, -26.7570 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

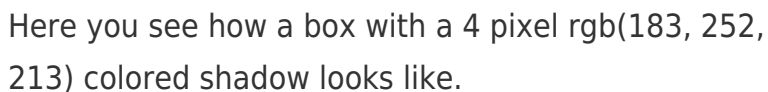
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 252, 213) }
```


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

```
.border{ border-color:rgb(183, 252, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 252, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 252, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 252, 213);  
box-shadow:4px 4px 4px 4px rgb(183, 252,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 226.9230, -28.6050, -26.7570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 252, 213) }
```

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

```
.background{ background-color: rgb(183,  
252, 213) }
```

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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