

Converting Colors

YIQ(238.4750, 13.7590,
-23.5930)

Have a look what the booklet for
YIQ(238.4750, 13.7590, -23.5930)
contains.

YIQ(238.4750, 13.7590, -23.5930)	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(238.4750, 13.7590,
-23.5930)**

Conversions

Conversions Part 1

Format	Color
Hex	EDFAB7
RGB	237, 250, 183
RGB Percent	93%, 98%, 72%
CMY	0.0707, 0.0196, 0.2822
CMYK	0.05, 0.00, 0.27, 0.02
HSL	72°, 87%, 85%
HSV	72°, 27%, 98%
XYZ	77.6562, 89.7959, 58.0540
YIQ	238.4750, 13.7590, -23.5930

Conversions

Conversions Part 2

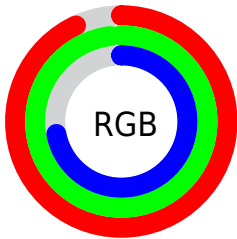
Format	Color
RYB	183, 250, 196
Decimal	15596215
CIELab	95.91, -14.95, 30.78
CIELCh	96, 34.215, 115.910
Yxy	89.7959, 0.3444, 0.3982
Android (android.graphics.Color)	4293786295 (0xFFEDFAB7)
YUV	238.4750, -27.3492, -1.2936
Hunter-Lab	94.7607, -19.5508, 30.0092

Details

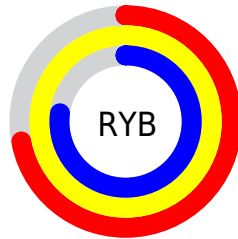
The YIQ color $238.4750, 13.7590, -23.5930$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $194.5250, -13.7590, 23.5930$, and the grayscale version is $239.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $253.1760, 5.1360, -4.9760$, and $182.8170, 12.7960, -22.6600$ is the 20% darker color. If you saturate the color by 10%, you get $234.1300, 18.8040, -32.4280$, and if you desaturate by 10%, it is $242.8200, 8.7140, -14.7580$.

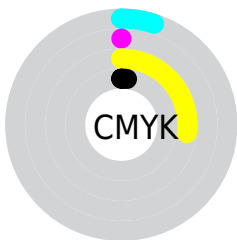
Distribution



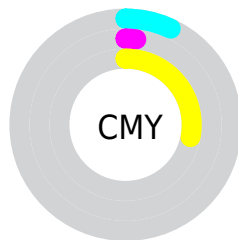
- Red (93%)
- Green (98%)
- Blue (72%)



- Red (72%)
- Yellow (98%)
- Blue (77%)



- Cyan (5%)
- Magenta (0%)
- Yellow (27%)
- Black (2%)



- Cyan (7%)
- Magenta (2%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 238.4750, 13.7590, -23.5930 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 238.4750, 13.7590, -23.5930 by changing the saturation by 10% instead.

