

Converting Colors

YIQ(229.0970, 6.3760, -16.4400)

Have a look what the booklet for
YIQ(229.0970, 6.3760, -16.4400)
contains.

YIQ(229.0970, 6.3760, -16.4400)	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(229.0970, 6.3760,
-16.4400)**

Conversions

Conversions Part 1

Format	Color
Hex	E1EEC2
RGB	225, 238, 194
RGB Percent	88%, 93%, 76%
CMY	0.1177, 0.0666, 0.2391
CMYK	0.05, 0.00, 0.18, 0.07
HSL	78°, 56%, 85%
HSV	78°, 18%, 93%
XYZ	71.3621, 81.0531, 62.9315
YIQ	229.0970, 6.3760, -16.4400

Conversions

Conversions Part 2

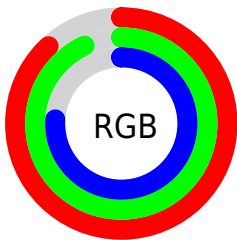
Format	Color
RYB	194, 238, 207
Decimal	14806722
CIELab	92.16, -11.74, 19.88
CIELCh	92, 23.088, 120.573
Yxy	81.0531, 0.3314, 0.3764
Android (android.graphics.Color)	4292996802 (0xFFE1EEC2)
YUV	229.0970, -17.3028, -3.5931
Hunter-Lab	90.0295, -16.0631, 21.5763

Details

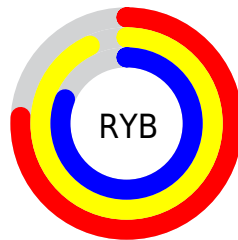
The YIQ color $229.0970, 6.3760, -16.4400$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $202.9030, -6.3760, 16.4400$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.5440, 1.2840, -1.2440$, and $173.3250, 5.7340, -15.8180$ is the 20% darker color. If you saturate the color by 10%, you get $224.2680, 9.9080, -25.3880$, and if you desaturate by 10%, it is $233.9260, 2.8440, -7.4920$.

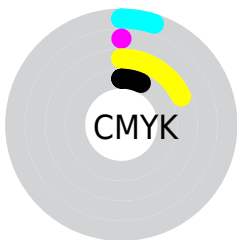
Distribution



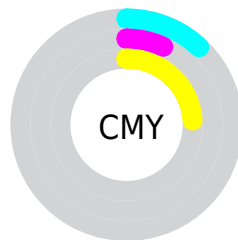
- Red (88%)
- Green (93%)
- Blue (76%)



- Red (76%)
- Yellow (93%)
- Blue (81%)



- Cyan (5%)
- Magenta (0%)
- Yellow (18%)
- Black (7%)



- Cyan (12%)
- Magenta (7%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.0970, 6.3760, -16.4400 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 229.0970, 6.3760, -16.4400 by changing the saturation by 10% instead.

229.0970, 6.3760,
-16.4400

229.0970, 6.3760,
-16.4400

255.0000, -0.0000,
-0.0000

201.2110, 6.0550,
-16.1290

254.5440, 1.2840,
-1.2440

173.3250, 5.7340,
-15.8180

146.8520, 5.6880,
-14.9840

120.9660, 5.3670,
-14.6730

96.0800, 5.0460,
-14.3620

72.3080, 4.4040,
-13.7400

49.4220, 4.0830,

-13.4290

■ 28.3190, 5.8710,
-12.7930

■ 8.2180, -3.8500,
-7.3220

■ 229.0970, 6.3760,
-16.4400

■ 229.0970, 6.3760,
-16.4400

■ 224.2680, 9.9080,
-25.3880

■ 233.9260, 2.8440,
-7.4920

■ 219.4390, 13.4400,
-34.3360

■ 238.7550, -0.6880,
1.4560

■ 214.7240, 16.6510,
-42.9730

■ 242.3300, -0.6890,
6.9830

■ 209.8950, 20.1830,
-51.9210

■ 244.4230, 3.4830,
8.4670

■ 205.0660, 23.7150,
-60.8690

■ 245.0210, 4.6750,
8.8910

■ 200.2370, 27.2470,
-69.8170

■ 195.4080, 30.7790,
-78.7650

■ 190.6930, 33.9900,
-87.4020

■ 189.9380, 34.6780,
-88.8580

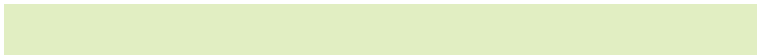
Harmonies

Analogous

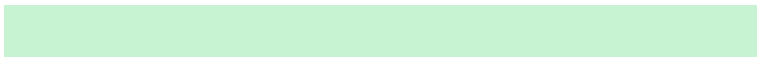
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.4800, 24.5310, -9.5570



229.0970, 6.3760, -16.4400



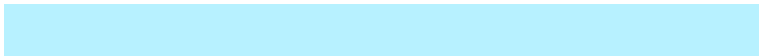
226.3810, -15.0350, -19.3790

Triad

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



229.0970, 6.3760, -16.4400



225.2540, -39.0620, -7.9420



230.1860, 17.5120, 13.0320

Complementary

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



229.0970, 6.3760, -16.4400



202.9030, -6.3760, 16.4400

Split Complementary

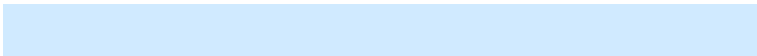
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.4550, 9.6250, 18.3050



