

Converting Colors

YIQ(249.3970, 14.3990,
-13.1610)

Have a look what the booklet for
YIQ(249.3970, 14.3990, -13.1610)
contains.

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Color

**YIQ(249.3970, 14.3990,
-13.1610)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFED3
RGB	255, 254, 211
RGB Percent	100%, 100%, 83%
CMY	0.0000, 0.0039, 0.1725
CMYK	0.00, 0.00, 0.17, 0.00
HSL	59°, 100%, 91%
HSV	59°, 17%, 100%
XYZ	88.4401, 96.8464, 75.6751
YIQ	249.3970, 14.3990, -13.1610

Conversions

Conversions Part 2

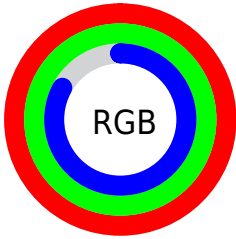
Format	Color
R _Y B	212, 255, 211
Decimal	16776915
CIE Lab	98.77, -6.55, 20.72
CIE LCh	99, 21.729, 107.551
Yxy	96.8464, 0.3389, 0.3711
Android (android.graphics.Color)	4294966995 (0xFFFFFED3)
YUV	249.3970, -18.9297, 4.9138
Hunter-Lab	98.4106, -11.8032, 23.2950

Details

The YIQ color **249.3970, 14.3990, -13.1610** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **216.6030, -14.3990, 13.1610**, and the grayscale version is **250.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **192.6250, 13.7570, -12.5390** is the 20% darker color. If you saturate the color by 10%, you get **245.9600, 22.6990, -20.4130**, and if you desaturate by 10%, it is **252.9480, 5.7780, -5.5980**.

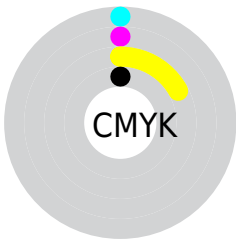
Distribution



- Red (100%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (83%)



- Cyan (0%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)




- Cyan (0%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 249.3970, 14.3990, -13.1610 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 249.3970, 14.3990, -13.1610 by changing the saturation by 10% instead.

 249.3970, 14.3990,
-13.1610

 249.3970, 14.3990,
-13.1610


255.0000, -0.0000,
-0.0000


 220.5110, 14.0780,
-12.8500

 192.6250, 13.7570,
-12.5390

 165.7390, 13.4360,
-12.2280

 139.5540, 12.5190,
-12.1290

 113.7820, 11.8770,
-11.5070

 88.8960, 11.5560,
-11.1960

 65.7110, 10.6390,

-11.0970

■ 43.5260, 9.7220,
-10.9980

■ 23.3240, 7.4750,
-8.8210

■ 249.3970, 14.3990,
-13.1610

■ 249.3970, 14.3990,
-13.1610

■ 245.9600, 22.6990,
-20.4130

■ 252.9480, 5.7780,
-5.5980

■ 242.9960, 31.0450,
-28.4990

255.0000, -0.0000,
-0.0000

■ 239.5590, 39.3450,
-35.7510

■ 236.5950, 47.6910,
-43.8370

■ 233.1580, 55.9910,
-51.0890

■ 230.1940, 64.3370,
-59.1750

■ 226.7570, 72.6370,
-66.4270

■ 223.2060, 81.2580,
-73.9900

■ 222.4080, 83.5050,
-76.1670

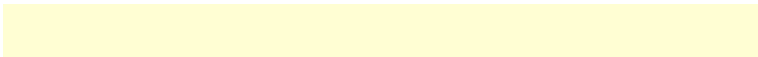
Harmonies

Analogous

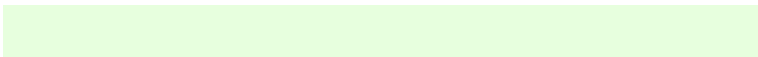
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245.2880, 16.3240, -9.5000



249.3970, 14.3990, -13.1610



244.0620, -3.7110, -15.3510

Triad

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



249.3970, 14.3990, -13.1610



238.2560, -33.3760, -11.8720



245.0210, 4.6750, 8.8910

Complementary

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



249.3970, 14.3990, -13.1610



216.6030, -14.3990, 13.1610

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.



