

Converting Colors

YIQ(231.8490, -7.4250,
-14.1210)

Have a look what the booklet for
YIQ(231.8490, -7.4250, -14.1210)
contains.

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Color

**YIQ(231.8490, -7.4250,
-14.1210)**

Conversions

Conversions Part 1

Format	Color
Hex	D8F3D8
RGB	216, 243, 216
RGB Percent	85%, 95%, 85%
CMY	0.1530, 0.0470, 0.1529
CMYK	0.11, 0.00, 0.11, 0.05
HSL	120°, 53%, 90%
HSV	120°, 11%, 95%
XYZ	72.7612, 83.6615, 77.2776
YIQ	231.8490, -7.4250, -14.1210

Conversions

Conversions Part 2

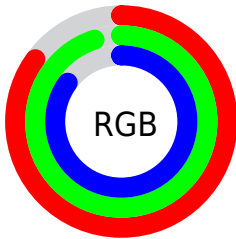
Format	Color
RYB	216, 243, 243
Decimal	14218200
CIELab	93.30, -13.74, 10.05
CIElCh	93, 17.026, 143.807
Yxy	83.6615, 0.3113, 0.3580
Android (android.graphics.Color)	4292408280 (0xFFD8F3D8)
YUV	231.8490, -7.8136, -13.8996
Hunter-Lab	91.4666, -18.0710, 13.9342

Details

The YIQ color $231.8490, -7.4250, -14.1210$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $227.1510, 7.4250, 14.1210$, and the grayscale version is $232.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $176.2620, -7.1500, -13.5980$ is the 20% darker color. If you saturate the color by 10%, you get $221.9370, -14.0250, -26.6730$, and if you desaturate by 10%, it is $241.7610, -0.8250, -1.5690$.

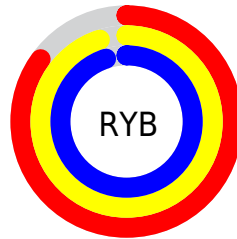
Distribution



Red (85%)

Green (95%)

Blue (85%)



Red (85%)

Yellow (95%)

Blue (95%)

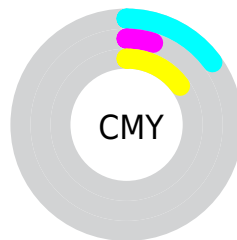


Cyan (11%)

Magenta (0%)

Yellow (11%)

Black (5%)



Cyan (15%)

Magenta (5%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.8490, -7.4250, -14.1210 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 231.8490, -7.4250, -14.1210 by changing the saturation by 10% instead.

■ 231.8490, -7.4250,
-14.1210

■ 231.8490, -7.4250,
-14.1210

255.0000, -0.0000,
-0.0000

■ 203.8490, -7.4250,
-14.1210

■ 176.2620, -7.1500,
-13.5980

■ 149.6750, -6.8750,
-13.0750

■ 123.7890, -7.1960,
-12.7640

■ 98.5010, -6.3250,
-12.0290

■ 74.6150, -6.6460,
-11.7180

■ 52.0280, -6.3710,

-11.1950

■ 30.5550, -6.4170,
-10.3610

■ 11.1530, -5.2250,
-9.9370

■ 231.8490, -7.4250,
-14.1210

■ 231.8490, -7.4250,
-14.1210

■ 221.9370,
-14.0250, -26.6730

■ 241.7610, -0.8250,
-1.5690

■ 211.6120,
-20.9000, -39.7480

■ 247.9560, 3.3000,
6.2760

■ 201.7000,
-27.5000, -52.3000

■ 191.7880,
-34.1000, -64.8520

■ 181.5770,
-41.2960, -77.6160

■ 171.5510,
-47.5750, -90.4790

■ 161.6390,
-54.1750, -103.0310

■ 151.7270,
-60.7750, -115.5830

■ 142.6410,
-66.8250, -127.0890

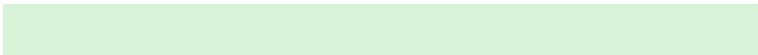
Harmonies

Analogous

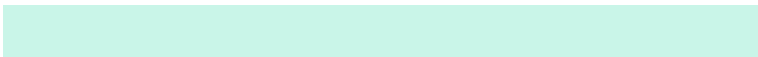
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.0420, 8.2090, -11.1110



231.8490, -7.4250, -14.1210



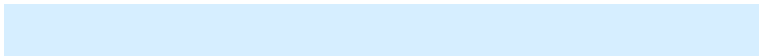
230.3620, -22.0510, -13.3710

Triad

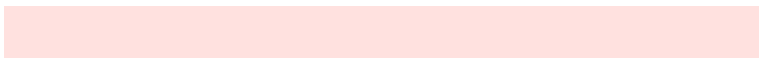
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.8490, -7.4250, -14.1210



232.7620, -19.7610, 0.1990



233.7420, 18.5220, 5.7380

Complementary

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



231.8490, -7.4250, -14.1210



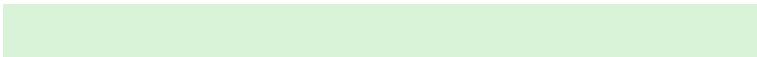
227.1510, 7.4250, 14.1210

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.



