

# Converting Colors

YIQ(226.5100, -28.8800,  
-27.2800)

Have a look what the booklet for  
YIQ(226.5100, -28.8800, -27.2800)  
contains.

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# Color

**YIQ(226.5100, -28.8800,  
-27.2800)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6FCD4
RGB	182, 252, 212
RGB Percent	71%, 99%, 83%
CMY	0.2865, 0.0116, 0.1687
CMYK	0.28, 0.00, 0.16, 0.01
HSL	146°, 92%, 85%
HSV	146°, 28%, 99%
XYZ	65.9805, 84.3308, 75.0732
YIQ	226.5100, -28.8800, -27.2800

# Conversions

## Conversions Part 2

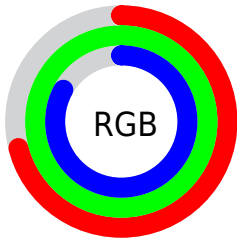
<b>Format</b>	<b>Color</b>
<b>RYB</b>	182, 231, 252
Decimal	11992276
CIELab	93.59, -29.67, 12.27
CIELCh	94, 32.104, 157.534
Yxy	84.3308, 0.2927, 0.3742
Android (android.graphics.Color)	4290182356 (0xFFB6FCD4)
YUV	226.5100, -7.1534, -39.0353
Hunter-Lab	91.8318, -32.4547, 15.8122

# Details

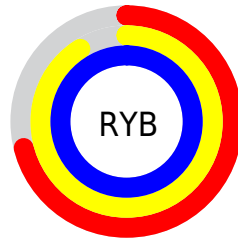
The YIQ color **226.5100, -28.8800, -27.2800** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **207.4900, 28.8800, 27.2800**, and the grayscale version is **227.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **250.2160, -9.5360, -3.3920**, and **170.3360, -28.3300, -26.2340** is the 20% darker color. If you saturate the color by 10%, you get **217.4390, -39.2860, -36.9340**, and if you desaturate by 10%, it is **235.5810, -18.4740, -17.6260**.

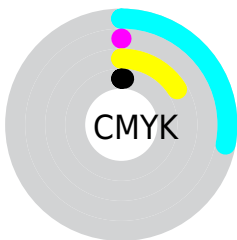
# Distribution



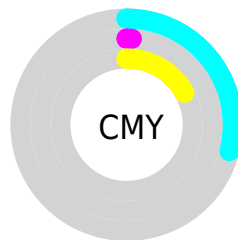
- Red (71%)
- Green (99%)
- Blue (83%)



- Red (71%)
- Yellow (91%)
- Blue (99%)



- Cyan (28%)
- Magenta (0%)
- Yellow (16%)
- Black (1%)



- Cyan (29%)
- Magenta (1%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 226.5100, -28.8800, -27.2800 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 226.5100, -28.8800, -27.2800 by changing the saturation by 10% instead.



