

Converting Colors

YIQ(237.9630, 1.4220, -3.7460)

Have a look what the booklet for
YIQ(237.9630, 1.4220, -3.7460)
contains.

YIQ(237.9630, 1.4220, -3.7460)	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(237.9630, 1.4220,
-3.7460)**

Conversions

Conversions Part 1

Format	Color
Hex	EDF0E6
RGB	237, 240, 230
RGB Percent	93%, 94%, 90%
CMY	0.0706, 0.0588, 0.0980
CMYK	0.01, 0.00, 0.04, 0.06
HSL	78°, 25%, 92%
HSV	78°, 4%, 94%
XYZ	80.3678, 86.0382, 87.2366
YIQ	237.9630, 1.4220, -3.7460

Conversions

Conversions Part 2

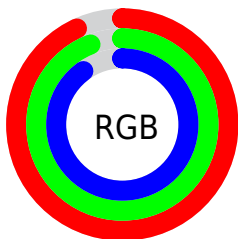
Format	Color
R _Y B	230, 240, 233
Decimal	15593702
CIE Lab	94.33, -2.75, 4.47
CIE LCh	94, 5.243, 121.596
Yxy	86.0382, 0.3169, 0.3392
Android (android.graphics.Color)	4293783782 (0xFFEDF0E6)
YUV	237.9630, -3.9258, -0.8446
Hunter-Lab	92.7568, -7.6656, 9.1682

Details

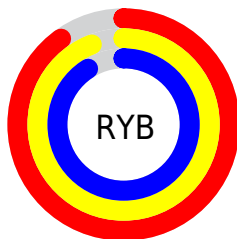
The YIQ color $237.9630, 1.4220, -3.7460$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $232.0370, -1.4220, 3.7460$, and the grayscale version is $238.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $182.0770, 1.1010, -3.4350$ is the 20% darker color. If you saturate the color by 10%, you get $233.1340, 4.9540, -12.6940$, and if you desaturate by 10%, it is $242.7920, -2.1100, 5.2020$.

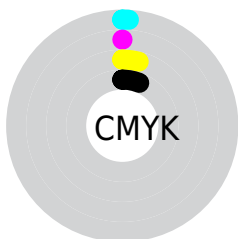
Distribution



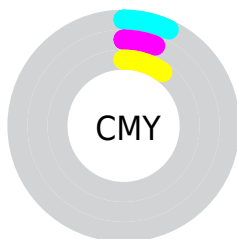
- Red (93%)
- Green (94%)
- Blue (90%)



- Red (90%)
- Yellow (94%)
- Blue (91%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (6%)



- Cyan (7%)
- Magenta (6%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 237.9630, 1.4220, -3.7460 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 237.9630, 1.4220, -3.7460 by changing the saturation by 10% instead.

■ 237.9630, 1.4220,
-3.7460

■ 237.9630, 1.4220,
-3.7460

255.0000, -0.0000,
-0.0000

■ 209.9630, 1.4220,
-3.7460

■ 182.0770, 1.1010,
-3.4350

■ 155.0770, 1.1010,
-3.4350

■ 129.0770, 1.1010,
-3.4350

■ 104.0770, 1.1010,
-3.4350

■ 80.1910, 0.7800,
-3.1240

■ 57.1910, 0.7800,

-3.1240

■ 35.6040, 1.0550,
-2.6010

■ 13.8490, 1.7430,
-4.0570

■ 237.9630, 1.4220,
-3.7460

■ 237.9630, 1.4220,
-3.7460

■ 233.1340, 4.9540,
-12.6940

■ 242.7920, -2.1100,
5.2020

■ 228.3050, 8.4860,
-21.6420

■ 244.9990, 1.7410,
6.9970

■ 223.1770, 11.4220,
-30.8020

■ 246.1950, 4.1250,
7.8450

■ 218.3480, 14.9540,
-39.7500

■ 213.5190, 18.4860,
-48.6980

■ 208.6900, 22.0180,
-57.6460

■ 203.5620, 24.9540,
-66.8060

■ 198.7330, 28.4860,
-75.7540

■ 193.9040, 32.0180,
-84.7020

Harmonies

Analogous

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



238.4690, 5.8690, -1.7390



237.9630, 1.4220, -3.7460



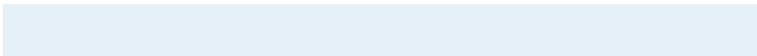
237.2120, -3.7130, -4.2970

Triad

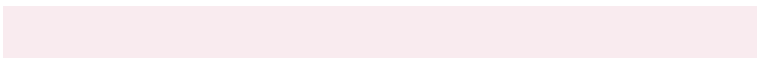
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



237.9630, 1.4220, -3.7460



238.0960, -9.0780, -0.6780



239.6420, 7.0600, 4.2120

Complementary

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



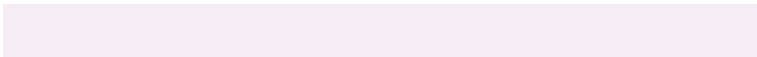
237.9630, 1.4220, -3.7460



232.0370, -1.4220, 3.7460

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.