229.0970, 6.3760, -16.4400



228.6200, -22.2370, 1.0190

Square

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



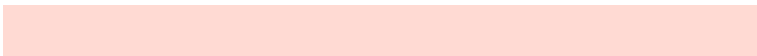
229.0970, 6.3760, -16.4400



224.4980, -45.8010, -12.4650



233.1820, -3.0280, 10.8280



228.2650, 24.2990, 5.6670

Rectangle

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



229.0970, 6.3760, -16.4400



224.9650, -28.4230, -19.0390



233.1820, -3.0280, 10.8280



231.5710, 14.9900, 14.6860

Sweetspot

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



229.0970, 6.3760, -16.4400



251.7950, 1.8350, -5.7250



214.2000, 22.9240, 3.0520



126.0770, 1.1010, -3.4350



0.0000, 0.0000, 0.0000



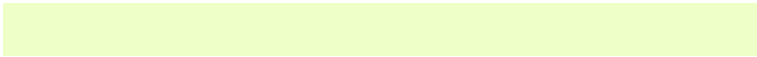
128.0000, -0.0000, -0.0000

Same Dimension

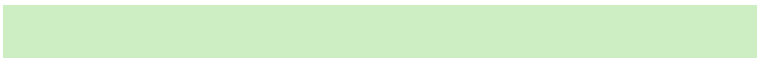
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.0970, 6.3760, -16.4400



243.5330, 7.8440, -21.0200



222.8180, -6.1400, -20.8920



117.4360, 1.4680, -4.5800



146.5790, 26.2840, -68.8840



44.5330, 7.8440, -21.0200

Inverse Universe

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



202.9030, -6.3760, 16.4400



210.4670, -7.8440, 21.0200



209.1820, 6.1400, 20.8920



110.2650, -2.0640, 4.3680



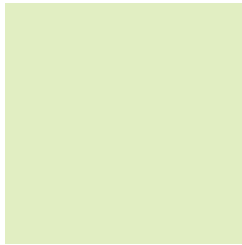
37.1220, -26.8800, 68.6720



11.4670, -7.8440, 21.0200

Previews

White Background



This preview shows how the YIQ color 229.0970, 6.3760, -16.4400 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 229.0970, 6.3760, -16.4400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

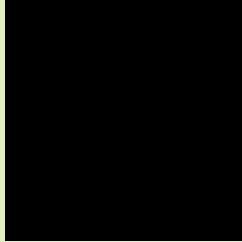
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

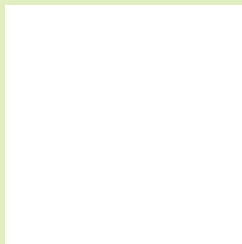
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 229.0970, 6.3760, -16.4400

Background



This preview shows how black text looks on a background with the YIQ color 229.0970, 6.3760, -16.4400.



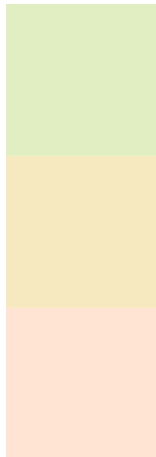
This preview shows how white text looks on a background with the YIQ color 229.0970, 6.3760,

-16.4400.

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

229.0970, 6.3760, -16.4400

Protanopia

231.5120, 21.5050, -9.7830

Deuteranopia

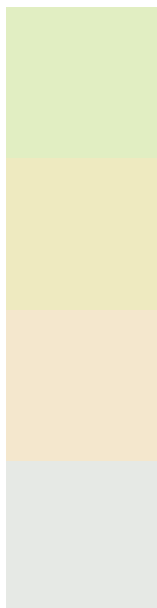
233.5480, 21.8240, 0.9600



Tritanopia

233.0630, -4.3110, 6.5450

Trichromacy



Original Color

229.0970, 6.3760, -16.4400

Protanomaly

230.4080, 15.8660, -12.2140

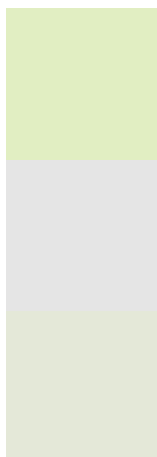
Deuteranomaly

231.9230, 16.0940, -5.3300

Tritanomaly

231.6470, -0.5040, -1.8800

Monochromacy



Original Color

229.0970, 6.3760, -16.4400

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

228.9800, 2.7520, -5.8240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.0970, 6.3760, -16.4400 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(225, 238, 194)` looks like.

```
.text, #text, p{  
    color:rgb(225, 238, 194)  
}
```

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(225, 238, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 238, 194) }
```

Border

The CSS property to change the border of an element to YIQ 229.0970, 6.3760, -16.4400 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(225, 238, 194) }
```


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

```
.border{ border-color:rgb(225, 238, 194) }
```

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

Here you see how a box with a 4 pixel rgb(225, 238, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 238, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 238, 194);  
box-shadow:4px 4px 4px 4px rgb(225, 238,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 229.0970, 6.3760, -16.4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 238, 194) }
```

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

```
.background{ background-color: rgb(225,  
238, 194) }
```

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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