

Converting Colors

YIQ(230.6890, -27.8260,
-24.3540)

Have a look what the booklet for
YIQ(230.6890, -27.8260, -24.3540)
contains.

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Color

**YIQ(230.6890, -27.8260,
-24.3540)**

Conversions

Conversions Part 1

Format	Color
Hex	BDFEDC
RGB	189, 254, 220
RGB Percent	74%, 100%, 86%
CMY	0.2590, 0.0038, 0.1373
CMYK	0.26, 0.00, 0.13, 0.00
HSL	149°, 97%, 87%
HSV	149°, 26%, 100%
XYZ	69.3410, 86.8802, 80.8101
YIQ	230.6890, -27.8260, -24.3540

Conversions

Conversions Part 2

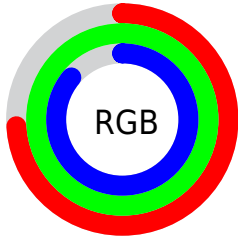
Format	Color
R _{YB}	189, 233, 254
Decimal	12451548
CIE Lab	94.69, -26.99, 9.76
CIE LCh	95, 28.700, 160.114
Yxy	86.8802, 0.2925, 0.3665
Android (android.graphics.Color)	4290641628 (0xFFBDFEDC)
YUV	230.6890, -5.2697, -36.5613
Hunter-Lab	93.2095, -30.3258, 13.8438

Details

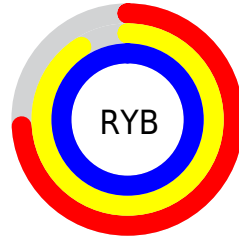
The YIQ color **230.6890, -27.8260, -24.3540** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **212.3110, 27.8260, 24.3540**, and the grayscale version is **231.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **252.3090, -5.3640, -1.9080**, and **174.5150, -27.2760, -23.3080** is the 20% darker color. If you saturate the color by 10%, you get **221.7320, -38.5530, -33.6970**, and if you desaturate by 10%, it is **239.6460, -17.0990, -15.0110**.

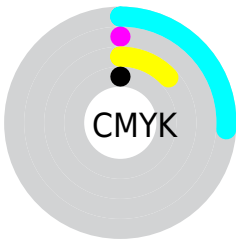
Distribution



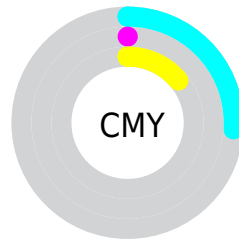
- Red (74%)
- Green (100%)
- Blue (86%)



- Red (74%)
- Yellow (91%)
- Blue (100%)



- Cyan (26%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (26%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.6890, -27.8260, -24.3540 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 230.6890, -27.8260, -24.3540 by changing the saturation by 10% instead.

