

Converting Colors

YIQ(236.8490, 1.7430, -4.0570)

Have a look what the booklet for
YIQ(236.8490, 1.7430, -4.0570)
contains.

YIQ(236.8490, 1.7430, -4.0570)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(236.8490, 1.7430,
-4.0570)**

Conversions

Conversions Part 1

Format	Color
Hex	ECEFE4
RGB	236, 239, 228
RGB Percent	93%, 94%, 89%
CMY	0.0745, 0.0627, 0.1059
CMYK	0.01, 0.00, 0.05, 0.06
HSL	76°, 26%, 92%
HSV	76°, 5%, 94%
XYZ	79.4619, 85.1676, 85.6526
YIQ	236.8490, 1.7430, -4.0570

Conversions

Conversions Part 2

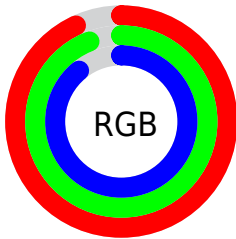
Format	Color
R _Y B	228, 239, 231
Decimal	15527908
CIE Lab	93.96, -2.92, 4.95
CIE LCh	94, 5.750, 120.526
Yxy	85.1676, 0.3175, 0.3403
Android (android.graphics.Color)	4293717988 (0xFFECEFE4)
YUV	236.8490, -4.3626, -0.7446
Hunter-Lab	92.2863, -7.8060, 9.5723

Details

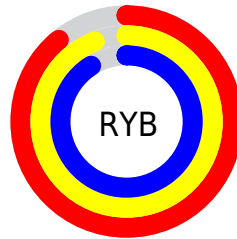
The YIQ color $236.8490, 1.7430, -4.0570$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $230.1510, -1.7430, 4.0570$, and the grayscale version is $237.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $180.9630, 1.4220, -3.7460$ is the 20% darker color. If you saturate the color by 10%, you get $232.0200, 5.2750, -13.0050$, and if you desaturate by 10%, it is $241.6780, -1.7890, 4.8910$.

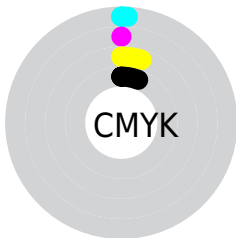
Distribution



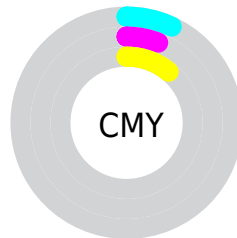
- Red (93%)
- Green (94%)
- Blue (89%)



- Red (89%)
- Yellow (94%)
- Blue (91%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (6%)



- Cyan (7%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 236.8490, 1.7430, -4.0570 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 236.8490, 1.7430, -4.0570 by changing the saturation by 10% instead.

■ 236.8490, 1.7430,
-4.0570

■ 236.8490, 1.7430,
-4.0570

255.0000, -0.0000,
-0.0000

■ 208.8490, 1.7430,
-4.0570

■ 180.9630, 1.4220,
-3.7460

■ 153.9630, 1.4220,
-3.7460

■ 127.9630, 1.4220,
-3.7460

■ 103.0770, 1.1010,
-3.4350

■ 79.0770, 1.1010,
-3.4350

■ 56.4900, 1.3760,

-2.9120

■ 35.1910, 0.7800,
-3.1240

■ 12.6210, 2.3850,
-4.6790

■ 236.8490, 1.7430,
-4.0570

■ 236.8490, 1.7430,
-4.0570

■ 232.0200, 5.2750,
-13.0050

■ 241.6780, -1.7890,
4.8910

■ 227.4900, 9.4030,
-21.7410

■ 243.8140, 0.8240,
7.0960

■ 222.6610, 12.9350,
-30.6890

■ 245.6080, 4.4000,
8.3680

■ 218.1310, 17.0630,
-39.4250

■ 213.4160, 20.2740,
-48.0620

■ 208.8860, 24.4020,
-56.7980

■ 204.0570, 27.9340,
-65.7460

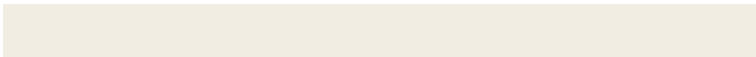
■ 199.5270, 32.0620,
-74.4820

■ 194.6980, 35.5940,
-83.4300

Harmonies

Analogous

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



237.3550, 6.1900, -2.0500



236.8490, 1.7430, -4.0570



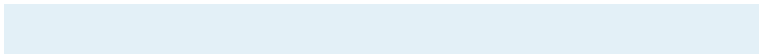
236.0980, -3.3920, -4.6080

Triad

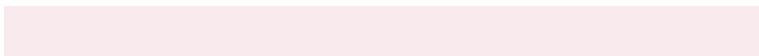
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.8490, 1.7430, -4.0570



236.9110, -9.9950, -0.5790



238.9410, 7.6560, 4.4240

Complementary

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



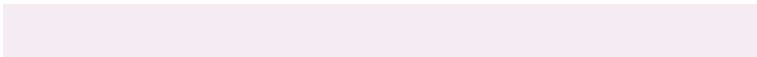
236.8490, 1.7430, -4.0570



230.1510, -1.7430, 4.0570

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.



