

Converting Colors

YIQ(248.1060, 2.1570, -11.5630)

Have a look what the booklet for
YIQ(248.1060, 2.1570, -11.5630)
contains.

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Color

**YIQ(248.1060, 2.1570,
-11.5630)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F3FFE2 |
| RGB | 243, 255, 226 |
| RGB Percent | 95%, 100%, 89% |
| CMY | 0.0471, 0.0000, 0.1137 |
| CMYK | 0.05, 0.00, 0.11, 0.00 |
| HSL | 85°, 100%, 94% |
| HSV | 85°, 11%, 100% |
| XYZ | 86.4466, 96.0640, 85.9432 |
| YIQ | 248.1060, 2.1570, -11.5630 |

Conversions

Conversions Part 2

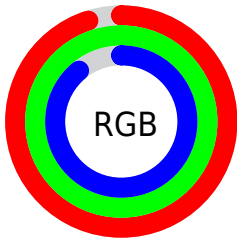
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 226, 255, 238 |
| Decimal | 15990754 |
| CIE _{Lab} | 98.46, -8.91, 12.51 |
| CIE _{LCh} | 98, 15.358, 125.472 |
| Yxy | 96.0640, 0.3220, 0.3578 |
| Android (android.graphics.Color) | 4294180834 (0xFFFF3FFE2) |
| YUV | 248.1060, -10.8983, -4.4780 |
| Hunter-Lab | 98.0122, -14.0848, 16.6194 |

Details

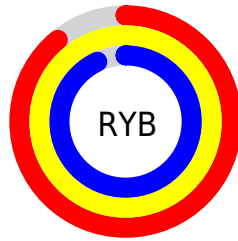
The YIQ color $248.1060, 2.1570, -11.5630$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $232.8940, -2.1570, 11.5630$, and the grayscale version is $248.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $191.6330, 2.1110, -10.7290$ is the 20% darker color. If you saturate the color by 10%, you get $241.9670, 3.6260, -21.6700$, and if you desaturate by 10%, it is $254.3590, 0.3670, -1.1450$.

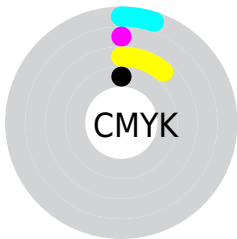
Distribution



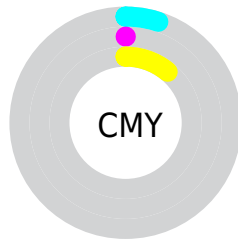
- Red (95%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (93%)



- Cyan (5%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 248.1060, 2.1570, -11.5630 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 248.1060, 2.1570, -11.5630 by changing the saturation by 10% instead.

248.1060, 2.1570,
-11.5630

248.1060, 2.1570,
-11.5630

255.0000, -0.0000,
-0.0000

219.5190, 2.4320,
-11.0400

191.6330, 2.1110,
-10.7290

164.6330, 2.1110,
-10.7290

138.6330, 2.1110,
-10.7290

112.8610, 1.4690,
-10.1070

88.2740, 1.7440,
-9.5840

65.0890, 0.8270,

-9.4850

■ 42.6160, 0.7810,
-8.6510

■ 21.5300, 3.8990,
-10.0930

■ 248.1060, 2.1570,
-11.5630

■ 248.1060, 2.1570,
-11.5630

■ 241.9670, 3.6260,
-21.6700

■ 254.3590, 0.3670,
-1.1450

■ 236.0130, 6.0120,
-31.8760

■ 255.0000, -0.0000,
-0.0000

■ 229.8740, 7.4810,
-41.9830

■ 223.9200, 9.8670,
-52.1890

■ 217.7810, 11.3360,
-62.2960

■ 211.8270, 13.7220,
-72.5020

■ 205.6880, 15.1910,
-82.6090

■ 199.4350, 16.9810,
-93.0270

■ 194.2360, 18.6790,
-101.7770

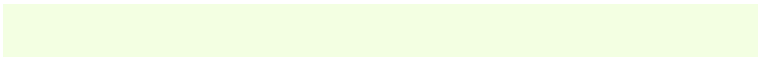
Harmonies

Analogous

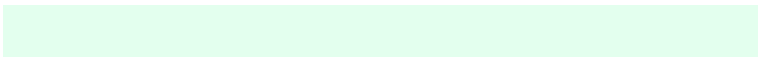
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248.1890, 12.2890, -7.9590



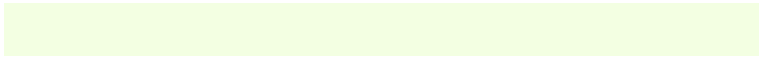
248.1060, 2.1570, -11.5630



244.6900, -11.2310, -11.2230

Triad

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



248.1060, 2.1570, -11.5630



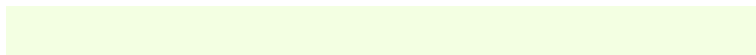
245.1330, -19.6680, -6.9960



245.3970, 6.3720, 5.6680

Complementary

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



248.1060, 2.1570, -11.5630



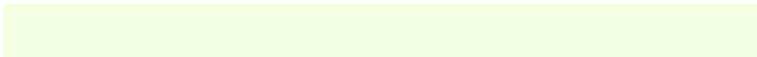
232.8940, -2.1570, 11.5630

Split Complementary

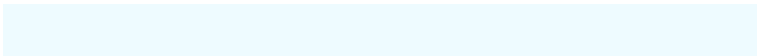
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247.3690, 3.5750, 6.7990



