

Converting Colors

YIQ(230.1360, -24.8910,
-27.9870)

Have a look what the booklet for
YIQ(230.1360, -24.8910, -27.9870)
contains.

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Color

**YIQ(230.1360, -24.8910,
-27.9870)**

Conversions

Conversions Part 1

Format	Color
Hex	BDFFD2
RGB	189, 255, 210
RGB Percent	74%, 100%, 82%
CMY	0.2590, 0.0000, 0.1765
CMYK	0.26, 0.00, 0.18, 0.00
HSL	139°, 100%, 87%
HSV	139°, 26%, 100%
XYZ	68.3654, 86.9851, 74.1487
YIQ	230.1360, -24.8910, -27.9870

Conversions

Conversions Part 2

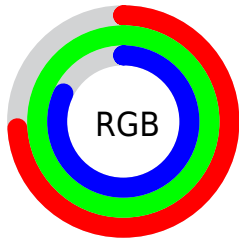
Format	Color
R _{YB}	189, 239, 255
Decimal	12451794
CIE _{Lab}	94.73, -29.30, 14.96
CIE _{LCh}	95, 32.899, 152.956
Y _{xy}	86.9851, 0.2979, 0.3790
Android (android.graphics.Color)	4290641874 (0xFFBDDFFD2)
YUV	230.1360, -9.9270, -36.0763
Hunter-Lab	93.2658, -32.3717, 18.1490

Details

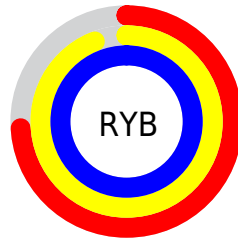
The YIQ color **230.1360, -24.8910, -27.9870** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **213.8640, 24.8910, 27.9870**, and the grayscale version is **230.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **252.3090, -5.3640, -1.9080**, and **173.9620, -24.3410, -26.9410** is the 20% darker color. If you saturate the color by 10%, you get **220.4240, -34.9300, -38.7860**, and if you desaturate by 10%, it is **239.5490, -15.4480, -17.4000**.

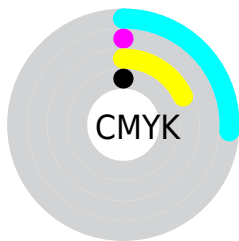
Distribution



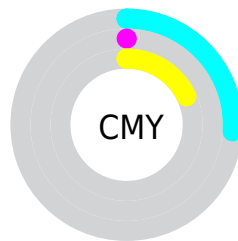
- Red (74%)
- Green (100%)
- Blue (82%)



- Red (74%)
- Yellow (94%)
- Blue (100%)



- Cyan (26%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (26%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 230.1360, -24.8910, -27.9870 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 230.1360, -24.8910, -27.9870 by changing the saturation by 10% instead.


 230.1360,
-24.8910, -27.9870


 230.1360,
-24.8910, -27.9870


255.0000, -0.0000,
-0.0000


 201.5490,
-24.6160, -27.4640


 252.3090, -5.3640,
-1.9080

 173.9620,
-24.3410, -26.9410

 147.3750,
-24.0660, -26.4180

 120.9020,
-24.1120, -25.5840

 95.1300, -24.7540,
-24.9620

 70.0590, -25.9920,
-24.5520

 44.4930, -30.2100,

-25.2020

■ 28.5980, -17.1440,
-19.7040

■ 14.6750, -6.8750,
-13.0750

■ 230.1360,
-24.8910, -27.9870

■ 230.1360,
-24.8910, -27.9870

■ 220.4240,
-34.9300, -38.7860

■ 239.5490,
-15.4480, -17.4000

■ 210.8970,
-44.0520, -49.6840

■ 249.3750, -5.7300,
-6.2900

■ 201.1850,
-54.0910, -60.4830

255.0000, -0.0000,
-0.0000

■ 191.6580,
-63.2130, -71.3810

■ 181.9460,
-73.2520, -82.1800

■ 172.5330,
-82.6950, -92.7670

■ 162.7070,
-92.4130, -103.8770

■ 158.9190,
-96.1260, -108.1740

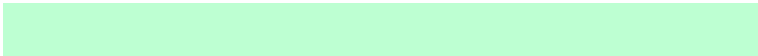
Harmonies

Analogous

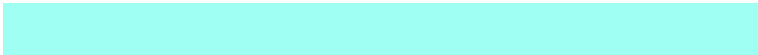
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.0550, 6.1940, -24.1580



