

Converting Colors

YIQ(221.1000, 44.7110,
-44.8970)

Have a look what the booklet for
YIQ(221.1000, 44.7110, -44.8970)
contains.

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Color

**YIQ(221.1000, 44.7110,
-44.8970)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | ECEE5F |
| RGB | 236, 238, 95 |
| RGB Percent | 93%, 93%, 37% |
| CMY | 0.0746, 0.0666, 0.6271 |
| CMYK | 0.01, 0.00, 0.60, 0.07 |
| HSL | 61°, 81%, 65% |
| HSV | 61°, 60%, 93% |
| XYZ | 67.2277, 79.8057, 22.7048 |
| YIQ | 221.1000, 44.7110, -44.8970 |

Conversions

Conversions Part 2

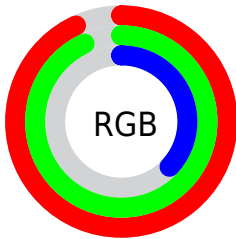
| Format | Color |
|-------------------------------------|---|
| RYB | 95, 238, 97 |
| Decimal | 15527519 |
| CIELab | 91.60, -18.29, 66.91 |
| CIELCh | 92, 69.369, 105.288 |
| Yxy | 79.8057, 0.3961, 0.4702 |
| Android (android.graphics.Color) | 4293717599 (0xFFECE5F) |
| YUV | 221.1000, -62.1673, 13.0673 |
| Hunter-Lab | 89.3340, -22.0056, 47.4649 |

Details

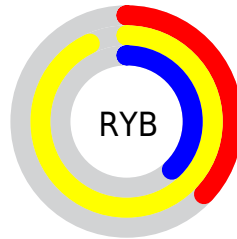
The YIQ color $221.1000, 44.7110, -44.8970$ is a light color, and the websafe version is hex $FFFF66$. The color can be described as light muted yellow. A complement of this color would be $111.9000, -44.7110, 44.8970$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $243.1440, 33.3840, -32.3440$, and $163.8610, 43.8860, -46.4660$ is the 20% darker color. If you saturate the color by 10%, you get $218.3640, 52.4150, -52.3610$, and if you desaturate by 10%, it is $223.8360, 37.0070, -37.4330$.

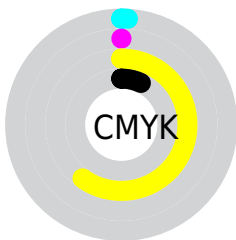
Distribution



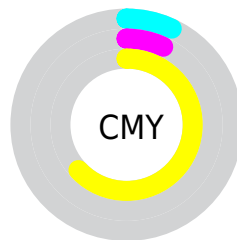
- Red (93%)
- Green (93%)
- Blue (37%)



- Red (37%)
- Yellow (93%)
- Blue (38%)



- Cyan (1%)
- Magenta (0%)
- Yellow (60%)
- Black (7%)



- Cyan (7%)
- Magenta (7%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.1000, 44.7110, -44.8970 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 221.1000, 44.7110, -44.8970 by changing the saturation by 10% instead.

221.1000, 44.7110,
-44.8970

221.1000, 44.7110,
-44.8970

255.0000, -0.0000,
-0.0000

192.5020, 43.5190,
-45.3210

243.1440, 33.3840,
-32.3440

163.8610, 43.8860,
-46.4660

246.3360, 24.3960,
-23.6360

136.1230, 45.9040,
-50.0000

249.6420, 15.0870,
-14.6170

112.1900, 35.7700,
-42.5500

252.9480, 5.7780,
-5.5980

89.4420, 26.5530,
-35.1990

67.2810, 17.0610,
-28.3710

46.0060, 7.8900,

-21.8540

■ 25.3180, -1.5560,
-15.8600

■ 6.4570, -3.0250,
-5.7530

■ 221.1000, 44.7110,
-44.8970

■ 221.1000, 44.7110,
-44.8970

■ 218.3640, 52.4150,
-52.3610

■ 223.8360, 37.0070,
-37.4330

■ 215.3290, 59.5230,
-60.0370

■ 226.8710, 29.8990,
-29.7570

■ 212.7070, 66.9060,
-67.1900

■ 229.4930, 22.5160,
-22.6040

■ 209.9710, 74.6100,
-74.6540

■ 232.2290, 14.8120,
-15.1400

■ 235.2640, 7.7040,
-7.4640

■ 238.0000, -0.0000,
0.0000

■ 239.9380, -5.4570,
5.2870

■ 240.2370, -4.8610,
5.4990

Harmonies

Analogous

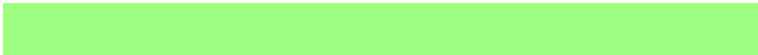
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214.2090, 61.1220, -28.4300



221.1000, 44.7110, -44.8970



212.3990, -16.5870, -57.3470

Triad

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



221.1000, 44.7110, -44.8970



178.7550, -151.9800, -54.0600



209.2140, 21.4500, 40.7940

Complementary

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



221.1000, 44.7110, -44.8970



111.9000, -44.7110, 44.8970

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.