■ 230.6890,
-27.8260, -24.3540

■ 230.6890,
-27.8260, -24.3540

■ 255.0000, -0.0000,
-0.0000

■ 202.1020,
-27.5510, -23.8310

■ 252.3090, -5.3640,
-1.9080

■ 174.5150,
-27.2760, -23.3080

■ 147.9280,
-27.0010, -22.7850

■ 121.3410,
-26.7260, -22.2620

■ 95.5690, -27.3680,
-21.6400

■ 70.3840, -28.2850,
-21.5410

■ 44.8180, -32.5030,

-22.1910

■ 28.9230, -19.4370,
-16.6930

■ 14.6750, -6.8750,
-13.0750

■ 230.6890,
-27.8260, -24.3540

■ 230.6890,
-27.8260, -24.3540

■ 221.7320,
-38.5530, -33.6970

■ 239.6460,
-17.0990, -15.0110

■ 212.3620,
-49.5550, -43.5630

■ 249.0160, -6.0970,
-5.1450

■ 203.4050,
-60.2820, -52.9060

254.4130, 0.2750,
0.5230

■ 194.1490,
-71.6050, -62.4610

■ 185.1920,
-82.3320, -71.8040

■ 176.1210,
-92.7380, -81.4580

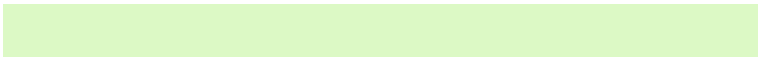
■ 166.8650,
-104.0610, -91.0130

■ 162.8920,
-108.6910, -95.2110

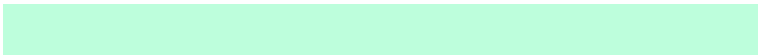
Harmonies

Analogous

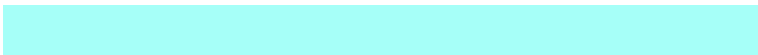
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.4010, -0.5920, -22.3200



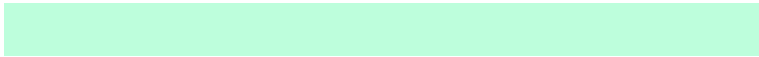
230.6890, -27.8260, -24.3540



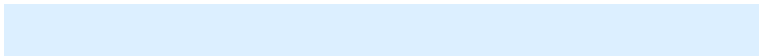
227.5910, -50.7970, -21.0450

Triad

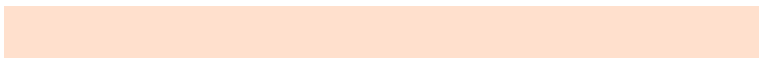
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.6890, -27.8260, -24.3540



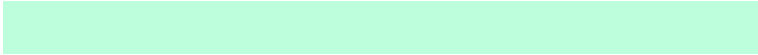
235.1430, -16.4600, 0.9480



231.1030, 24.5750, 0.6630

Complementary

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



230.6890, -27.8260, -24.3540



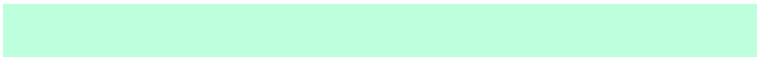
212.3110, 27.8260, 24.3540

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.



231.7190, 17.3290, 10.8410



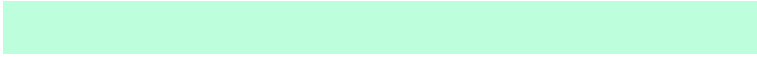
230.6890, -27.8260, -24.3540



239.7380, 7.1500, 13.5980

Square

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



230.6890, -27.8260, -24.3540



229.6620, -40.3910, -11.3910



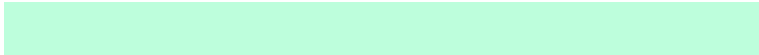
235.6290, 9.0750, 17.2590



233.8610, 27.8320, -8.8080

Rectangle

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



230.6890, -27.8260, -24.3540



226.8940, -56.0240, -19.9280



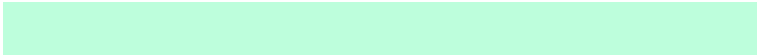
235.6290, 9.0750, 17.2590



230.8410, 22.5570, 4.1970

Sweetspot

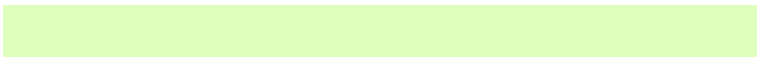
The Sweet Spot groups the original color and five complimentary colors.



230.6890, -27.8260, -24.3540



247.7660, -8.3890, -7.6610



237.6200, 2.9850, -26.5750



123.3150, -5.5010, -4.9330



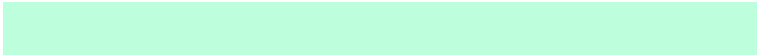
0.0000, 0.0000, 0.0000



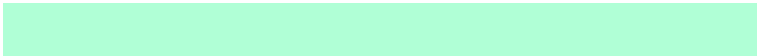
128.0000, -0.0000, -0.0000

Same Dimension

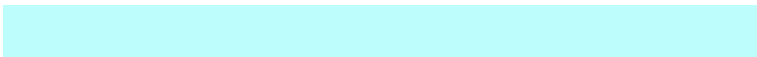
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.6890, -27.8260, -24.3540



