

Converting Colors

YIQ(231.8470, 4.0840, -18.9560)

Have a look what the booklet for
YIQ(231.8470, 4.0840, -18.9560)
contains.

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Color

**YIQ(231.8470, 4.0840,
-18.9560)**

Conversions

Conversions Part 1

Format	Color
Hex	E0F3C3
RGB	224, 243, 195
RGB Percent	88%, 95%, 76%
CMY	0.1216, 0.0470, 0.2352
CMYK	0.08, 0.00, 0.20, 0.05
HSL	84°, 67%, 86%
HSV	84°, 20%, 95%
XYZ	72.6393, 83.8909, 64.0019
YIQ	231.8470, 4.0840, -18.9560

Conversions

Conversions Part 2

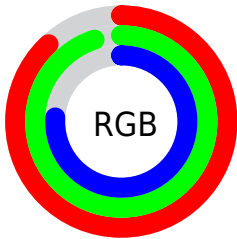
Format	Color
RYB	195, 243, 214
Decimal	14742467
CIELab	93.40, -14.43, 21.09
CIELCh	93, 25.552, 124.374
Yxy	83.8909, 0.3294, 0.3804
Android (android.graphics.Color)	4292932547 (0xFFE0F3C3)
YUV	231.8470, -18.1656, -6.8818
Hunter-Lab	91.5920, -18.7219, 22.6842

Details

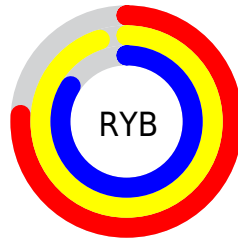
The YIQ color $231.8470, 4.0840, -18.9560$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $206.1530, -4.0840, 18.9560$, and the grayscale version is $232.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.6580, 0.9630, -0.9330$, and $176.0750, 3.4420, -18.3340$ is the 20% darker color. If you saturate the color by 10%, you get $226.1210, 5.8280, -28.5400$, and if you desaturate by 10%, it is $237.5730, 2.3400, -9.3720$.

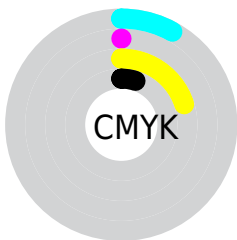
Distribution



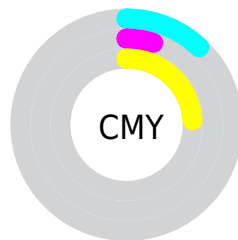
- Red (88%)
- Green (95%)
- Blue (76%)



- Red (76%)
- Yellow (95%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (20%)
- Black (5%)



- Cyan (12%)
- Magenta (5%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.8470, 4.0840, -18.9560 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 231.8470, 4.0840, -18.9560 by changing the saturation by 10% instead.

■ 231.8470, 4.0840,
-18.9560

■ 231.8470, 4.0840,
-18.9560

255.0000, -0.0000,
-0.0000

■ 203.9610, 3.7630,
-18.6450

254.6580, 0.9630,
-0.9330

■ 176.0750, 3.4420,
-18.3340

■ 149.4880, 3.7170,
-17.8110

■ 123.7160, 3.0750,
-17.1890

■ 98.2430, 3.0290,
-16.3550

■ 74.3570, 2.7080,
-16.0440

■ 51.5850, 2.0660,

-15.4220

■ 30.0690, 3.5790,
-15.3090

■ 11.7400, -5.5000,
-10.4600

■ 231.8470, 4.0840,
-18.9560

■ 231.8470, 4.0840,
-18.9560

■ 226.1210, 5.8280,
-28.5400

■ 237.5730, 2.3400,
-9.3720

■ 220.5800, 8.4890,
-38.2230

■ 243.1140, -0.3210,
0.3110

■ 214.8540, 10.2330,
-47.8070

■ 247.3580, 2.1080,
5.8520

■ 209.1280, 11.9770,
-57.3910

■ 247.9560, 3.3000,
6.2760

■ 203.7010, 14.3170,
-66.7630

■ 197.8610, 16.3820,
-76.6580

■ 192.4340, 18.7220,
-86.0300

■ 186.7080, 20.4660,
-95.6140

■ 186.5940, 20.7870,
-95.9250

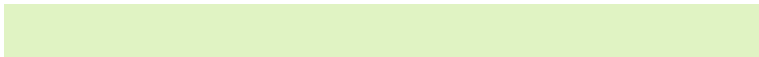
Harmonies

Analogous

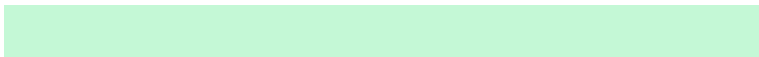
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.8990, 24.6690, -12.0590



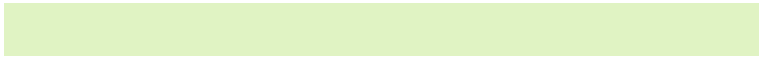
231.8470, 4.0840, -18.9560



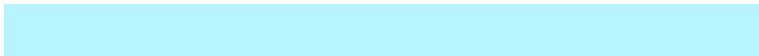
228.5760, -20.0780, -21.5980

Triad

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



231.8470, 4.0840, -18.9560



227.0150, -39.8870, -9.5110



231.3600, 16.9620, 11.9860

Complementary

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



231.8470, 4.0840, -18.9560



206.1530, -4.0840, 18.9560

Split Complementary

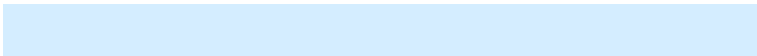
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235.6290, 9.0750, 17.2590