■ 226.5100,  
-28.8800, -27.2800

■ 226.5100,  
-28.8800, -27.2800

255.0000, -0.0000,  
-0.0000

■ 197.9230,  
-28.6050, -26.7570

■ 250.2160, -9.5360,  
-3.3920

■ 170.3360,  
-28.3300, -26.2340

■ 143.7490,  
-28.0550, -25.7110

■ 117.2760,  
-28.1010, -24.8770

■ 91.5040, -28.7430,  
-24.2550

■ 65.5360, -31.7690,  
-24.4810

■ 42.9600, -30.0270,

-23.0110

■ 27.0650, -16.9610,  
-17.5130

■ 12.3270, -5.7750,  
-10.9830

■ 226.5100,  
-28.8800, -27.2800

■ 226.5100,  
-28.8800, -27.2800

■ 217.4390,  
-39.2860, -36.9340

■ 235.5810,  
-18.4740, -17.6260

■ 208.2540,  
-49.3710, -46.8990

■ 244.7660, -8.3890,  
-7.6610

■ 198.8840,  
-60.3730, -56.7650

■ 253.2390, 0.8250,  
1.5690

■ 189.6990,  
-70.4580, -66.7300

■ 180.6280,  
-80.8640, -76.3840

■ 171.5570,  
-91.2700, -86.0380

■ 162.3720,  
-101.3550, -96.0030

■ 160.2360,  
-103.9680, -98.2080

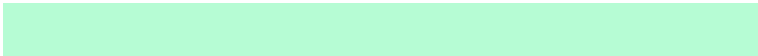
# Harmonies

## Analogous

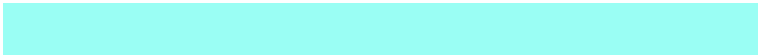
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.6030, 1.6550, -24.4970



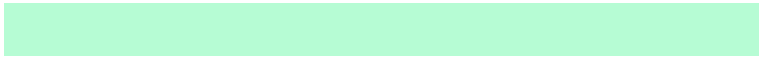
226.5100, -28.8800, -27.2800



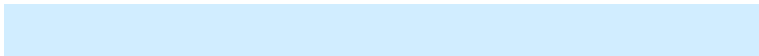
222.9600, -56.3900, -24.3100

# Triad

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



226.5100, -28.8800, -27.2800



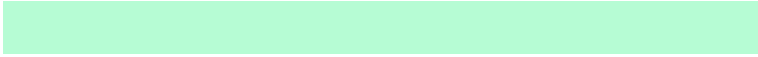
230.6800, -22.4660, -0.3380



227.0110, 27.8300, 2.2460

# Complementary

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



226.5100, -28.8800, -27.2800



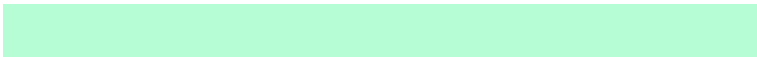
207.4900, 28.8800, 27.2800

# 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.



228.0830, 19.3000, 13.6680



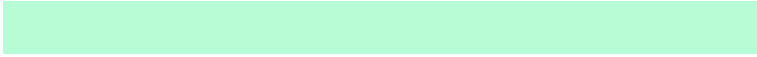
226.5100, -28.8800, -27.2800



236.7810, 5.5910, 14.3190

# Square

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



226.5100, -28.8800, -27.2800



224.0030, -48.7810, -13.5250



232.6940, 10.4500, 19.8740

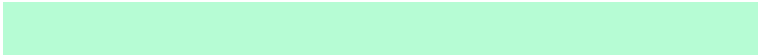


230.0140, 31.7750, -8.6810



# Rectangle

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



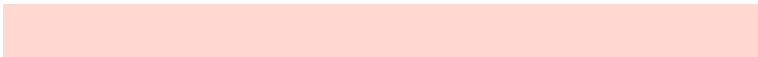
226.5100, -28.8800, -27.2800



220.9360, -65.0100, -22.2740



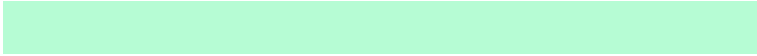
232.6940, 10.4500, 19.8740



226.8630, 25.4910, 6.0910

# Sweetspot

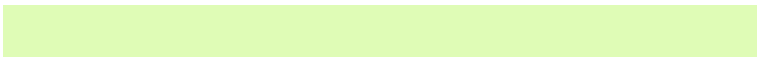
The Sweet Spot groups the original color and five complimentary colors.