222.7150, 15.1250, 28.7650



221.1000, 44.7110, -44.8970



174.0590, -149.7800, -49.8760

Square

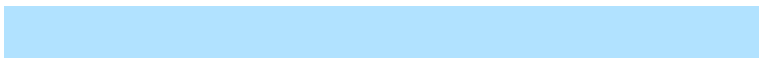
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221.1000, 44.7110, -44.8970



178.7550, -151.9800, -54.0600



214.6550, -38.5130, -1.3690



201.0690, 40.2510, 24.9470

Rectangle

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



221.1000, 44.7110, -44.8970



196.0180, -72.6140, -60.6940



214.6550, -38.5130, -1.3690



212.7360, 19.8000, 37.6560

Sweetspot

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



221.1000, 44.7110, -44.8970



249.4570, 14.1700, -14.5180



137.7570, 85.2280, 30.3160



124.3950, 8.7130, -9.2310



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.



221.1000, 44.7110, -44.8970



233.1270, 57.2760, -57.8600



200.4690, 3.5870, -59.5250



118.6320, 3.8520, -3.7320



162.1270, 57.2760, -57.8600



49.3170, 17.3800, -17.6280

Inverse Universe

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



111.9000, -44.7110, 44.8970



92.8730, -57.2760, 57.8600



132.8300, -2.9910, 59.7370



109.3680, -3.8520, 3.7320



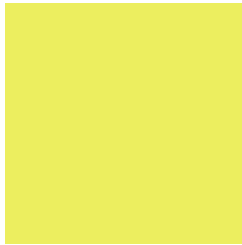
21.8730, -57.2760, 57.8600



6.6830, -17.3800, 17.6280

Previews

White Background



This preview shows how the YIQ color 221.1000, 44.7110, -44.8970 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 221.1000, 44.7110, -44.8970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

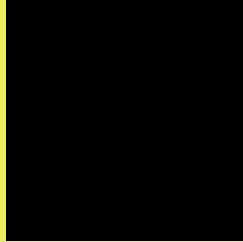
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 221.1000, 44.7110, -44.8970

Background



This preview shows how black text looks on a background with the YIQ color 221.1000, 44.7110, -44.8970.



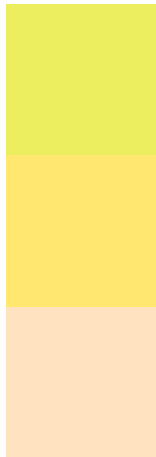
This preview shows how white text looks on a background with the YIQ color 221.1000, 44.7110, -44.8970.

-44.8970.

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

221.1000, 44.7110, -44.8970

Protanopia

224.6100, 52.5030, -31.9210

Deuteranopia

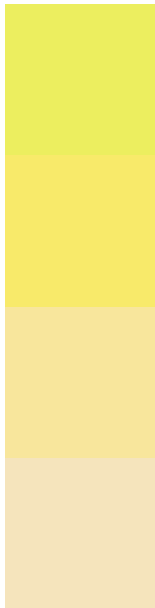
230.6810, 28.5190, -4.7370



Tritanopia

233.1250, 10.3140, 11.3220

Trichromacy



Original Color

221.1000, 44.7110, -44.8970

Protanomaly

223.5940, 49.4320, -36.8400

Deuteranomaly

226.9460, 34.4820, -19.1980

Tritanomaly

228.5230, 22.9720, -8.8360

Monochromacy



Original Color

221.1000, 44.7110, -44.8970

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.7730, 16.0960, -16.3840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.1000, 44.7110, -44.8970 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, 238, 95)` looks like.

```
.text, #text, p{  
    color:rgb(236, 238, 95)  
}
```

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, 238, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 238, 95) }
```

Border

The CSS property to change the border of an element to YIQ 221.1000, 44.7110, -44.8970 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, 238, 95) }
```


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

```
.border{ border-color:rgb(236, 238, 95) }
```

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

Here you see how a box with a 4 pixel rgb(236, 238, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 238, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 238, 95);  
box-shadow:4px 4px 4px 4px rgb(236, 238,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 221.1000, 44.7110, -44.8970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 238, 95) }
```

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

```
.background{ background-color: rgb(236,  
238, 95) }
```

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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