

Converting Colors

YIQ(232.6970, -13.1090,
-21.2450)

Have a look what the booklet for
YIQ(232.6970, -13.1090, -21.2450)
contains.

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Color

**YIQ(232.6970, -13.1090,
-21.2450)**

Conversions

Conversions Part 1

Format	Color
Hex	CFFAD3
RGB	207, 250, 211
RGB Percent	81%, 98%, 83%
CMY	0.1884, 0.0195, 0.1726
CMYK	0.17, 0.00, 0.16, 0.02
HSL	126°, 81%, 90%
HSV	126°, 17%, 98%
XYZ	71.6715, 86.3460, 74.5133
YIQ	232.6970, -13.1090, -21.2450

Conversions

Conversions Part 2

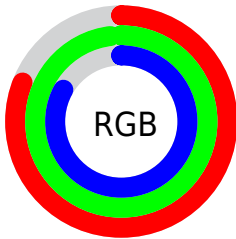
Format	Color
R_{YB}	207, 246, 250
Decimal	13630163
CIE _{Lab}	94.46, -21.02, 14.20
CIE _{LCh}	94, 25.369, 145.959
Yxy	86.3460, 0.3082, 0.3713
Android (android.graphics.Color)	4291820243 (0xFFCFFAD3)
YUV	232.6970, -10.6966, -22.5363
Hunter-Lab	92.9225, -24.9368, 17.5019

Details

The YIQ color $232.6970, -13.1090, -21.2450$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $224.3030, 13.1090, 21.2450$, and the grayscale version is $233.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $176.5230, -12.5590, -20.1990$ is the 20% darker color. If you saturate the color by 10%, you get $222.6000, -20.6260, -33.6980$, and if you desaturate by 10%, it is $242.7940, -5.5920, -8.7920$.

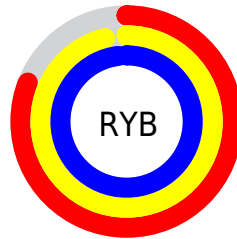
Distribution



Red (81%)

Green (98%)

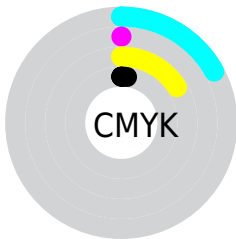
Blue (83%)



Red (81%)

Yellow (96%)

Blue (98%)

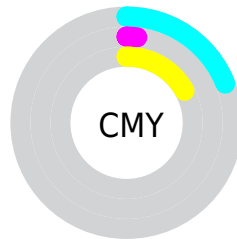


Cyan (17%)

Magenta (0%)

Yellow (16%)

Black (2%)



Cyan (19%)

Magenta (2%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 232.6970, -13.1090, -21.2450 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 232.6970, -13.1090, -21.2450 by changing the saturation by 10% instead.

■ 232.6970,
-13.1090, -21.2450

■ 232.6970,
-13.1090, -21.2450

255.0000, -0.0000,
-0.0000

■ 204.1100,
-12.8340, -20.7220

■ 176.5230,
-12.5590, -20.1990

■ 149.9360,
-12.2840, -19.6760

■ 124.0500,
-12.6050, -19.3650

■ 98.8760, -12.0550,
-18.3190

■ 74.4030, -12.1010,
-17.4850

■ 51.5170, -12.4220,

-17.1740

■ 28.4460, -13.6600,
-16.7640

■ 14.0880, -6.6000,
-12.5520

■ 232.6970,
-13.1090, -21.2450

■ 232.6970,
-13.1090, -21.2450

■ 222.6000,
-20.6260, -33.6980

■ 242.7940, -5.5920,
-8.7920

■ 212.6170,
-28.4640, -45.8400

■ 252.0650, 1.3750,
2.6150

■ 202.5200,
-35.9810, -58.2930

■ 192.4230,
-43.4980, -70.7460

■ 182.4400,
-51.3360, -82.8880

■ 172.3430,
-58.8530, -95.3410

■ 162.2460,
-66.3700, -107.7940

■ 152.2630,
-74.2080, -119.9360

■ 149.3720,
-76.1330, -123.5970

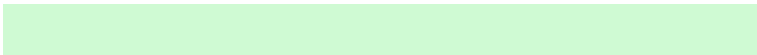
Harmonies

Analogous

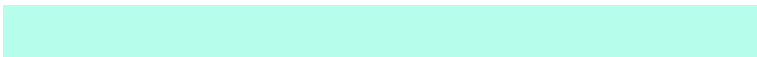
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.7230, 10.3650, -17.1470