■ 238.4750, 13.7590,
-23.5930

■ 238.4750, 13.7590,
-23.5930

255.0000, -0.0000,
-0.0000

■ 209.7030, 13.1170,
-22.9710

■ 253.1760, 5.1360,
-4.9760

■ 182.5180, 12.2000,
-22.8720

■ 155.0450, 12.1540,
-22.0380

■ 129.1590, 11.8330,
-21.7270

■ 103.9740, 10.9160,
-21.6280

■ 79.2020, 10.2740,
-21.0060

■ 55.7890, 9.9990,

-21.5290

■ 35.0970, 6.3760,
-16.4400

■ 14.6750, -6.8750,
-13.0750

■ 238.4750, 13.7590,
-23.5930

■ 238.4750, 13.7590,
-23.5930

■ 234.1300, 18.8040,
-32.4280

■ 242.8200, 8.7140,
-14.7580

■ 229.7850, 23.8490,
-41.2630

■ 247.1650, 3.6690,
-5.9230

■ 225.4400, 28.8940,
-50.0980

■ 251.1680, -0.4130,
1.9790

■ 221.3940, 34.5350,
-58.7210

■ 252.0650, 1.3750,
2.6150

■ 217.0490, 39.5800,
-67.5560

■ 212.7040, 44.6250,
-76.3910

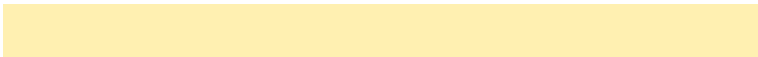
■ 208.3590, 49.6700,
-85.2260

■ 206.8490, 51.0460,
-88.1380

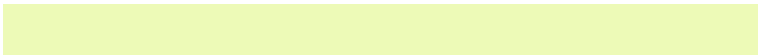
Harmonies

Analogous

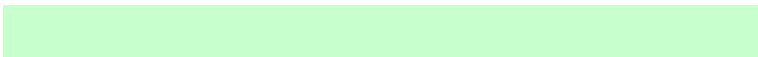
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.3030, 29.1630, -16.4130



238.4750, 13.7590, -23.5930



232.5560, -17.3260, -27.4220

Triad

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



238.4750, 13.7590, -23.5930



225.3990, -59.0040, -20.9880



233.1840, 11.8260, 16.9620

Complementary

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



238.4750, 13.7590, -23.5930



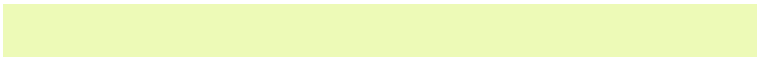
194.5250, -13.7590, 23.5930

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.



237.9770, 7.9750, 15.1670



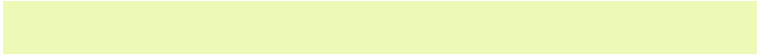
238.4750, 13.7590, -23.5930



233.2500, -33.2390, -8.8470

Square

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



238.4750, 13.7590, -23.5930



221.8110, -66.1560, -23.5320



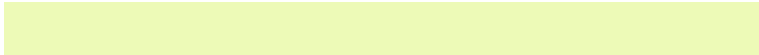
239.9600, -2.5230, 7.1810



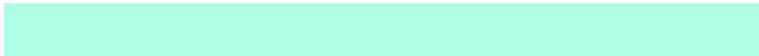
230.5960, 21.8690, 5.6530

Rectangle

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



238.4750, 13.7590, -23.5930



227.4750, -38.9670, -26.1910



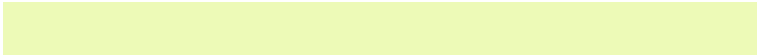
239.9600, -2.5230, 7.1810



235.0420, 9.3500, 17.7820

Sweetspot

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



238.4750, 13.7590, -23.5930



251.5240, 4.0360, -7.0680



210.0770, 36.6320, 7.9280



125.6210, 2.3850, -4.6790



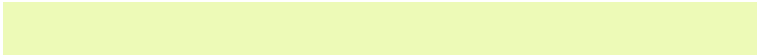
0.0000, 0.0000, 0.0000



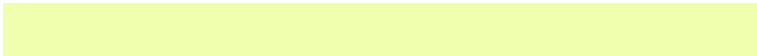
128.0000, -0.0000, -0.0000

Same Dimension

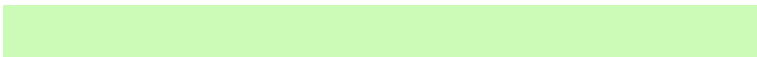
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.4750, 13.7590, -23.5930



240.8680, 16.7860, -28.8940



228.6080, -5.9090, -30.5890



122.9200, 2.9810, -4.4670



156.3910, 38.6170, -66.6230



50.4580, 12.4290, -21.5150

Inverse Universe

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



194.5250, -13.7590, 23.5930



187.1320, -16.7860, 28.8940



204.3920, 5.9090, 30.5890



114.3790, -2.3850, 4.6790



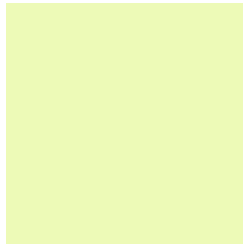
32.6090, -38.6170, 66.6230



10.5420, -12.4290, 21.5150

Previews

White Background



This preview shows how the YIQ color 238.4750, 13.7590, -23.5930 looks on a white background.