231.8470, 4.0840, -18.9560



231.5770, -20.6780, 0.2980

Square

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



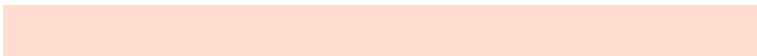
231.8470, 4.0840, -18.9560



225.7640, -49.6060, -15.0940



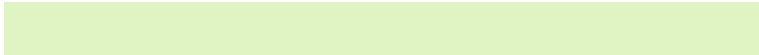
236.7480, 1.1900, 11.4780



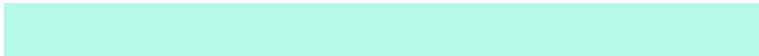
229.7980, 24.1160, 3.4760

Rectangle

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



231.8470, 4.0840, -18.9560



227.0890, -34.7040, -20.8480



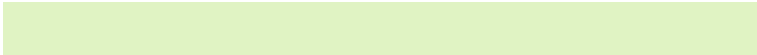
236.7480, 1.1900, 11.4780



232.3860, 14.0730, 14.7850

Sweetspot

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



231.8470, 4.0840, -18.9560



251.4960, 1.2390, -5.9370



219.9180, 23.6580, 0.7620



125.7780, 0.5050, -3.6470



0.0000, 0.0000, 0.0000



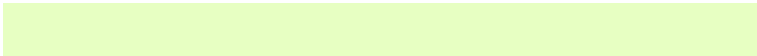
128.0000, -0.0000, -0.0000

Same Dimension

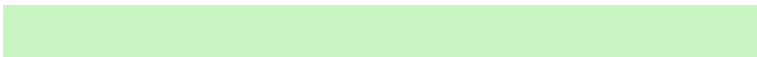
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.8470, 4.0840, -18.9560



240.8700, 5.2770, -24.0590



224.9700, -9.6240, -23.8320



119.4360, 1.4680, -4.5800



142.6700, 15.6020, -73.5340



45.0980, 4.6350, -23.4370

Inverse Universe

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



206.1530, -4.0840, 18.9560



208.1300, -5.2770, 24.0590



213.0300, 9.6240, 23.8320



112.8630, -0.8720, 4.7920



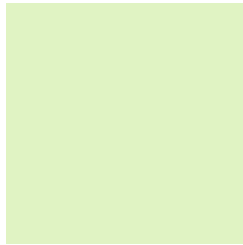
43.3300, -15.6020, 73.5340



13.6030, -5.2310, 23.2250

Previews

White Background



This preview shows how the YIQ color 231.8470, 4.0840, -18.9560 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 231.8470, 4.0840, -18.9560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

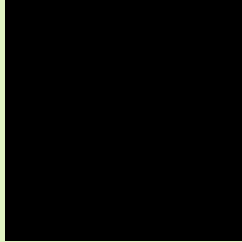
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

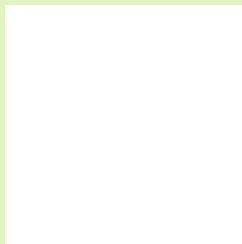
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 231.8470, 4.0840, -18.9560

Background



This preview shows how black text looks on a background with the YIQ color 231.8470, 4.0840, -18.9560.



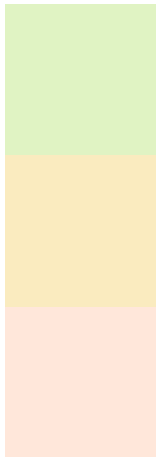
This preview shows how white text looks on a background with the YIQ color 231.8470, 4.0840, -18.9560.

-18.9560.

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

231.8470, 4.0840, -18.9560

Protanopia

234.4690, 23.0640, -10.5040

Deuteranopia

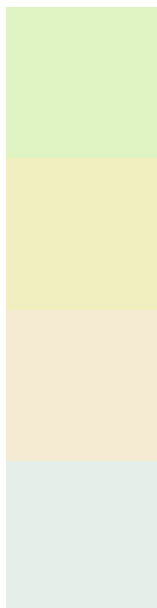
236.6940, 18.4770, 1.0450



Tritanopia

236.5680, -7.2910, 5.4850

Trichromacy



Original Color

231.8470, 4.0840, -18.9560

Protanomaly

233.6530, 16.5540, -13.6700

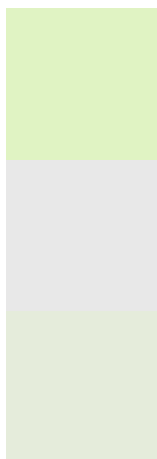
Deuteranomaly

234.8410, 13.3890, -5.8670

Tritanomaly

235.0380, -3.1630, -3.2510

Monochromacy



Original Color

231.8470, 4.0840, -18.9560

Achromatopsia

232.0000, -0.0000, 0.0000

Achromatomaly

231.9690, 1.2850, -6.7710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.8470, 4.0840, -18.9560 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(224, 243, 195)` looks like.

```
.text, #text, p{  
    color:rgb(224, 243, 195)  
}
```

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(224, 243, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 243, 195) }
```

Border

The CSS property to change the border of an element to YIQ 231.8470, 4.0840, -18.9560 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(224, 243, 195) }
```


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

```
.border{ border-color:rgb(224, 243, 195) }
```

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

Here you see how a box with a 4 pixel rgb(224, 243, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 243, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 243, 195);  
box-shadow:4px 4px 4px 4px rgb(224, 243,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 231.8470, 4.0840, -18.9560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 243, 195) }
```

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

```
.background{ background-color: rgb(224,  
243, 195) }
```

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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