

Converting Colors

YIQ(244.4630, 14.0330,
-17.5430)

Have a look what the booklet for
YIQ(244.4630, 14.0330, -17.5430)
contains.

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Color

**YIQ(244.4630, 14.0330,
-17.5430)**

Conversions

Conversions Part 1

Format	Color
Hex	F7FCC7
RGB	247, 252, 199
RGB Percent	97%, 99%, 78%
CMY	0.0314, 0.0117, 0.2195
CMYK	0.02, 0.00, 0.21, 0.01
HSL	66°, 90%, 88%
HSV	66°, 21%, 99%
XYZ	83.4764, 93.5188, 67.6991
YIQ	244.4630, 14.0330, -17.5430

Conversions

Conversions Part 2

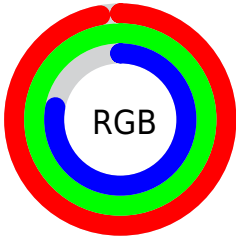
Format	Color
RYB	199, 252, 204
Decimal	16252103
CIELab	97.44, -10.13, 24.88
CIElCh	97, 26.863, 112.151
Yxy	93.5188, 0.3411, 0.3822
Android (android.graphics.Color)	4294442183 (0xFFFF7FCC7)
YUV	244.4630, -22.4133, 2.2249
Hunter-Lab	96.7051, -15.1517, 26.1872

Details

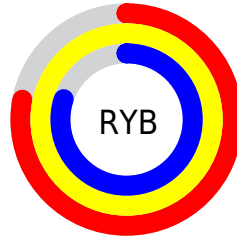
The YIQ color $244.4630, 14.0330, -17.5430$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $206.5370, -14.0330, 17.5430$, and the grayscale version is $245.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $187.8050, 13.0700, -16.6100$ is the 20% darker color. If you saturate the color by 10%, you get $241.0150, 20.8660, -25.7420$, and if you desaturate by 10%, it is $247.9110, 7.2000, -9.3440$.

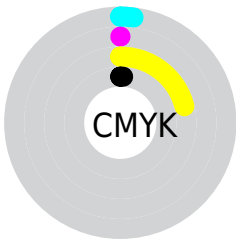
Distribution



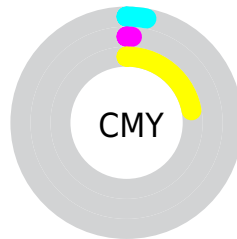
- Red (97%)
- Green (99%)
- Blue (78%)



- Red (78%)
- Yellow (99%)
- Blue (80%)



- Cyan (2%)
- Magenta (0%)
- Yellow (21%)
- Black (1%)



- Cyan (3%)
- Magenta (1%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 244.4630, 14.0330, -17.5430 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 244.4630, 14.0330, -17.5430 by changing the saturation by 10% instead.

244.4630, 14.0330,
-17.5430

244.4630, 14.0330,
-17.5430

255.0000, -0.0000,
-0.0000

215.6910, 13.3910,
-16.9210

187.8050, 13.0700,
-16.6100

160.9190, 12.7490,
-16.2990

134.7340, 11.8320,
-16.2000

109.2610, 11.7860,
-15.3660

85.0760, 10.8690,
-15.2670

61.3040, 10.2270,

-14.6450

■ 38.6630, 10.5940,
-15.7900

■ 19.7470, 1.7900,
-10.4180

■ 244.4630, 14.0330,
-17.5430

■ 244.4630, 14.0330,
-17.5430

■ 241.0150, 20.8660,
-25.7420

■ 247.9110, 7.2000,
-9.3440

■ 237.2680, 27.1030,
-34.1530

■ 251.6580, 0.9630,
-0.9330

■ 233.7060, 34.2570,
-42.6630

■ 252.9400, 0.2290,
1.3570

■ 229.9590, 40.4940,
-51.0740

■ 253.2390, 0.8250,
1.5690

■ 226.5110, 47.3270,
-59.2730

■ 223.0630, 54.1600,
-67.4720

■ 219.3160, 60.3970,
-75.8830

■ 216.0960, 66.5880,
-83.4600

Harmonies

Analogous

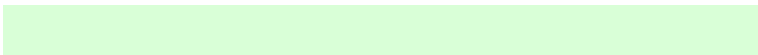
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.8170, 21.9640, -12.5960



244.4630, 14.0330, -17.5430



239.0780, -9.8080, -20.4960

Triad

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



244.4630, 14.0330, -17.5430



233.1730, -43.5080, -15.4760



240.3250, 6.8750, 13.0750

Complementary

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



244.4630, 14.0330, -17.5430



206.5370, -14.0330, 17.5430

Split Complementary

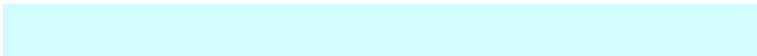
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243.2600, 5.5000, 10.4600