Color Contrast Check

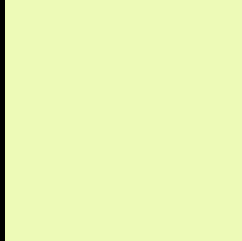
Large Text (above 18pt) WCAG AA × Fail

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 238.4750, 13.7590, -23.5930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

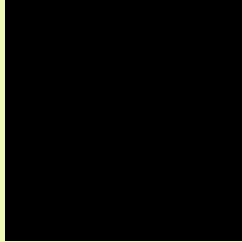
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

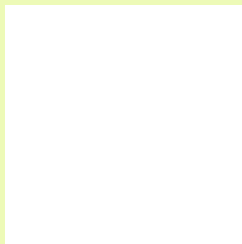
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 238.4750, 13.7590, -23.5930

Background



This preview shows how black text looks on a background with the YIQ color 238.4750, 13.7590, -23.5930.



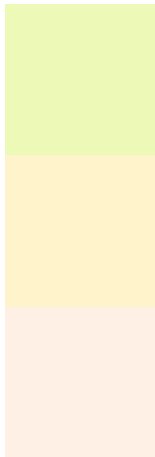
This preview shows how white text looks on a background with the YIQ color 238.4750, 13.7590, -23.5930.

-23.5930.

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

238.4750, 13.7590, -23.5930

Protanopia

242.0280, 19.9920, -9.8960

Deuteranopia

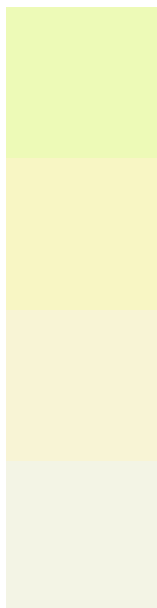
243.3450, 12.1500, 0.0700



Tritanopia

244.0910, -1.5140, 5.4140

Trichromacy



Original Color

238.4750, 13.7590, -23.5930

Protanomaly

240.8980, 17.2420, -15.1260

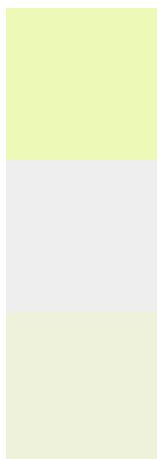
Deuteranomaly

241.6620, 12.3350, -8.7930

Tritanomaly

241.9910, 4.2190, -4.8770

Monochromacy



Original Color

238.4750, 13.7590, -23.5930

Achromatopsia

238.0000, -0.0000, 0.0000

Achromatomaly

238.0680, 5.3200, -8.3120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.4750, 13.7590, -23.5930 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(237, 250, 183)` looks like.

```
.text, #text, p{  
    color:rgb(237, 250, 183)  
}
```

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(237, 250, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 250, 183) }
```

Border

The CSS property to change the border of an element to YIQ 238.4750, 13.7590, -23.5930 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(237, 250, 183) }
```


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

```
.border{ border-color:rgb(237, 250, 183) }
```

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

Here you see how a box with a 4 pixel rgb(237, 250, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 250, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 250, 183);  
box-shadow:4px 4px 4px 4px rgb(237, 250,  
183) }
```

Background

The CSS property to change the background color of an element to YIQ 238.4750, 13.7590, -23.5930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 250, 183) }
```

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

```
.background{ background-color: rgb(237,  
250, 183) }
```

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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