

Converting Colors

YIQ(219.0840, -0.7770,
-13.4570)

Have a look what the booklet for
YIQ(219.0840, -0.7770, -13.4570)
contains.

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Color

**YIQ(219.0840, -0.7770,
-13.4570)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E4C5
RGB	210, 228, 197
RGB Percent	82%, 89%, 77%
CMY	0.1765, 0.1058, 0.2274
CMYK	0.08, 0.00, 0.14, 0.11
HSL	95°, 36%, 83%
HSV	95°, 14%, 89%
XYZ	64.3979, 73.2217, 63.5656
YIQ	219.0840, -0.7770, -13.4570

Conversions

Conversions Part 2

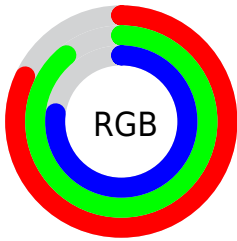
Format	Color
RYB	197, 228, 215
Decimal	13821125
CIELab	88.55, -11.51, 13.11
CIELCh	89, 17.445, 131.280
Yxy	73.2217, 0.3201, 0.3640
Android (android.graphics.Color)	4292011205 (0xFFD2E4C5)
YUV	219.0840, -10.8874, -7.9667
Hunter-Lab	85.5697, -15.4116, 15.8551

Details

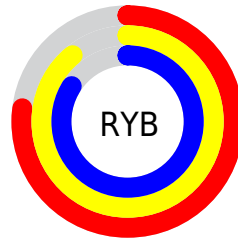
The YIQ color $219.0840, -0.7770, -13.4570$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $205.9160, 0.7770, 13.4570$, and the grayscale version is $219.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $254.8860, 0.3210, -0.3110$, and $164.1980, -1.0980, -13.1460$ is the 20% darker color. If you saturate the color by 10%, you get $212.5750, -1.1420, -23.3660$, and if you desaturate by 10%, it is $225.5930, -0.4120, -3.5480$.

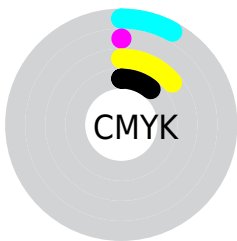
Distribution



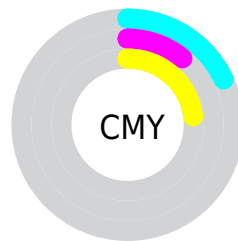
- Red (82%)
- Green (89%)
- Blue (77%)



- Red (77%)
- Yellow (89%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.0840, -0.7770, -13.4570 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 219.0840, -0.7770, -13.4570 by changing the saturation by 10% instead.

■ 219.0840, -0.7770,
-13.4570

■ 219.0840, -0.7770,
-13.4570

255.0000, -0.0000,
-0.0000

■ 191.1980, -1.0980,
-13.1460

254.8860, 0.3210,
-0.3110

■ 164.1980, -1.0980,
-13.1460

■ 137.7250, -1.1440,
-12.3120

■ 112.1380, -0.8690,
-11.7890

■ 88.1380, -0.8690,
-11.7890

■ 64.6650, -0.9150,
-10.9550

■ 42.1920, -0.9610,

-10.1210

■ 20.9210, 1.2400,
-11.4640

■ 0.0000, 0.0000,
0.0000

■ 219.0840, -0.7770,
-13.4570

■ 219.0840, -0.7770,
-13.4570

■ 212.5750, -1.1420,
-23.3660

■ 225.5930, -0.4120,
-3.5480

■ 205.7670, -2.1030,
-33.4870

■ 232.1020, -0.0470,
6.3610

■ 199.3720, -2.7890,
-43.0850

■ 237.6560, 4.4450,
13.0610

■ 192.8630, -3.1540,
-52.9940

■ 239.1510, 7.4250,
14.1210

■ 186.3540, -3.5190,
-62.9030

■ 179.5460, -4.4800,
-73.0240

■ 173.0370, -4.8450,
-82.9330

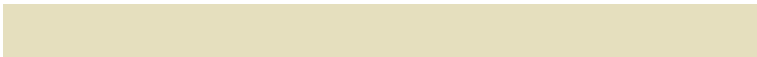
■ 166.6420, -5.5310,
-92.5310

■ 162.2410, -6.0800,
-99.1040

Harmonies

Analogous

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



221.0320, 14.1690, -8.9910



219.0840, -0.7770, -13.4570



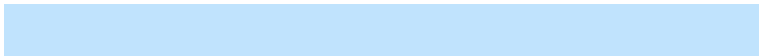
217.0590, -16.8240, -14.4880

Triad

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



219.0840, -0.7770, -13.4570



219.4990, -29.2060, 0.6660



224.7260, 24.6190, 10.8830

Complementary

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



219.0840, -0.7770, -13.4570



205.9160, 0.7770, 13.4570

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.



225.4570, 15.3110, 14.3750



219.0840, -0.7770, -13.4570



222.7720, -16.5530, 8.1430

Square

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



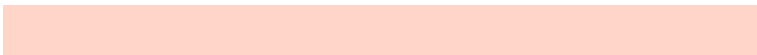
219.0840, -0.7770, -13.4570



217.5320, -33.9730, -6.5570



224.6170, 0.1810, 13.2450



224.1900, 28.8840, 5.1720

Rectangle

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



219.0840, -0.7770, -13.4570



216.5080, -25.3980, -13.2860



224.6170, 0.1810, 13.2450



225.4100, 22.6930, 12.7490

Sweetspot

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



219.0840, -0.7770, -13.4570



252.0660, -0.3660, -4.3820



216.8350, 13.5260, -2.8420



126.0060, -0.1370, -3.0250



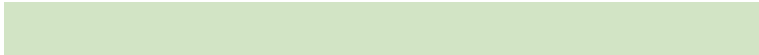
0.0000, 0.0000, 0.0000



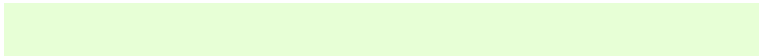
128.0000, -0.0000, -0.0000

Same Dimension

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



219.0840, -0.7770, -13.4570



243.1500, -1.1430, -17.8390



215.4250, -9.1670, -15.5910



111.5390, -0.3200, -5.2160



127.4980, -4.5250, -77.7170



36.2160, -1.5090, -22.2210

Inverse Universe

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



205.9160, 0.7770, 13.4570



225.8500, 1.1430, 17.8390



209.5750, 9.1670, 15.5910



106.4610, 0.3200, 5.2160



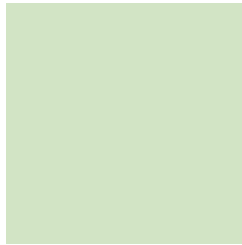
51.5020, 4.5250, 77.7170



14.7840, 1.5090, 22.2210

Previews

White Background



This preview shows how the YIQ color 219.0840, -0.7770, -13.4570 looks on a white background.

Color Contrast Check

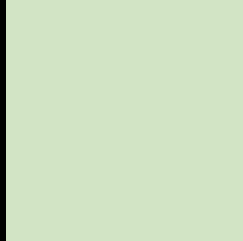
Large Text (above 18pt) WCAG AA × Fail

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 219.0840, -0.7770, -13.4570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

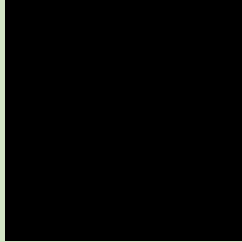
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

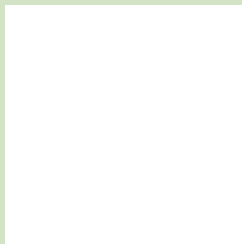
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 219.0840, -0.7770, -13.4570

Background



This preview shows how black text looks on a background with the YIQ color 219.0840, -0.7770, -13.4570.



This preview shows how white text looks on a background with the YIQ color 219.0840, -0.7770,

-13.4570.

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

219.0840, -0.7770, -13.4570

Protanopia

221.2110, 15.2230, -6.0650

Deuteranopia

223.7660, 27.1420, 3.7020



Tritanopia

222.5570, -8.7580, 4.5380

Trichromacy



Original Color

219.0840, -0.7770, -13.4570

Protanomaly

220.6940, 9.3090, -9.0190

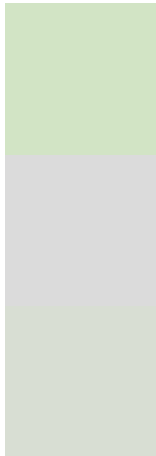
Deuteranomaly

222.1020, 17.1480, -2.4040

Tritanomaly

221.0100, -5.9600, -2.1200

Monochromacy



Original Color

219.0840, -0.7770, -13.4570

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

218.9520, -0.0450, -4.6930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.0840, -0.7770, -13.4570 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(210, 228, 197)` looks like.

```
.text, #text, p{  
    color:rgb(210, 228, 197)  
}
```

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(210, 228, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 228, 197) }
```

Border

The CSS property to change the border of an element to YIQ 219.0840, -0.7770, -13.4570 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(210, 228, 197) }
```


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

```
.border{ border-color:rgb(210, 228, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 228, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 228, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 228, 197);  
box-shadow:4px 4px 4px 4px rgb(210, 228,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 219.0840, -0.7770, -13.4570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 228, 197) }
```

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

```
.background{ background-color: rgb(210,  
228, 197) }
```

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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