

Converting Colors

YIQ(230.9770, 33.1970,
-12.4270)

Have a look what the booklet for
YIQ(230.9770, 33.1970, -12.4270)
contains.

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Color

**YIQ(230.9770, 33.1970,
-12.4270)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE6AD
RGB	255, 230, 173
RGB Percent	100%, 90%, 68%
CMY	0.0000, 0.0981, 0.3214
CMYK	0.00, 0.10, 0.32, 0.00
HSL	42°, 100%, 84%
HSV	42°, 32%, 100%
XYZ	77.0810, 80.8666, 51.1041
YIQ	230.9770, 33.1970, -12.4270

Conversions

Conversions Part 2

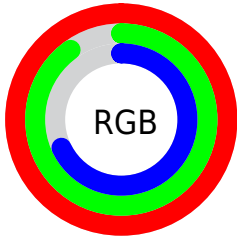
Format	Color
RYB	209, 255, 173
Decimal	16770733
CIELab	92.07, 0.44, 30.90
CIELCh	92, 30.907, 89.178
Yxy	80.8666, 0.3687, 0.3868
Android (android.graphics.Color)	4294960813 (0xFFFFE6AD)
YUV	230.9770, -28.5827, 21.0682
Hunter-Lab	89.9258, -4.3668, 29.2541

Details

The YIQ color $230.9770, 33.1970, -12.4270$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $197.0230, -33.1970, 12.4270$, and the grayscale version is $231.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $252.0360, 8.3460, -8.0860$, and $175.3080, 30.7670, -12.4410$ is the 20% darker color. If you saturate the color by 10%, you get $223.4310, 43.4220, -16.0180$, and if you desaturate by 10%, it is $238.6370, 22.6510, -8.5250$.

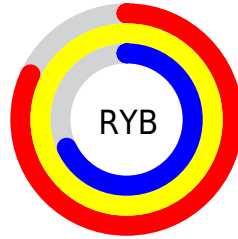
Distribution



Red (100%)

Green (90%)

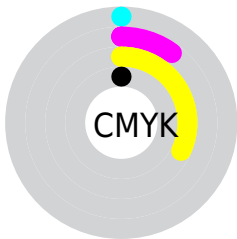
Blue (68%)



Red (82%)

Yellow (100%)

Blue (68%)

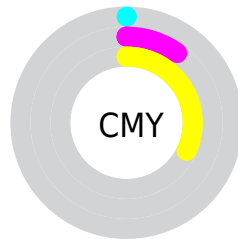


Cyan (0%)

Magenta (10%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 230.9770, 33.1970, -12.4270 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 230.9770, 33.1970, -12.4270 by changing the saturation by 10% instead.


 230.9770, 33.1970,
-12.4270


 230.9770, 33.1970,
-12.4270


255.0000, -0.0000,
-0.0000


 202.7920, 32.2800,
-12.3280


 252.0360, 8.3460,
-8.0860

 175.3080, 30.7670,
-12.4410

 148.2370, 29.5290,
-12.0310

 122.1660, 28.2910,
-11.6210

 97.5680, 27.0990,
-12.0450

 73.1980, 25.2650,
-11.8470

 49.3720, 24.7150,

-12.8930

■ 30.4560, 15.9110,
-7.5210

■ 7.9960, 5.8230,
-0.9050

■ 230.9770, 33.1970,
-12.4270

■ 230.9770, 33.1970,
-12.4270

■ 223.4310, 43.4220,
-16.0180

■ 238.6370, 22.6510,
-8.5250

■ 215.7710, 53.9680,
-19.9200

■ 246.1830, 12.4260,
-4.9340

■ 208.8120, 63.9180,
-24.0340

■ 253.2560, 2.1550,
-0.5090

■ 201.1520, 74.4640,
-27.9360

■ 255.0000, -0.0000,
-0.0000

■ 193.6060, 84.6890,
-31.5270

■ 185.9460, 95.2350,
-35.4290

■ 180.1440,
103.3050, -38.5110

Harmonies

Analogous

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



226.1330, 33.0580, -4.3980



230.9770, 33.1970, -12.4270



227.4900, 9.4030, -21.7410

Triad

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



230.9770, 33.1970, -12.4270



218.0010, -63.6350, -19.6590



232.1070, 10.7250, 20.3970

Complementary

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



230.9770, 33.1970, -12.4270



197.0230, -33.1970, 12.4270

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.