248.1060, 2.1570, -11.5630



247.5690, -9.0320, -1.5120

Square

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



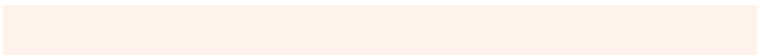
248.1060, 2.1570, -11.5630



242.4420, -25.0320, -8.9040



249.7170, 2.4750, 4.7070



244.9750, 10.3160, 0.2680

Rectangle

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



248.1060, 2.1570, -11.5630



243.1390, -19.8050, -10.0210



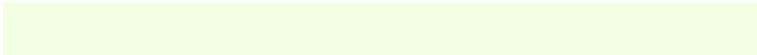
249.7170, 2.4750, 4.7070



246.5540, 4.4920, 6.7000

Sweetspot

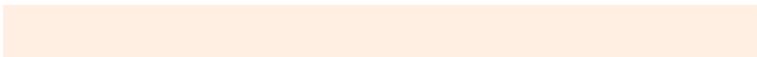
The Sweet Spot groups the original color and five complimentary colors.



248.1060, 2.1570, -11.5630



253.1910, 0.7800, -3.1240



241.7150, 13.9840, -0.1280



126.4190, 0.1380, -2.5020



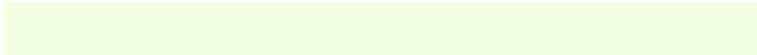
0.0000, 0.0000, 0.0000



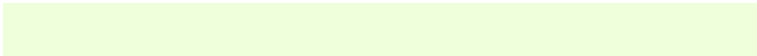
128.0000, -0.0000, -0.0000

Same Dimension

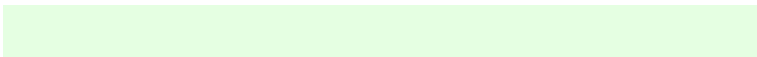
The Same Dimension uses a secret algorithm to generate beautiful new colors.



248.1060, 2.1570, -11.5630



246.4110, 2.6160, -14.3760



243.9200, -6.1870, -14.5310



124.7240, 0.5970, -5.3150



145.6050, 14.2270, -76.1490



48.6310, 4.4520, -25.6280

Inverse Universe

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



232.8940, -2.1570, 11.5630



227.5890, -2.6160, 14.3760



237.0800, 6.1870, 14.5310



117.9770, -1.1930, 5.1030



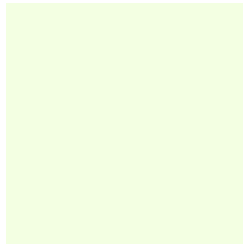
45.3950, -14.2270, 76.1490



15.0700, -5.0480, 25.4160

Previews

White Background



This preview shows how the YIQ color 248.1060, 2.1570, -11.5630 looks on a white background.

Color Contrast Check

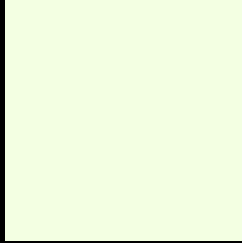
Large Text (above 18pt) WCAG AA × Fail

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 248.1060, 2.1570, -11.5630 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

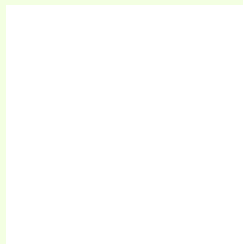
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 248.1060, 2.1570, -11.5630

Background



This preview shows how black text looks on a background with the YIQ color 248.1060, 2.1570, -11.5630.



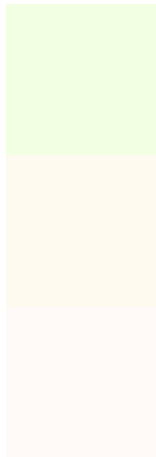
This preview shows how white text looks on a background with the YIQ color 248.1060, 2.1570, -11.5630.

-11.5630.

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

248.1060, 2.1570, -11.5630

Protanopia

250.2410, 6.5110, -2.3610

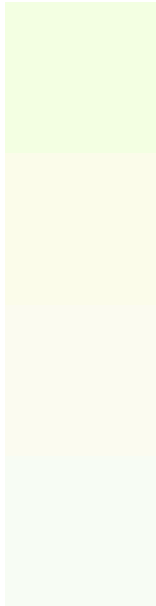
Deuteranopia

250.6800, 3.8970, 0.9610

Tritanopia

250.5700, -1.6050, 1.5550

Trichromacy



Original Color

248.1060, 2.1570, -11.5630

Protanomaly

249.6490, 5.1820, -5.8100

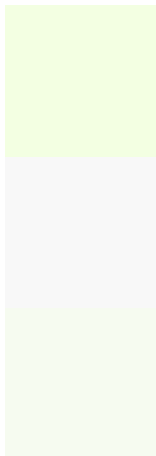
Deuteranomaly

249.7460, 3.5310, -3.4210

Tritanomaly

249.5930, -0.4120, -3.5480

Monochromacy



Original Color

248.1060, 2.1570, -11.5630

Achromatopsia

248.0000, -0.0000, -0.0000

Achromatomaly

248.2510, 0.5510, -4.4810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 248.1060, 2.1570, -11.5630 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(243, 255, 226)` looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 226)  
}
```

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(243, 255, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 226) }
```

Border

The CSS property to change the border of an element to YIQ 248.1060, 2.1570, -11.5630 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(243, 255, 226) }
```


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

```
.border{ border-color:rgb(243, 255, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 255, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 255, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 255, 226); box-shadow:4px 4px 4px 4px rgb(243, 255, 226) }
```

Background

The CSS property to change the background color of an element to YIQ 248.1060, 2.1570, -11.5630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 226) }
```

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

```
.background{ background-color: rgb(243,  
255, 226) }
```

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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