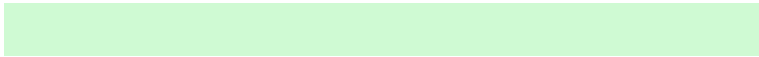
232.6970, -13.1090, -21.2450



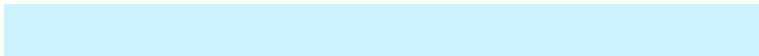
230.0180, -35.9420, -20.4380

Triad

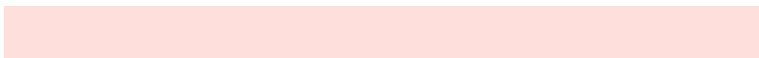
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.6970, -13.1090, -21.2450



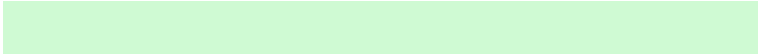
233.0170, -25.0330, -3.3770



232.1120, 20.3560, 5.5400

Complementary

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



232.6970, -13.1090, -21.2450



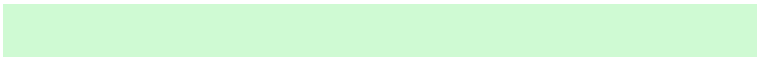
224.3030, 13.1090, 21.2450

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.



234.2610, 12.9270, 13.5270



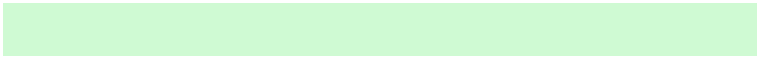
232.6970, -13.1090, -21.2450



237.8890, -3.7610, 7.5910

Square

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



232.6970, -13.1090, -21.2450



229.3520, -42.4540, -12.5500



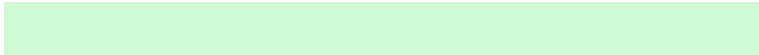
237.9770, 7.9750, 15.1670



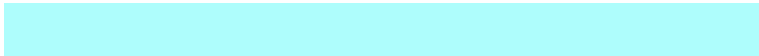
232.7670, 25.4010, -3.2950

Rectangle

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



232.6970, -13.1090, -21.2450



229.2650, -46.7630, -17.0590



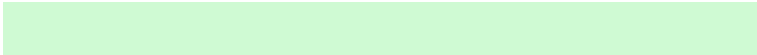
237.9770, 7.9750, 15.1670



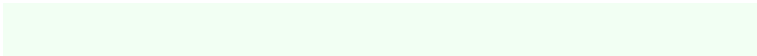
232.4370, 18.0630, 8.5510

Sweetspot

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



232.6970, -13.1090, -21.2450



249.7450, -3.8960, -6.4880



243.9020, 11.4190, -14.2210



124.8100, -2.5210, -3.8730



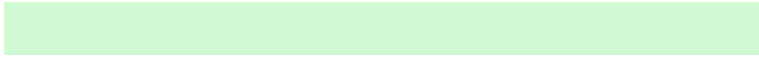
0.0000, 0.0000, 0.0000



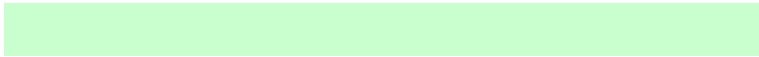
128.0000, -0.0000, -0.0000

Same Dimension

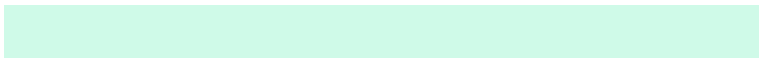
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.6970, -13.1090, -21.2450