239.9020, 3.3920, 4.6080



237.9630, 1.4220, -3.7460



238.6450, -6.1900, 2.0500

Square

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



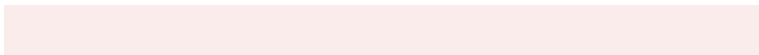
237.9630, 1.4220, -3.7460



237.7430, -9.5820, -2.5580



239.0370, -1.4220, 3.7460



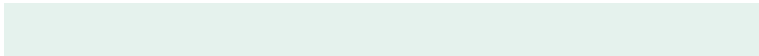
239.9580, 8.9860, 2.3460

Rectangle

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



237.9630, 1.4220, -3.7460



237.5430, -6.1430, -4.3110



239.0370, -1.4220, 3.7460



239.4570, 6.1430, 4.3110

Sweetspot

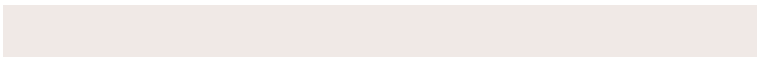
The Sweet Spot groups the original color and five complimentary colors.



237.9630, 1.4220, -3.7460



254.3590, 0.3670, -1.1450



234.7510, 5.1350, 0.5510



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.



237.9630, 1.4220, -3.7460



252.3220, 1.7890, -4.8910



236.4680, -1.5580, -4.8060



118.6040, 1.0550, -2.6010



146.2800, 25.6880, -69.0960



44.5330, 7.8440, -21.0200

Inverse Universe

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



232.0370, -1.4220, 3.7460



244.6780, -1.7890, 4.8910



233.5320, 1.5580, 4.8060



114.3960, -1.0550, 2.6010



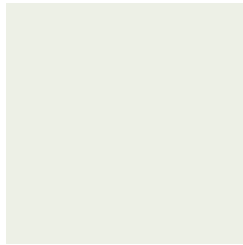
37.4210, -26.2840, 68.8840



11.4670, -7.8440, 21.0200

Previews

White Background



This preview shows how the YIQ color 237.9630, 1.4220, -3.7460 looks on a white background.

Color Contrast Check

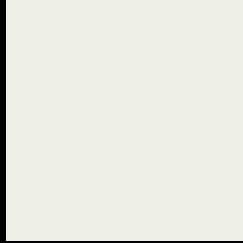
Large Text (above 18pt) WCAG AA × Fail

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 237.9630, 1.4220, -3.7460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

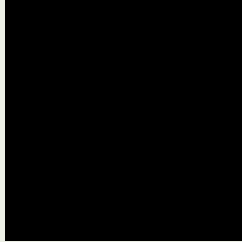
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

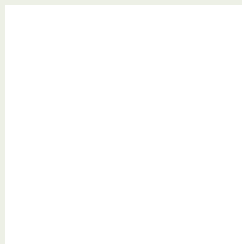
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 237.9630, 1.4220, -3.7460

Background



This preview shows how black text looks on a background with the YIQ color 237.9630, 1.4220, -3.7460.



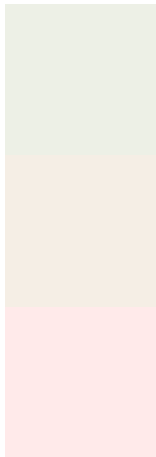
This preview shows how white text looks on a background with the YIQ color 237.9630, 1.4220,

-3.7460.

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

237.9630, 1.4220, -3.7460

Protanopia

239.0670, 7.0610, -1.3150

Deuteranopia

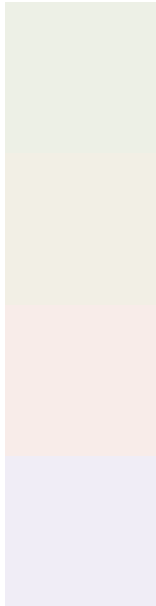
240.2790, 12.5160, 4.4520



Tritanopia

239.6610, -3.1190, 6.9690

Trichromacy



Original Color

237.9630, 1.4220, -3.7460

Protanomaly

238.7570, 4.9980, -2.4740

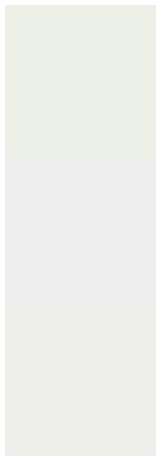
Deuteranomaly

239.2460, 8.1150, 1.6110

Tritanomaly

238.9230, -1.1010, 3.4350

Monochromacy



Original Color

237.9630, 1.4220, -3.7460

Achromatopsia

238.0000, -0.0000, 0.0000

Achromatomaly

238.2450, 0.6880, -1.4560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 237.9630, 1.4220, -3.7460 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, 240, 230)` looks like.

```
.text, #text, p{  
    color:rgb(237, 240, 230)  
}
```

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, 240, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 240, 230) }
```

Border

The CSS property to change the border of an element to YIQ 237.9630, 1.4220, -3.7460 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, 240, 230) }
```


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

```
.border{ border-color:rgb(237, 240, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 240, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 240, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 240, 230);  
box-shadow:4px 4px 4px 4px rgb(237, 240,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 237.9630, 1.4220, -3.7460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 240, 230) }
```

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

```
.background{ background-color: rgb(237,  
240, 230) }
```

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