231.7090, -3.0740, 11.6620



230.9770, 33.1970, -12.4270



219.2520, -53.9160, -14.0760

Square

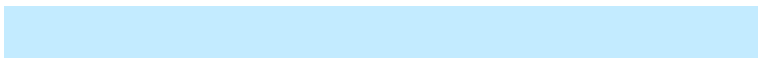
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.9770, 33.1970, -12.4270



219.9240, -47.5410, -24.9890



225.3200, -30.2600, -2.2600



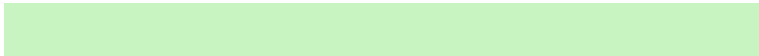
226.7780, 18.8410, 16.4810

Rectangle

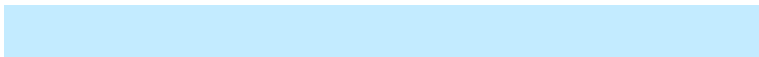
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230.9770, 33.1970, -12.4270



225.0300, -9.8530, -25.1890



225.3200, -30.2600, -2.2600



233.2810, 10.1750, 19.3510

Sweetspot

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



230.9770, 33.1970, -12.4270



247.4540, 10.2250, -3.5910



200.4820, 40.5260, 25.4700



123.2410, 6.5110, -2.3610



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

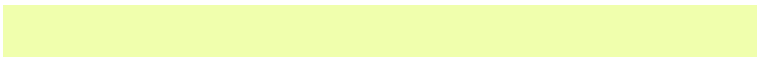
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.9770, 33.1970, -12.4270



226.1040, 40.0290, -15.0990



241.1670, 17.3820, -28.6820



124.1700, 5.2730, -1.9510



135.1800, 77.2610, -29.0670



44.9640, 26.0440, -9.4440

Inverse Universe

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



197.0230, -33.1970, 12.4270



184.8960, -40.0290, 15.0990



186.8330, -17.3820, 28.6820



118.8300, -5.2730, 1.9510



55.8200, -77.2610, 29.0670



18.4490, -25.7690, 9.9670

Previews

White Background



This preview shows how the YIQ color 230.9770, 33.1970, -12.4270 looks on a white background.

Color Contrast Check

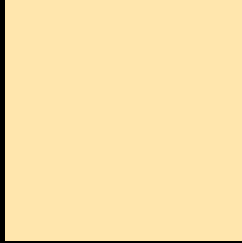
Large Text (above 18pt) WCAG AA × Fail

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 230.9770, 33.1970, -12.4270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

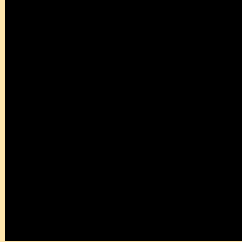
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 230.9770, 33.1970, -12.4270

Background



This preview shows how black text looks on a background with the YIQ color 230.9770, 33.1970, -12.4270.



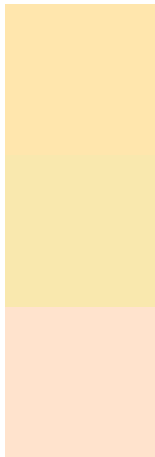
This preview shows how white text looks on a background with the YIQ color 230.9770, 33.1970, -12.4270.

-12.4270.

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

230.9770, 33.1970, -12.4270

Protanopia

230.4710, 28.7500, -14.4340

Deuteranopia

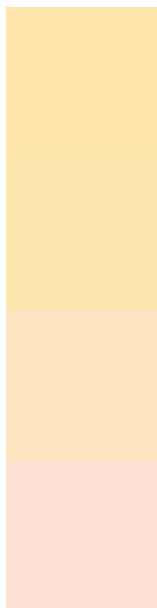
232.8640, 23.7500, -0.9060



Tritanopia

234.7510, 14.3030, 10.6150

Trichromacy



Original Color

230.9770, 33.1970, -12.4270

Protanomaly

230.4820, 30.2170, -13.4870

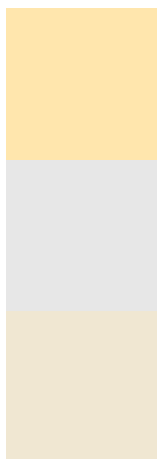
Deuteranomaly

232.0830, 27.3270, -5.1610

Tritanomaly

233.3030, 21.1360, 2.4160

Monochromacy



Original Color

230.9770, 33.1970, -12.4270

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

231.2970, 12.1050, -4.6230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.9770, 33.1970, -12.4270 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(255, 230, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 173)  
}
```

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(255, 230, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 173) }
```

Border

The CSS property to change the border of an element to YIQ 230.9770, 33.1970, -12.4270 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(255, 230, 173) }
```


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

```
.border{ border-color:rgb(255, 230, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 230.9770, 33.1970, -12.4270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 173) }
```

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

```
.background{ background-color: rgb(255,  
230, 173) }
```

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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