

Converting Colors

YIQ(248.8030, 7.3840, -12.6800)

Have a look what the booklet for
YIQ(248.8030, 7.3840, -12.6800)
contains.

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Color

**YIQ(248.8030, 7.3840,
-12.6800)**

Conversions

Conversions Part 1

Format	Color
Hex	F8FFDB
RGB	248, 255, 219
RGB Percent	97%, 100%, 86%
CMY	0.0275, 0.0000, 0.1411
CMYK	0.03, 0.00, 0.14, 0.00
HSL	72°, 100%, 93%
HSV	72°, 14%, 100%
XYZ	87.2560, 96.5899, 81.0727
YIQ	248.8030, 7.3840, -12.6800

Conversions

Conversions Part 2

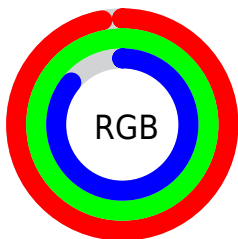
Format	Color
R _Y B	219, 255, 226
Decimal	16318427
CIE Lab	98.67, -8.30, 16.43
CIE LCh	99, 18.406, 116.817
Yxy	96.5899, 0.3294, 0.3646
Android (android.graphics.Color)	4294508507 (0xFFF8FFDB)
YUV	248.8030, -14.6929, -0.7042
Hunter-Lab	98.2802, -13.5128, 19.8869

Details

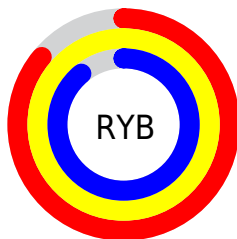
The YIQ color $248.8030, 7.3840, -12.6800$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $225.1970, -7.3840, 12.6800$, and the grayscale version is $249.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $192.0310, 6.7420, -12.0580$ is the 20% darker color. If you saturate the color by 10%, you get $244.4580, 12.4290, -21.5150$, and if you desaturate by 10%, it is $253.2620, 2.0180, -3.5340$.

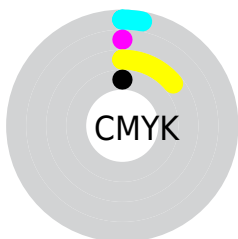
Distribution



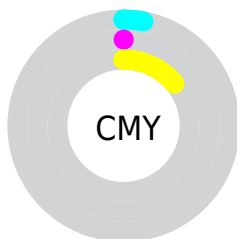
- Red (97%)
- Green (100%)
- Blue (86%)



- Red (86%)
- Yellow (100%)
- Blue (89%)



- Cyan (3%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)




- Cyan (3%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 248.8030, 7.3840, -12.6800 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 248.8030, 7.3840, -12.6800 by changing the saturation by 10% instead.


 248.8030, 7.3840,
-12.6800


 248.8030, 7.3840,
-12.6800

255.0000, -0.0000,
-0.0000

 219.9170, 7.0630,
-12.3690


 192.0310, 6.7420,
-12.0580

 165.1450, 6.4210,
-11.7470

 139.1450, 6.4210,
-11.7470

 113.3730, 5.7790,
-11.1250

 88.7860, 6.0540,
-10.6020

 65.6010, 5.1370,

-10.5030

■ 43.1280, 5.0910,
-9.6690

■ 22.4270, 5.6870,
-9.4570

■ 248.8030, 7.3840,
-12.6800

■ 248.8030, 7.3840,
-12.6800

■ 244.4580, 12.4290,
-21.5150

■ 253.2620, 2.0180,
-3.5340

■ 239.9990, 17.7950,
-30.6610

255.0000, -0.0000,
-0.0000

■ 235.6540, 22.8400,
-39.4960

■ 231.1950, 28.2060,
-48.6420

■ 226.8500, 33.2510,
-57.4770

■ 222.3910, 38.6170,
-66.6230

■ 218.0460, 43.6620,
-75.4580

■ 213.5870, 49.0280,
-84.6040

■ 210.9800, 52.0550,
-89.9050

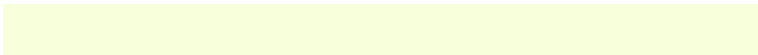
Harmonies

Analogous

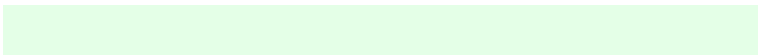
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247.0320, 14.1690, -8.9910



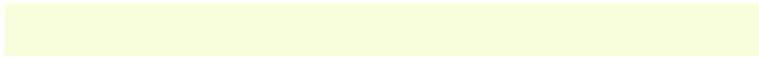
248.8030, 7.3840, -12.6800



244.1910, -8.3880, -13.1880

Triad

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



248.8030, 7.3840, -12.6800



242.1430, -25.6280, -9.1160



245.4940, 4.7210, 8.0570

Complementary

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



248.8030, 7.3840, -12.6800



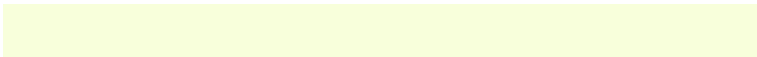
225.1970, -7.3840, 12.6800

Split Complementary

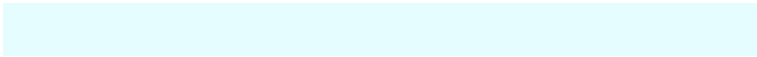
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247.3690, 3.5750, 6.7990



