

Converting Colors

YIQ(242.9970, 21.2770,
-16.6670)

Have a look what the booklet for
YIQ(242.9970, 21.2770, -16.6670)
contains.

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Color

**YIQ(242.9970, 21.2770,
-16.6670)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF8BF
RGB	253, 248, 191
RGB Percent	99%, 97%, 75%
CMY	0.0079, 0.0274, 0.2508
CMYK	0.00, 0.02, 0.24, 0.01
HSL	55°, 94%, 87%
HSV	55°, 24%, 99%
XYZ	83.4801, 91.7780, 62.6242
YIQ	242.9970, 21.2770, -16.6670

Conversions

Conversions Part 2

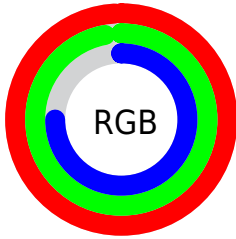
Format	Color
RYB	196, 253, 191
Decimal	16644287
CIELab	96.73, -7.07, 28.04
CIELCh	97, 28.914, 104.151
Yxy	91.7780, 0.3509, 0.3858
Android (android.graphics.Color)	4294834367 (0xFFFD8BF)
YUV	242.9970, -25.6345, 8.7726
Hunter-Lab	95.8008, -12.1079, 28.3032

Details

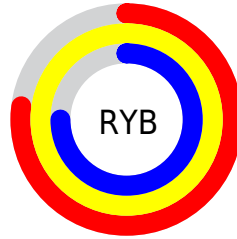
The YIQ color **242.9970, 21.2770, -16.6670** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **201.0030, -21.2770, 16.6670**, and the grayscale version is **243.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **254.2020, 2.2470, -2.1770**, and **186.9260, 20.0390, -16.2570** is the 20% darker color. If you saturate the color by 10%, you get **238.9730, 29.8520, -23.3960**, and if you desaturate by 10%, it is **247.0210, 12.7020, -9.9380**.

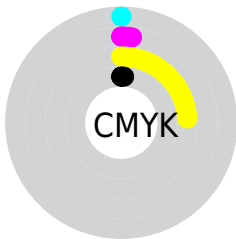
Distribution



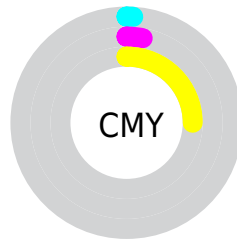
- Red (99%)
- Green (97%)
- Blue (75%)



- Red (77%)
- Yellow (99%)
- Blue (75%)



- Cyan (0%)
- Magenta (2%)
- Yellow (24%)
- Black (1%)





- Cyan (1%)
- Magenta (3%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 242.9970, 21.2770, -16.6670 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 242.9970, 21.2770, -16.6670 by changing the saturation by 10% instead.


 242.9970, 21.2770,
-16.6670


 242.9970, 21.2770,
-16.6670


255.0000, -0.0000,
-0.0000


 214.8120, 20.3600,
-16.5680


 254.2020, 2.2470,
-2.1770

 186.9260, 20.0390,
-16.2570

 159.8550, 18.8010,
-15.8470

 133.0830, 18.1590,
-15.2250

 107.8980, 17.2420,
-15.1260

 83.7130, 16.3250,
-15.0270

 59.6420, 15.0870,

-14.6170

■ 38.0980, 13.8030,
-13.3730

■ 18.8830, 4.4030,
-8.2130

■ 242.9970, 21.2770,
-16.6670

■ 242.9970, 21.2770,
-16.6670

■ 238.9730, 29.8520,
-23.3960

■ 247.0210, 12.7020,
-9.9380

■ 234.8350, 38.7480,
-30.4360

■ 251.1590, 3.8060,
-2.8980

■ 230.8110, 47.3230,
-37.1650

■ 253.8150, -0.9170,
0.0990

■ 226.7870, 55.8980,
-43.8940

■ 254.4020, -1.1920,
-0.4240

■ 222.7630, 64.4730,
-50.6230

■ 218.6250, 73.3690,
-57.6630

■ 214.6010, 81.9440,
-64.3920

■ 212.4180, 86.7130,
-68.2230

Harmonies

Analogous

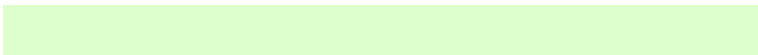
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.4260, 24.6230, -11.2250



242.9970, 21.2770, -16.6670



239.1340, -4.2140, -22.7580

Triad

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



242.9970, 21.2770, -16.6670



229.5850, -50.6600, -18.0200



238.5640, 7.7000, 14.6440

Complementary

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



242.9970, 21.2770, -16.6670



201.0030, -21.2770, 16.6670

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.



242.6730, 5.7750, 10.9830



242.9970, 21.2770, -16.6670



235.2880, -36.4020, -12.0980

Square

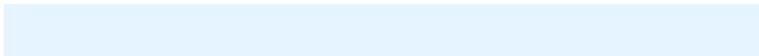
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242.9970, 21.2770, -16.6670



229.5850, -50.6600, -18.0200



241.0680, -11.8750, 0.4530



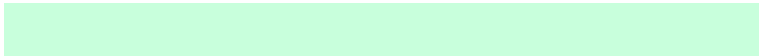
235.4690, 15.0370, 8.3250

Rectangle

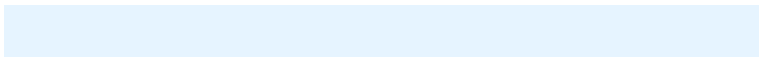
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242.9970, 21.2770, -16.6670



234.5650, -21.5450, -22.5450



241.0680, -11.8750, 0.4530



239.7380, 7.1500, 13.5980

Sweetspot

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



242.9970, 21.2770, -16.6670



252.3610, 6.0530, -5.0750



210.1080, 35.3470, 14.6990



126.1590, 3.8060, -2.8980



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

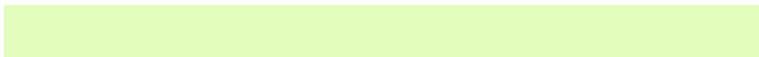
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.9970, 21.2770, -16.6670



243.0420, 25.4040, -19.8760



238.1580, 4.4060, -24.7940



125.3440, 4.7230, -2.9970



160.4210, 65.4360, -51.5560



53.7690, 21.9190, -17.2890

Inverse Universe

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



201.0030, -21.2770, 16.6670



192.9580, -25.4040, 19.8760



205.8420, -4.4060, 24.7940



117.0690, -4.4480, 3.5200



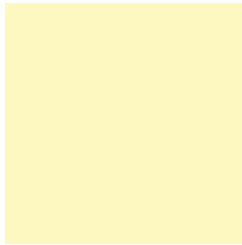
30.5790, -65.4360, 51.5560



10.2310, -21.9190, 17.2890

Previews

White Background



This preview shows how the YIQ color 242.9970, 21.2770, -16.6670 looks on a white background.

Color Contrast Check

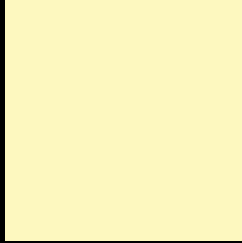
Large Text (above 18pt) WCAG AA × Fail

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 242.9970, 21.2770, -16.6670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

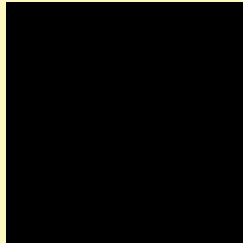
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 242.9970, 21.2770, -16.6670

Background



This preview shows how black text looks on a background with the YIQ color 242.9970, 21.2770, -16.6670.



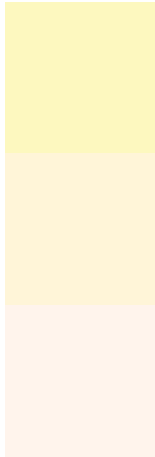
This preview shows how white text looks on a background with the YIQ color 242.9970, 21.2770,

-16.6670.

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

242.9970, 21.2770, -16.6670

Protanopia

244.6840, 15.2690, -6.8990

Deuteranopia

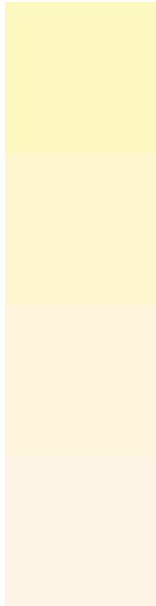
246.3770, 9.1240, -0.1560



Tritanopia

247.1410, 4.2170, 6.1770

Trichromacy



Original Color

242.9970, 21.2770, -16.6670

Protanomaly

243.9460, 17.2870, -10.4330

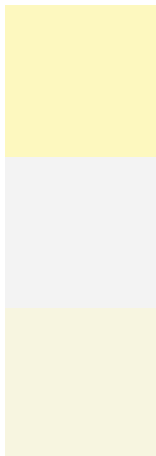
Deuteranomaly

244.8410, 13.3890, -5.8670

Tritanomaly

245.3940, 10.4540, -2.2340

Monochromacy



Original Color

242.9970, 21.2770, -16.6670

Achromatopsia

243.0000, 0.0000, -0.0000

Achromatomaly

243.2040, 7.9330, -6.1070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 242.9970, 21.2770, -16.6670 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(253, 248, 191)` looks like.

```
.text, #text, p{  
    color:rgb(253, 248, 191)  
}
```

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(253, 248, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 248, 191) }
```

Border

The CSS property to change the border of an element to YIQ 242.9970, 21.2770, -16.6670 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(253, 248, 191) }
```


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

```
.border{ border-color:rgb(253, 248, 191) }
```

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

Here you see how a box with a 4 pixel rgb(253, 248, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 248, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 248, 191);  
box-shadow:4px 4px 4px 4px rgb(253, 248,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 242.9970, 21.2770, -16.6670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 248, 191) }
```

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

```
.background{ background-color: rgb(253,  
248, 191) }
```

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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