238.9020, 3.3920, 4.6080



236.8490, 1.7430, -4.0570



237.4600, -7.1070, 2.1490

Square

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



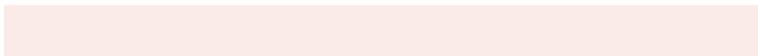
236.8490, 1.7430, -4.0570



236.1450, -10.7740, -2.9820



238.1510, -1.7430, 4.0570



238.5560, 10.1780, 2.7700

Rectangle

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



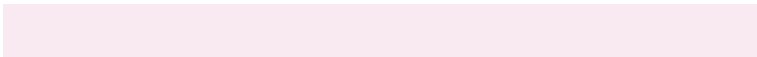
236.8490, 1.7430, -4.0570



236.2440, -6.7390, -4.5230



238.1510, -1.7430, 4.0570



238.8700, 6.4180, 4.8340

Sweetspot

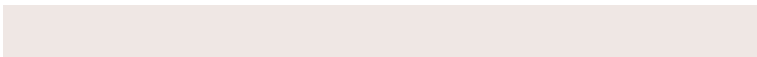
The Sweet Spot groups the original color and five complimentary colors.



236.8490, 1.7430, -4.0570



254.3590, 0.3670, -1.1450



233.0500, 5.7310, 0.7630



127.4730, 0.0460, -0.8340



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

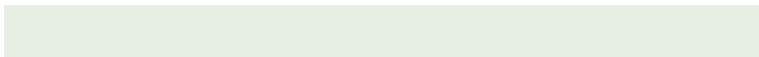
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.8490, 1.7430, -4.0570



252.0940, 2.4310, -5.5130



235.3540, -1.2370, -5.1170



118.3760, 1.6970, -3.2230



147.7750, 28.6680, -68.0360



45.1310, 9.0360, -20.5960

Inverse Universe

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



230.1510, -1.7430, 4.0570



242.9060, -2.4310, 5.5130



231.6460, 1.2370, 5.1170



112.9230, -1.1010, 3.4350



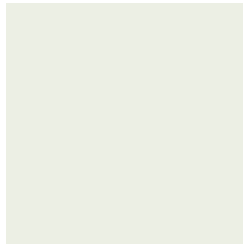
35.9260, -29.2640, 67.8240



10.8690, -9.0360, 20.5960

Previews

White Background



This preview shows how the YIQ color 236.8490, 1.7430, -4.0570 looks on a white background.

Color Contrast Check

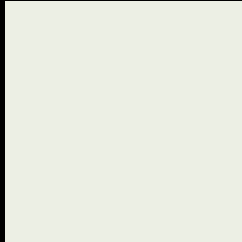
Large Text (above 18pt) WCAG AA × Fail

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 236.8490, 1.7430, -4.0570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

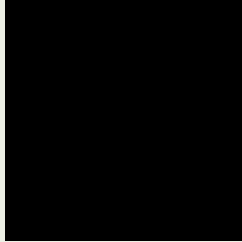
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

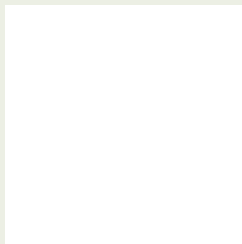
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 236.8490, 1.7430, -4.0570

Background



This preview shows how black text looks on a background with the YIQ color 236.8490, 1.7430, -4.0570.



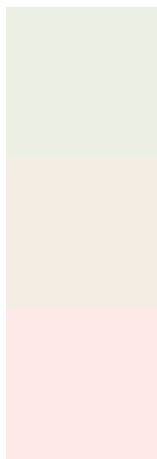
This preview shows how white text looks on a background with the YIQ color 236.8490, 1.7430, -4.0570.

-4.0570.

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

236.8490, 1.7430, -4.0570

Protanopia

237.9530, 7.3820, -1.6260

Deuteranopia

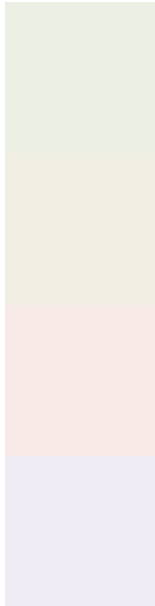
238.8770, 13.7080, 4.8760



Tritanopia

238.6610, -3.1190, 6.9690

Trichromacy



Original Color

236.8490, 1.7430, -4.0570

Protanomaly

237.6430, 5.3190, -2.7850

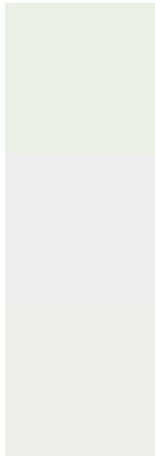
Deuteranomaly

238.4310, 9.0320, 1.5120

Tritanomaly

237.9230, -1.1010, 3.4350

Monochromacy



Original Color

236.8490, 1.7430, -4.0570

Achromatopsia

237.0000, -0.0000, -0.0000

Achromatomaly

237.2450, 0.6880, -1.4560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 236.8490, 1.7430, -4.0570 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(236, 239, 228)` looks like.

```
.text, #text, p{  
    color:rgb(236, 239, 228)  
}
```

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(236, 239, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 239, 228) }
```

Border

The CSS property to change the border of an element to YIQ 236.8490, 1.7430, -4.0570 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(236, 239, 228) }
```


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

```
.border{ border-color:rgb(236, 239, 228) }
```

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

Here you see how a box with a 4 pixel rgb(236, 239, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 239, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 239, 228);  
box-shadow:4px 4px 4px 4px rgb(236, 239,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 236.8490, 1.7430, -4.0570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 239, 228) }
```

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

```
.background{ background-color: rgb(236,  
239, 228) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor