

Converting Colors

YIQ(221.6390, 1.9740, -13.7540)

Have a look what the booklet for
YIQ(221.6390, 1.9740, -13.7540)
contains.

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Color

**YIQ(221.6390, 1.9740,
-13.7540)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E6C4
RGB	215, 230, 196
RGB Percent	84%, 90%, 77%
CMY	0.1569, 0.0980, 0.2313
CMYK	0.07, 0.00, 0.15, 0.10
HSL	87°, 40%, 84%
HSV	87°, 15%, 90%
XYZ	66.2834, 75.0279, 63.2181
YIQ	221.6390, 1.9740, -13.7540

Conversions

Conversions Part 2

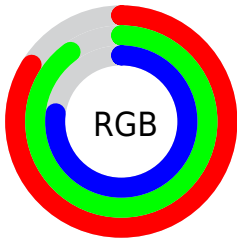
Format	Color
RYB	196, 230, 211
Decimal	14149316
CIELab	89.41, -10.94, 14.89
CIELCh	89, 18.473, 126.314
Yxy	75.0279, 0.3241, 0.3668
Android (android.graphics.Color)	4292339396 (0xFFD7E6C4)
YUV	221.6390, -12.6400, -5.8224
Hunter-Lab	86.6186, -14.9886, 17.3606

Details

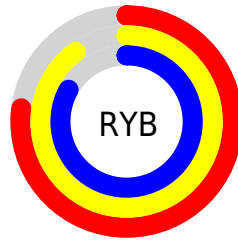
The YIQ color $221.6390, 1.9740, -13.7540$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $204.3610, -1.9740, 13.7540$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.7720, 0.6420, -0.6220$, and $166.7530, 1.6530, -13.4430$ is the 20% darker color. If you saturate the color by 10%, you get $216.0270, 3.3970, -23.0270$, and if you desaturate by 10%, it is $227.2510, 0.5510, -4.4810$.

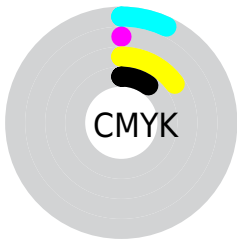
Distribution



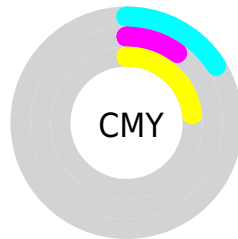
- Red (84%)
- Green (90%)
- Blue (77%)



- Red (77%)
- Yellow (90%)
- Blue (83%)



- Cyan (7%)
- Magenta (0%)
- Yellow (15%)
- Black (10%)



- Cyan (16%)
- Magenta (10%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.6390, 1.9740, -13.7540 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 221.6390, 1.9740, -13.7540 by changing the saturation by 10% instead.

■ 221.6390, 1.9740,
-13.7540

■ 221.6390, 1.9740,
-13.7540

255.0000, -0.0000,
-0.0000

■ 193.7530, 1.6530,
-13.4430

254.7720, 0.6420,
-0.6220

■ 166.7530, 1.6530,
-13.4430

■ 140.2800, 1.6070,
-12.6090

■ 114.3940, 1.2860,
-12.2980

■ 89.8070, 1.5610,
-11.7750

■ 66.3340, 1.5150,
-10.9410

■ 44.1490, 0.5980,

-10.8420

■ 23.5900, 3.6700,
-11.4500

■ 0.0000, 0.0000,
0.0000

■ 221.6390, 1.9740,
-13.7540

■ 221.6390, 1.9740,
-13.7540

■ 216.0270, 3.3970,
-23.0270

■ 227.2510, 0.5510,
-4.4810

■ 210.4150, 4.8200,
-32.3000

■ 232.8630, -0.8720,
4.7920

■ 204.5040, 5.6470,
-41.7850

■ 237.3350, 0.9150,
10.9550

■ 198.8920, 7.0700,
-51.0580

■ 240.3250, 6.8750,
13.0750

■ 193.2800, 8.4930,
-60.3310

■ 187.6680, 9.9160,
-69.6040

■ 182.0560, 11.3390,
-78.8770

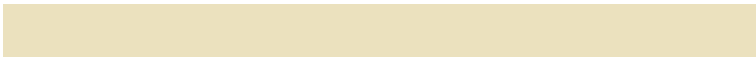
■ 176.4440, 12.7620,
-88.1500

■ 173.2820, 13.0380,
-93.1540

Harmonies

Analogous

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



224.0000, 17.1950, -8.7650



221.6390, 1.9740, -13.7540



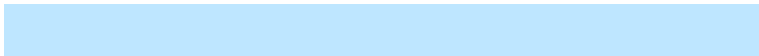
219.9020, -14.9440, -15.5200

Triad

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



221.6390, 1.9740, -13.7540



220.8900, -31.8650, -0.7050



226.4700, 22.4640, 11.3920

Complementary

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



221.6390, 1.9740, -13.7540



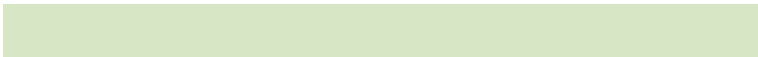
204.3610, -1.9740, 13.7540

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.



227.9130, 14.0270, 15.6190



221.6390, 1.9740, -13.7540



223.9350, -18.5700, 6.1500

Square

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



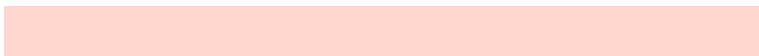
221.6390, 1.9740, -13.7540



218.8090, -36.3110, -8.2390



227.0620, -2.5700, 13.5420



225.2330, 27.3250, 5.8930

Rectangle

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



221.6390, 1.9740, -13.7540



218.8670, -25.0310, -14.4310



227.0620, -2.5700, 13.5420



227.2680, 20.2170, 13.5690

Sweetspot

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



221.6390, 1.9740, -13.7540



252.3650, 0.2300, -4.1700



214.9710, 16.1390, -0.6370



126.3050, 0.4590, -2.8130



0.0000, 0.0000, 0.0000



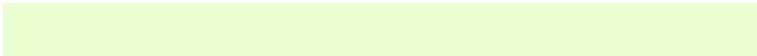
128.0000, -0.0000, -0.0000

Same Dimension

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



221.6390, 1.9740, -13.7540



243.7760, 2.8460, -18.5460



216.5560, -8.1580, -17.3580



112.1370, 0.8720, -4.7920



134.9730, 10.3750, -72.4170



38.3090, 2.6630, -20.7370

Inverse Universe

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



204.3610, -1.9740, 13.7540



220.2240, -2.8460, 18.5460



209.4440, 8.1580, 17.3580



105.8630, -0.8720, 4.7920



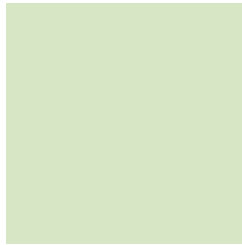
44.0270, -10.3750, 72.4170



12.6910, -2.6630, 20.7370

Previews

White Background



This preview shows how the YIQ color 221.6390, 1.9740, -13.7540 looks on a white background.

Color Contrast Check

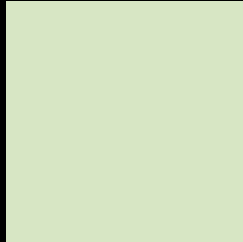
Large Text (above 18pt) WCAG AA × Fail

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 221.6390, 1.9740, -13.7540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

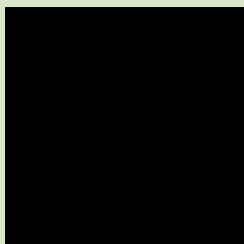
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

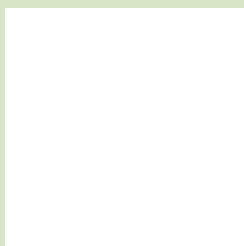
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 221.6390, 1.9740, -13.7540

Background



This preview shows how black text looks on a background with the YIQ color 221.6390, 1.9740, -13.7540.



This preview shows how white text looks on a background with the YIQ color 221.6390, 1.9740, -13.7540.

-13.7540.

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

221.6390, 1.9740, -13.7540

Protanopia

224.0540, 17.1030, -7.0970

Deuteranopia

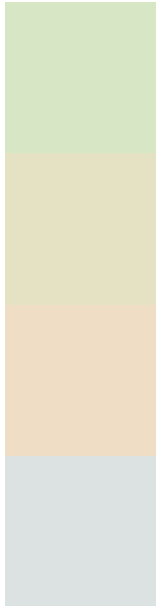
225.7230, 28.7010, 2.9810



Tritanopia

225.3400, -6.6490, 4.8630

Trichromacy



Original Color

221.6390, 1.9740, -13.7540

Protanomaly

222.9500, 11.4640, -9.5280

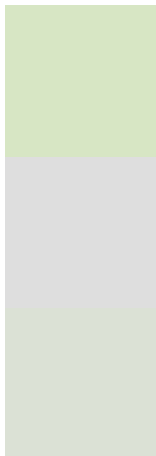
Deuteranomaly

224.0590, 18.7070, -3.1250

Tritanomaly

223.7930, -3.8510, -1.7950

Monochromacy



Original Color

221.6390, 1.9740, -13.7540

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

221.8380, 0.2760, -5.0040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.6390, 1.9740, -13.7540 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(215, 230, 196)` looks like.

```
.text, #text, p{  
    color:rgb(215, 230, 196)  
}
```

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(215, 230, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 230, 196) }
```

Border

The CSS property to change the border of an element to YIQ 221.6390, 1.9740, -13.7540 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(215, 230, 196) }
```


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

```
.border{ border-color:rgb(215, 230, 196) }
```

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

Here you see how a box with a 4 pixel rgb(215, 230, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 230, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 230, 196);  
box-shadow:4px 4px 4px 4px rgb(215, 230,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 221.6390, 1.9740, -13.7540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 230, 196) }
```

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

```
.background{ background-color: rgb(215,  
230, 196) }
```

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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