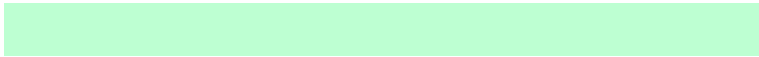
230.1360, -24.8910, -27.9870



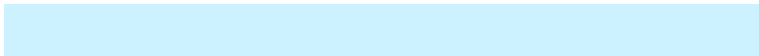
224.5150, -53.6390, -24.6070

Triad

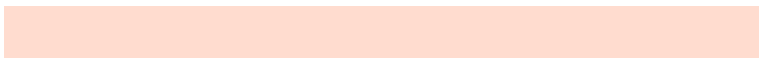
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.1360, -24.8910, -27.9870



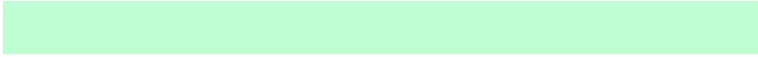
232.4190, -26.2250, -3.8010



228.9830, 25.0330, 3.3770

Complementary

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



230.1360, -24.8910, -27.9870



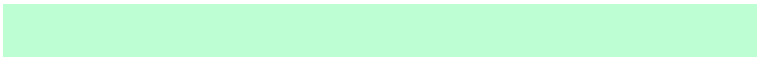
213.8640, 24.8910, 27.9870

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.



230.7560, 15.9070, 14.5870



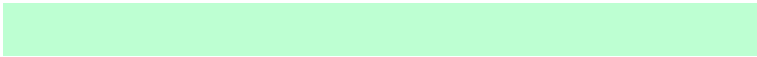
230.1360, -24.8910, -27.9870



239.1180, 3.0240, 11.2800

Square

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



230.1360, -24.8910, -27.9870



225.4430, -53.1360, -17.2000



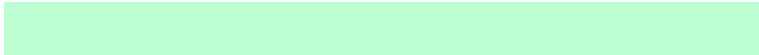
235.0420, 9.3500, 17.7820



231.0570, 30.2160, -7.9600

Rectangle

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



230.1360, -24.8910, -27.9870



222.7080, -64.3680, -22.8960



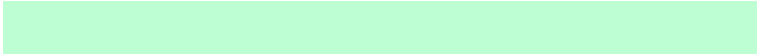
235.0420, 9.3500, 17.7820



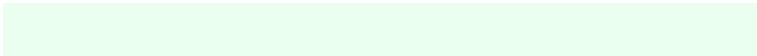
228.9490, 22.3730, 7.5330

Sweetspot

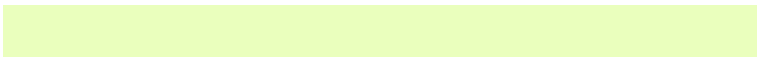
The Sweet Spot groups the original color and five complimentary colors.



230.1360, -24.8910, -27.9870



247.4240, -7.4260, -8.5940



241.1970, 8.6700, -24.9780



123.0870, -4.8590, -5.5550



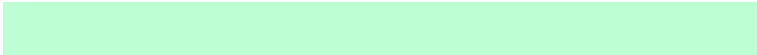
0.0000, 0.0000, 0.0000



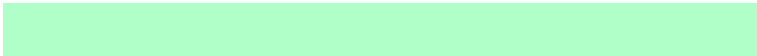
128.0000, -0.0000, -0.0000

Same Dimension

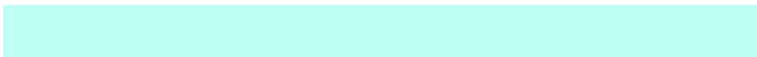
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.1360, -24.8910, -27.9870