226.7050, -33.9230, -29.4990



234.3370, -38.0980, -14.4020



123.3150, -5.5010, -4.9330



122.4910, -81.7360, -71.5920



40.9880, -27.2300, -24.1420

Inverse Universe

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



212.3110, 27.8260, 24.3540



204.2950, 33.9230, 29.4990



208.6630, 38.0980, 14.4020



119.5710, 5.8220, 4.6220



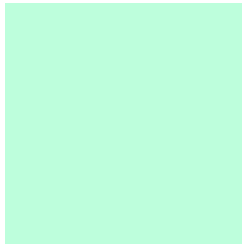
68.5090, 81.7360, 71.5920



22.8980, 27.5510, 23.8310

Previews

White Background



This preview shows how the YIQ color 230.6890, -27.8260, -24.3540 looks on a white background.

Color Contrast Check

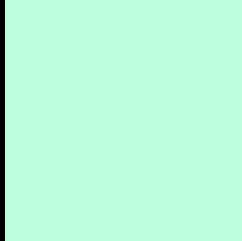
Large Text (above 18pt) WCAG AA × Fail

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 230.6890, -27.8260, -24.3540 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

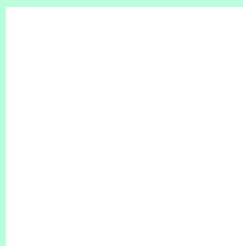
Any Text WCAG AAA ✓ Pass

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

YIQ 230.6890, -27.8260, -24.3540 Background



This preview shows how black text looks on a background with the YIQ color 230.6890, -27.8260, -24.3540.



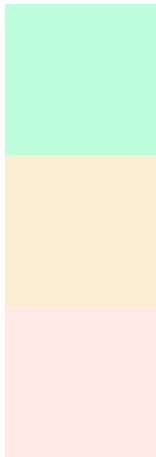
This preview shows how white text looks on a background with the YIQ color 230.6890, -27.8260, -24.3540.

-24.3540.

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

230.6890, -27.8260, -24.3540

Protanopia

238.3250, 14.9020, -5.7540

Deuteranopia

239.9370, 13.4790, 3.5190



Tritanopia

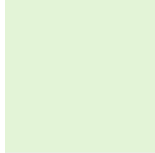
237.4800, -19.0270, -2.0910

Trichromacy



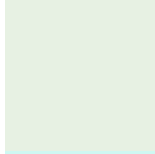
Original Color

230.6890, -27.8260, -24.3540



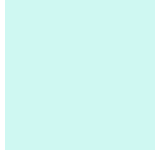
Protanomaly

235.6110, -0.8230, -12.6230



Deuteranomaly

236.4140, -1.4660, -6.4740



Tritanomaly

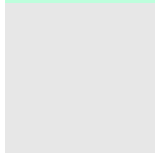
235.0570, -22.5100, -10.5580

Monochromacy



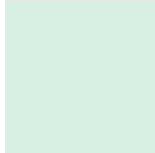
Original Color

230.6890, -27.8260, -24.3540



Achromatopsia

231.0000, -0.0000, -0.0000



Achromatomaly

230.7550, -9.8560, -8.6080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.6890, -27.8260, -24.3540 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, 254, 220)` looks like.

```
.text, #text, p{  
    color:rgb(189, 254, 220)  
}
```

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, 254, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 254, 220) }
```

Border

The CSS property to change the border of an element to YIQ 230.6890, -27.8260, -24.3540 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, 254, 220) }
```


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

```
.border{ border-color:rgb(189, 254, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 254, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 254, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 254, 220);  
box-shadow:4px 4px 4px 4px rgb(189, 254,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 230.6890, -27.8260, -24.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 254, 220) }
```

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

```
.background{ background-color: rgb(189,  
254, 220) }
```

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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