247.3690, 3.5750, 6.7990



249.3970, 14.3990, -13.1610



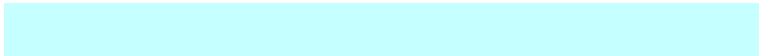
243.6380, -22.6480, -8.0560

Square

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



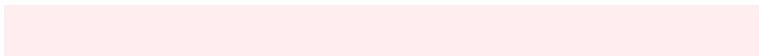
249.3970, 14.3990, -13.1610



237.6580, -34.5680, -12.2960



248.1890, -4.9060, 0.8060



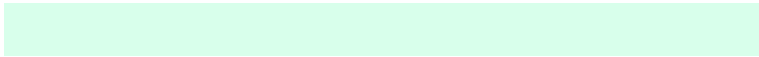
242.7240, 9.7650, 4.7490

Rectangle

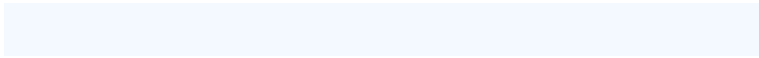
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



249.3970, 14.3990, -13.1610



241.0590, -16.8240, -14.4880



248.1890, -4.9060, 0.8060



245.6080, 4.4000, 8.3680

Sweetspot

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



249.3970, 14.3990, -13.1610



253.5180, 4.1730, -4.0430



224.2700, 25.9030, 9.6390



126.5010, 2.8430, -1.9650



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

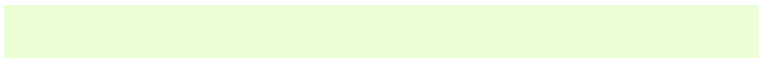
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249.3970, 14.3990, -13.1610



248.2570, 17.6090, -16.2710



243.7050, 1.6080, -18.1360



125.9310, 4.4480, -3.5200



166.8780, 62.4110, -57.3090



55.5300, 21.0940, -18.8580

Inverse Universe

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



216.6030, -14.3990, 13.1610



208.3300, -17.8840, 15.7480



222.2950, -1.6080, 18.1360



116.4820, -4.1730, 4.0430



24.1220, -62.4110, 57.3090



7.8830, -20.8190, 19.3810

Previews

White Background



This preview shows how the YIQ color 249.3970, 14.3990, -13.1610 looks on a white background.

Color Contrast Check

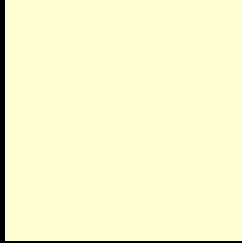
Large Text (above 18pt) WCAG AA × Fail

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 249.3970, 14.3990, -13.1610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

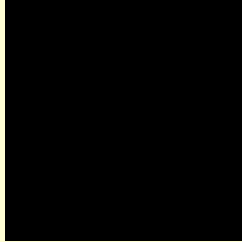
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 249.3970, 14.3990, -13.1610

Background



This preview shows how black text looks on a background with the YIQ color 249.3970, 14.3990, -13.1610.



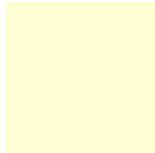
This preview shows how white text looks on a background with the YIQ color 249.3970, 14.3990,

-13.1610.

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

249.3970, 14.3990, -13.1610

Protanopia

251.1700, 5.2730, -1.9510

Deuteranopia

251.8540, 3.3470, -0.0850

Tritanopia

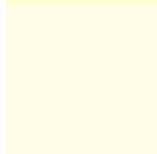
251.7660, 0.7790, 2.4030

Trichromacy



Original Color

249.3970, 14.3990, -13.1610



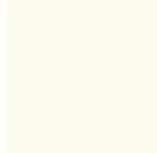
Protanomaly

250.5030, 8.5290, -5.8950



Deuteranomaly

250.9590, 7.2450, -4.6510



Tritanomaly

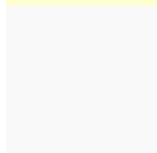
250.5290, 5.6400, -3.0960

Monochromacy



Original Color

249.3970, 14.3990, -13.1610



Achromatopsia

249.0000, -0.0000, -0.0000



Achromatomaly

249.1760, 5.1360, -4.9760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 249.3970, 14.3990, -13.1610 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, 254, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 211)  
}
```

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, 254, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 211) }
```

Border

The CSS property to change the border of an element to YIQ 249.3970, 14.3990, -13.1610 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, 254, 211) }
```


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

```
.border{ border-color:rgb(255, 254, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 254, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 249.3970, 14.3990, -13.1610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 211) }
```

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

```
.background{ background-color: rgb(255,  
254, 211) }
```

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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