233.2680, -16.4550, -26.6870



235.0910, -19.8500, -14.7140



119.8590, -4.2170, -6.1770



112.9950, -57.7530, -93.2490



36.4910, -18.7010, -30.0370

Inverse Universe

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



224.3030, 13.1090, 21.2450



222.7320, 16.4550, 26.6870



221.9090, 19.8500, 14.7140



117.2550, 3.8960, 6.4880



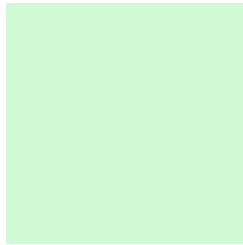
76.0050, 57.7530, 93.2490



24.5090, 18.7010, 30.0370

Previews

White Background



This preview shows how the YIQ color 232.6970, -13.1090, -21.2450 looks on a white background.

Color Contrast Check

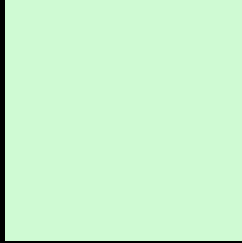
Large Text (above 18pt) WCAG AA × Fail

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 232.6970, -13.1090, -21.2450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

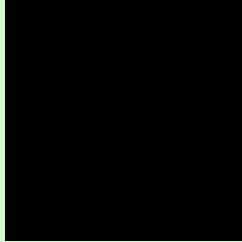
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

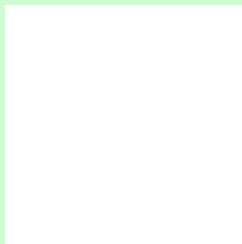
Any Text WCAG AAA ✓ Pass

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

YIQ 232.6970, -13.1090, -21.2450 Background



This preview shows how black text looks on a background with the YIQ color 232.6970, -13.1090, -21.2450.



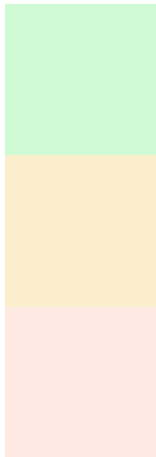
This preview shows how white text looks on a background with the YIQ color 232.6970, -13.1090, -21.2450.

-21.2450.

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

232.6970, -13.1090, -21.2450

Protanopia

237.8260, 17.7450, -7.7190

Deuteranopia

239.4810, 14.7630, 2.2750



Tritanopia

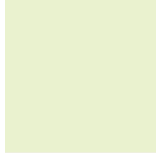
237.2140, -15.2220, 0.5380

Trichromacy



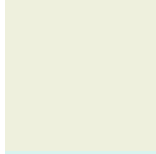
Original Color

232.6970, -13.1090, -21.2450



Protanomaly

235.6180, 6.4670, -12.5810



Deuteranomaly

237.2360, 4.9070, -6.3330



Tritanomaly

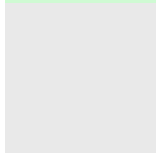
235.3570, -14.4870, -7.2790

Monochromacy



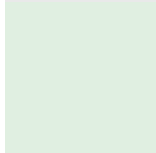
Original Color

232.6970, -13.1090, -21.2450



Achromatopsia

233.0000, -0.0000, -0.0000



Achromatomaly

232.9190, -4.4460, -7.5340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 232.6970, -13.1090, -21.2450 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(207, 250, 211)` looks like.

```
.text, #text, p{  
    color:rgb(207, 250, 211)  
}
```

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(207, 250, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 250, 211) }
```

Border

The CSS property to change the border of an element to YIQ 232.6970, -13.1090, -21.2450 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(207, 250, 211) }
```


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

```
.border{ border-color:rgb(207, 250, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 250, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 250, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 250, 211);  
box-shadow:4px 4px 4px 4px rgb(207, 250,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 232.6970, -13.1090, -21.2450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 250, 211) }
```

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

```
.background{ background-color: rgb(207,  
250, 211) }
```

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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