226.5100, -28.8800, -27.2800



247.6520, -8.0680, -7.9720



235.3490, 5.1860, -27.9180



123.2010, -5.1800, -5.2440



0.0000, 0.0000, 0.0000

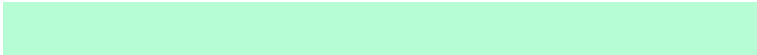


128.0000, -0.0000, -0.0000

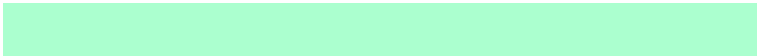


# Same Dimension

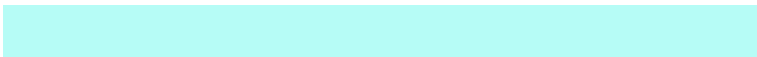
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226.5100, -28.8800, -27.2800



224.4120, -34.6560, -32.7360



230.3860, -39.7940, -16.7060



120.3150, -5.5010, -4.9330



120.1770, -77.9760, -73.6560



38.7710, -25.1210, -23.8170



# Inverse Universe

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



207.4900, 28.8800, 27.2800



201.5880, 34.6560, 32.7360



203.6140, 39.7940, 16.7060



116.7990, 5.1800, 5.2440



68.8230, 77.9760, 73.6560

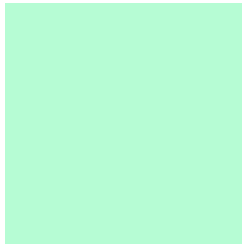


22.2290, 25.1210, 23.8170



# Previews

## White Background



This preview shows how the YIQ color 226.5100, -28.8800, -27.2800 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

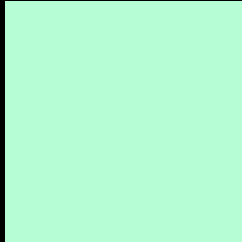
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 226.5100, -28.8800, -27.2800 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

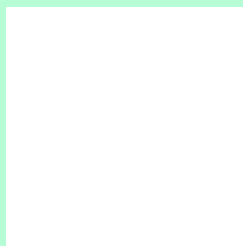
Any Text WCAG AAA ✓ Pass

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

# YIQ 226.5100, -28.8800, -27.2800 Background



This preview shows how black text looks on a background with the YIQ color 226.5100, -28.8800, -27.2800.



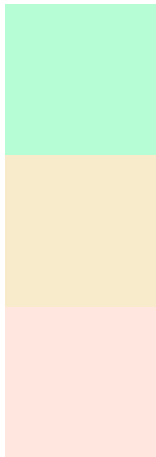
This preview shows how white text looks on a background with the YIQ color 226.5100, -28.8800, -27.2800.

-27.2800.

# 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

226.5100, -28.8800, -27.2800

### Protanopia

234.9400, 17.4240, -7.4080

### Deuteranopia

237.3780, 16.5510, 2.9110



## Tritanopia

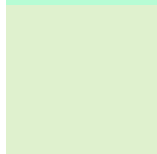
233.3160, -24.4370, -3.1650

# Trichromacy



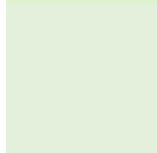
## Original Color

226.5100, -28.8800, -27.2800



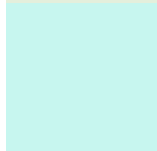
## Protanomaly

231.6280, 0.5070, -14.7010



## Deuteranomaly

233.5450, -0.4570, -8.2410



## Tritanomaly

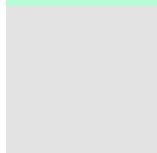
231.1490, -25.7650, -12.1410

# Monochromacy



## Original Color

226.5100, -28.8800, -27.2800



## 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 226.5100, -28.8800, -27.2800 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(182, 252, 212)` looks like.

```
.text, #text, p{  
    color:rgb(182, 252, 212)  
}
```

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(182, 252, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 252, 212) }
```

## Border

The CSS property to change the border of an element to YIQ 226.5100, -28.8800, -27.2800 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(182, 252, 212) }
```



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

```
.border{ border-color:rgb(182, 252, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 252, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 252, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 252, 212);  
box-shadow:4px 4px 4px 4px rgb(182, 252,  
212) }
```

# Background

The CSS property to change the background color of an element to YIQ 226.5100, -28.8800, -27.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 252, 212) }
```

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

```
.background{ background-color: rgb(182,  
252, 212) }
```

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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