235.6800, 13.0650, 11.0250



231.8490, -7.4250, -14.1210



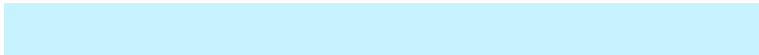
236.1060, -5.8700, 7.2660

Square

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



231.8490, -7.4250, -14.1210



231.2120, -30.0760, -5.5960



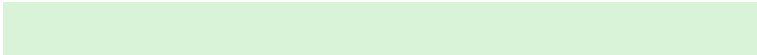
238.8520, 6.8290, 13.9090



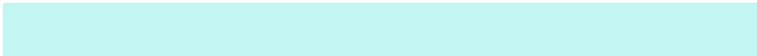
234.0210, 21.8700, 0.1260

Rectangle

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



231.8490, -7.4250, -14.1210



230.4090, -29.4330, -11.7450



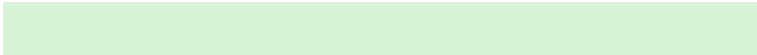
238.8520, 6.8290, 13.9090



234.4260, 16.5960, 7.6040

Sweetspot

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



231.8490, -7.4250, -14.1210



251.6960, -2.2000, -4.1840



239.9220, 8.6670, -8.3970



125.5220, -1.6500, -3.1380



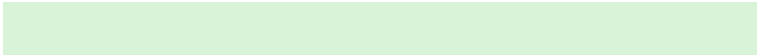
0.0000, 0.0000, 0.0000



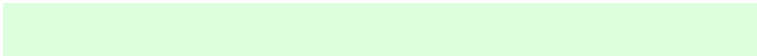
128.0000, -0.0000, -0.0000

Same Dimension

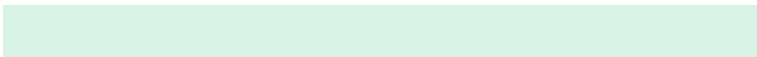
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.8490, -7.4250, -14.1210



241.3710, -9.0750, -17.2590



233.3310, -11.5980, -10.0780



117.0440, -3.3000, -6.2760



109.1820, -51.1500, -97.2780



34.6330, -16.2250, -30.8570

Inverse Universe

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



227.1510, 7.4250, 14.1210



235.6290, 9.0750, 17.2590



225.5550, 11.9190, 9.7670



114.9560, 3.3000, 6.2760



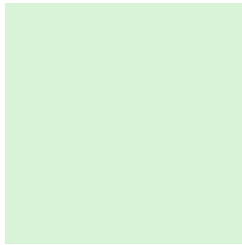
76.8180, 51.1500, 97.2780



24.3670, 16.2250, 30.8570

Previews

White Background



This preview shows how the YIQ color 231.8490, -7.4250, -14.1210 looks on a white background.

Color Contrast Check

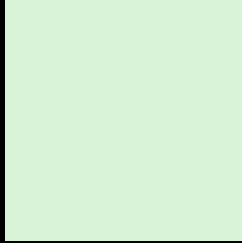
Large Text (above 18pt) WCAG AA × Fail

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 231.8490, -7.4250, -14.1210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

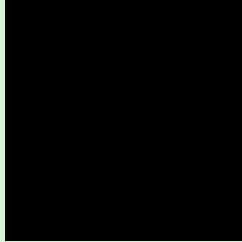
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

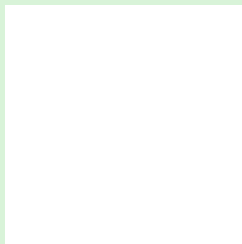
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 231.8490, -7.4250, -14.1210

Background



This preview shows how black text looks on a background with the YIQ color 231.8490, -7.4250, -14.1210.



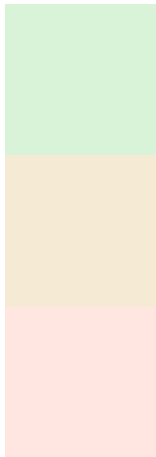
This preview shows how white text looks on a background with the YIQ color 231.8490, -7.4250,

-14.1210.

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
Protanopia
Deuteranopia

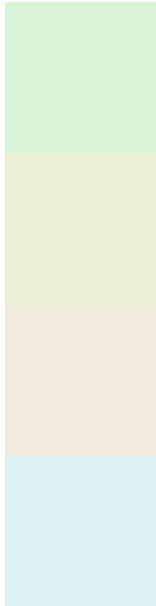
231.8490, -7.4250, -14.1210
235.3680, 13.3430, -5.0330
236.9050, 16.5050, 3.7450



Tritanopia

234.8660, -14.1220, 2.6300

Trichromacy



Original Color

231.8490, -7.4250, -14.1210

Protanomaly

233.9540, 5.6410, -8.6230

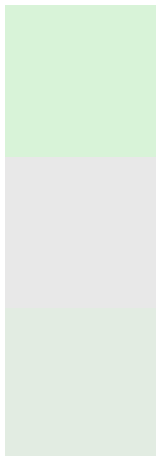
Deuteranomaly

235.3120, 7.7490, -2.7710

Tritanomaly

233.5470, -11.9660, -3.4060

Monochromacy



Original Color

231.8490, -7.4250, -14.1210

Achromatopsia

232.0000, -0.0000, 0.0000

Achromatomaly

231.8700, -2.7500, -5.2300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.8490, -7.4250, -14.1210 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(216, 243, 216)` looks like.

```
.text, #text, p{  
    color:rgb(216, 243, 216)  
}
```

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(216, 243, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 243, 216) }
```

Border

The CSS property to change the border of an element to YIQ 231.8490, -7.4250, -14.1210 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(216, 243, 216) }
```


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

```
.border{ border-color:rgb(216, 243, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 243, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 243, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 243, 216);  
box-shadow:4px 4px 4px 4px rgb(216, 243,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 231.8490, -7.4250, -14.1210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 243, 216) }
```

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

```
.background{ background-color: rgb(216,  
243, 216) }
```

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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