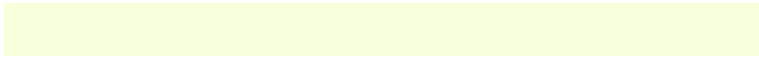
248.8030, 7.3840, -12.6800



246.0520, -14.9460, -4.4660

Square

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



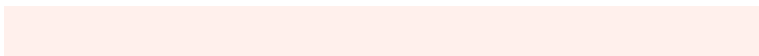
248.8030, 7.3840, -12.6800



240.0500, -29.8000, -10.6000



249.4070, 0.4120, 3.5480



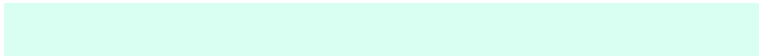
244.0290, 10.2240, 1.9360

Rectangle

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



248.8030, 7.3840, -12.6800



241.8570, -19.0710, -12.3110



249.4070, 0.4120, 3.5480



246.1950, 4.1250, 7.8450

Sweetspot

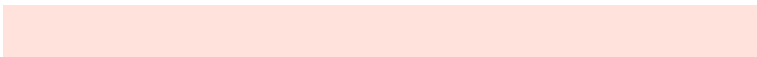
The Sweet Spot groups the original color and five complimentary colors.



248.8030, 7.3840, -12.6800



253.2620, 2.0180, -3.5340



233.8730, 19.5310, 3.9710



126.6040, 1.0550, -2.6010



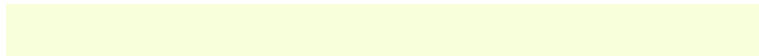
0.0000, 0.0000, 0.0000



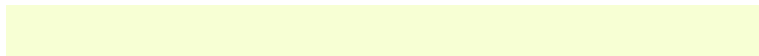
128.0000, -0.0000, -0.0000

Same Dimension

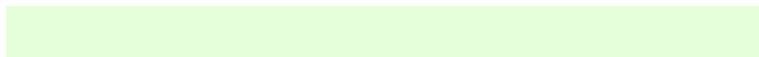
The Same Dimension uses a secret algorithm to generate beautiful new colors.



248.8030, 7.3840, -12.6800



247.7060, 9.0350, -15.0690



243.4210, -3.3440, -16.4960



125.6210, 2.3850, -4.6790



158.1630, 39.2590, -67.2450



52.8170, 12.7960, -22.6600

Inverse Universe

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



225.1970, -7.3840, 12.6800



219.2940, -9.0350, 15.0690



230.5790, 3.3440, 16.4960



117.0800, -2.9810, 4.4670



32.8370, -39.2590, 67.2450



10.8840, -13.3920, 22.4480

Previews

White Background



This preview shows how the YIQ color 248.8030, 7.3840, -12.6800 looks on a white background.

Color Contrast Check

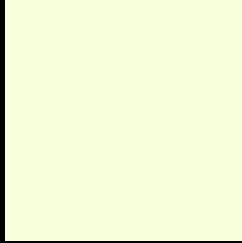
Large Text (above 18pt) WCAG AA × Fail

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 248.8030, 7.3840, -12.6800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

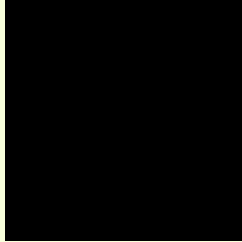
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 248.8030, 7.3840, -12.6800

Background



This preview shows how black text looks on a background with the YIQ color 248.8030, 7.3840, -12.6800.



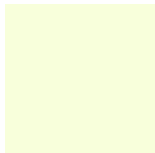
This preview shows how white text looks on a background with the YIQ color 248.8030, 7.3840, -12.6800.

-12.6800.

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

248.8030, 7.3840, -12.6800



Protanopia

251.0560, 5.5940, -2.2620

Deuteranopia

251.2670, 3.6220, 0.4380

Tritanopia

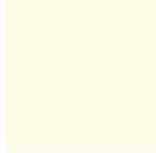
251.1680, -0.4130, 1.9790

Trichromacy



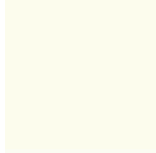
Original Color

248.8030, 7.3840, -12.6800



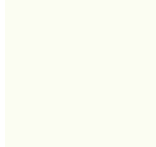
Protanomaly

249.8340, 6.0990, -5.9090



Deuteranomaly

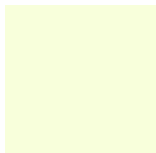
250.2900, 4.8150, -4.6650



Tritanomaly

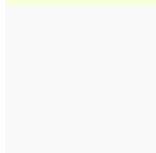
250.5610, 2.6140, -3.3220

Monochromacy



Original Color

248.8030, 7.3840, -12.6800



Achromatopsia

249.0000, -0.0000, -0.0000



Achromatomaly

248.9200, 2.9810, -4.4670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 248.8030, 7.3840, -12.6800 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(248, 255, 219)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 219)  
}
```

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(248, 255, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 219) }
```

Border

The CSS property to change the border of an element to YIQ 248.8030, 7.3840, -12.6800 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(248, 255, 219) }
```


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

```
.border{ border-color:rgb(248, 255, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 255, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 219);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 248.8030, 7.3840, -12.6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 219) }
```

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

```
.background{ background-color: rgb(248,  
255, 219) }
```

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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