244.4630, 14.0330, -17.5430



239.1860, -27.1870, -8.3950

Square

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



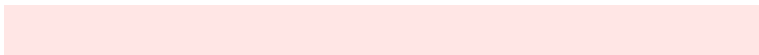
244.4630, 14.0330, -17.5430



231.3790, -47.0840, -16.7480



244.3680, -3.8520, 3.7320



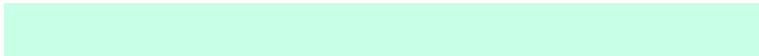
237.3610, 15.2210, 4.9890

Rectangle

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



244.4630, 14.0330, -17.5430



235.5200, -25.6720, -19.3360



244.3680, -3.8520, 3.7320



240.9120, 6.6000, 12.5520

Sweetspot

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



244.4630, 14.0330, -17.5430



252.9910, 4.2190, -4.8770



217.1950, 30.4880, 9.1440



126.6750, 2.2930, -3.0110



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

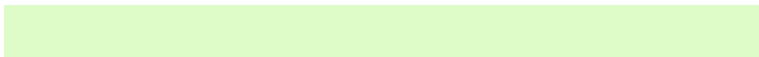
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.4630, 14.0330, -17.5430



245.9100, 16.9680, -21.1760



236.6890, -1.4630, -23.0550



123.2190, 3.5770, -4.2550



162.0720, 49.9410, -62.5950



52.2520, 16.0050, -20.2430

Inverse Universe

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



206.5370, -14.0330, 17.5430



200.0900, -16.9680, 21.1760



214.3110, 1.4630, 23.0550



114.0800, -2.9810, 4.4670



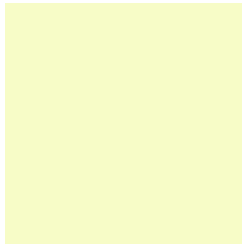
26.9280, -49.9410, 62.5950



8.7480, -16.0050, 20.2430

Previews

White Background



This preview shows how the YIQ color 244.4630, 14.0330, -17.5430 looks on a white background.

Color Contrast Check

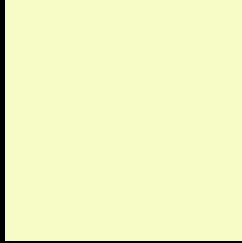
Large Text (above 18pt) WCAG AA × Fail

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 244.4630, 14.0330, -17.5430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

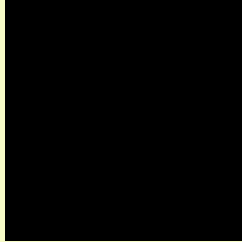
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 244.4630, 14.0330, -17.5430

Background



This preview shows how black text looks on a background with the YIQ color 244.4630, 14.0330, -17.5430.



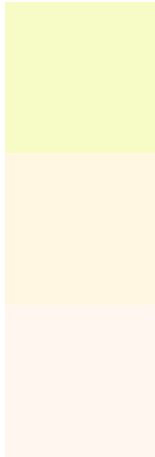
This preview shows how white text looks on a background with the YIQ color 244.4630, 14.0330, -17.5430.

-17.5430.

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

244.4630, 14.0330, -17.5430

Protanopia

246.8840, 11.8300, -5.1460

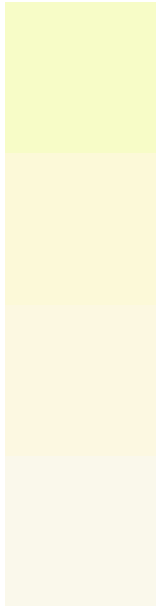
Deuteranopia

248.0070, 7.2900, 0.0420

Tritanopia

248.8200, 0.6870, 4.0710

Trichromacy



Original Color

244.4630, 14.0330, -17.5430

Protanomaly

246.1350, 12.3810, -9.6270

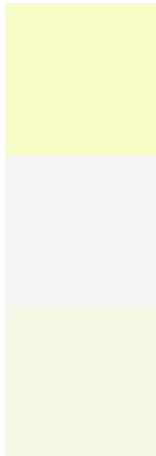
Deuteranomaly

246.5740, 9.7670, -6.3050

Tritanomaly

247.1160, 5.3650, -3.6190

Monochromacy



Original Color

244.4630, 14.0330, -17.5430

Achromatopsia

244.0000, 0.0000, -0.0000

Achromatomaly

244.2360, 4.9070, -6.3330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 244.4630, 14.0330, -17.5430 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(247, 252, 199)` looks like.

```
.text, #text, p{  
    color:rgb(247, 252, 199)  
}
```

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(247, 252, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 252, 199) }
```

Border

The CSS property to change the border of an element to YIQ 244.4630, 14.0330, -17.5430 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(247, 252, 199) }
```


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

```
.border{ border-color:rgb(247, 252, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 252, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 252, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 252, 199);  
box-shadow:4px 4px 4px 4px rgb(247, 252,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 244.4630, 14.0330, -17.5430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 252, 199) }
```

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

```
.background{ background-color: rgb(247,  
252, 199) }
```

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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