225.2230, -29.7500, -33.5420



233.8980, -35.4840, -17.7240



123.0870, -4.8590, -5.5550



119.0710, -72.1060, -80.9220



39.8480, -24.0200, -27.2520

Inverse Universe

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



213.8640, 24.8910, 27.9870



205.7770, 29.7500, 33.5420



210.1020, 35.4840, 17.7240



119.7990, 5.1800, 5.2440



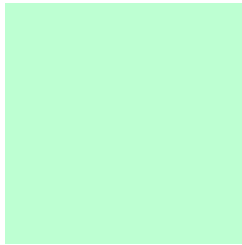
71.9290, 72.1060, 80.9220



24.0380, 24.3410, 26.9410

Previews

White Background



This preview shows how the YIQ color 230.1360, -24.8910, -27.9870 looks on a white background.

Color Contrast Check

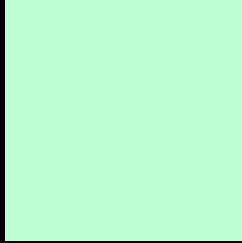
Large Text (above 18pt) WCAG AA × Fail

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 230.1360, -24.8910, -27.9870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

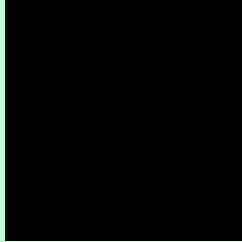
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

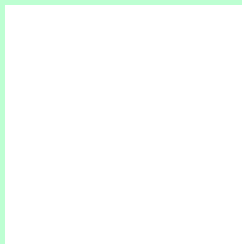
Any Text WCAG AAA ✓ Pass

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

YIQ 230.1360, -24.8910, -27.9870 Background



This preview shows how black text looks on a background with the YIQ color 230.1360, -24.8910, -27.9870.



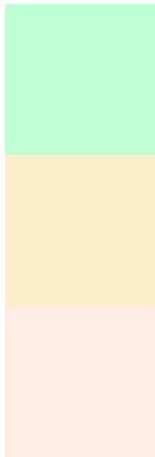
This preview shows how white text looks on a background with the YIQ color 230.1360, -24.8910, -27.9870.

-27.9870.

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

230.1360, -24.8910, -27.9870

Protanopia

238.0820, 19.9000, -8.2280

Deuteranopia

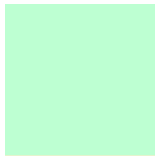
240.1820, 14.1670, 2.0630



Tritanopia

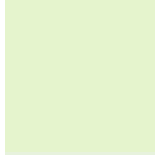
237.4800, -19.0270, -2.0910

Trichromacy



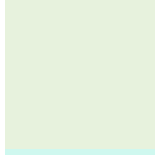
Original Color

230.1360, -24.8910, -27.9870



Protanomaly

235.0690, 3.5790, -15.3090



Deuteranomaly

236.3170, 0.1850, -8.8630



Tritanomaly

234.7150, -21.5470, -11.4910

Monochromacy



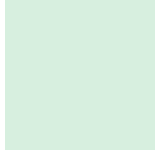
Original Color

230.1360, -24.8910, -27.9870



Achromatopsia

230.0000, -0.0000, 0.0000



Achromatomaly

230.0000, -9.1680, -10.0640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.1360, -24.8910, -27.9870 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(189, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(189, 255, 210)  
}
```

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(189, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 255, 210) }
```

Border

The CSS property to change the border of an element to YIQ 230.1360, -24.8910, -27.9870 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(189, 255, 210) }
```


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

```
.border{ border-color:rgb(189, 255, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 255, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(189, 255,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 230.1360, -24.8910, -27.9870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 255, 210) }
```

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

```
.background{ background-color: rgb(189,  
255, 210) }
```

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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