

Converting Colors

YIQ(219.4970, -0.5020,
-12.9340)

Have a look what the booklet for
YIQ(219.4970, -0.5020, -12.9340)
contains.

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Color

**YIQ(219.4970, -0.5020,
-12.9340)**

Conversions

Conversions Part 1

Format	Color
Hex	D3E4C6
RGB	211, 228, 198
RGB Percent	83%, 89%, 78%
CMY	0.1726, 0.1058, 0.2235
CMYK	0.07, 0.00, 0.13, 0.11
HSL	94°, 36%, 84%
HSV	94°, 13%, 89%
XYZ	64.7987, 73.4148, 64.1846
YIQ	219.4970, -0.5020, -12.9340

Conversions

Conversions Part 2

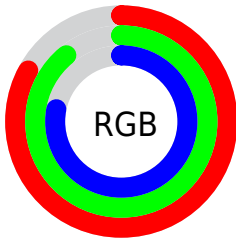
Format	Color
RYB	198, 228, 215
Decimal	13886662
CIELab	88.65, -11.00, 12.73
CIELCh	89, 16.820, 130.826
Yxy	73.4148, 0.3202, 0.3627
Android (android.graphics.Color)	4292076742 (0xFFD3E4C6)
YUV	219.4970, -10.5980, -7.4519
Hunter-Lab	85.6824, -14.9509, 15.5637

Details

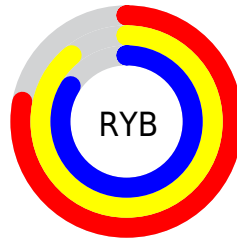
The YIQ color $219.4970, -0.5020, -12.9340$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $206.5030, 0.5020, 12.9340$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $164.6110, -0.8230, -12.6230$ is the 20% darker color. If you saturate the color by 10%, you get $212.9880, -0.8670, -22.8430$, and if you desaturate by 10%, it is $226.0060, -0.1370, -3.0250$.

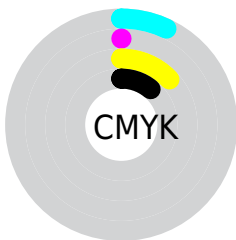
Distribution



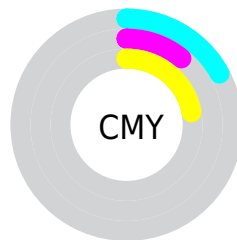
- Red (83%)
- Green (89%)
- Blue (78%)



- Red (78%)
- Yellow (89%)
- Blue (84%)



- Cyan (7%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)



- Cyan (17%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.4970, -0.5020, -12.9340 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 219.4970, -0.5020, -12.9340 by changing the saturation by 10% instead.

■ 219.4970, -0.5020,
-12.9340

■ 219.4970, -0.5020,
-12.9340

255.0000, -0.0000,
-0.0000

■ 191.6110, -0.8230,
-12.6230

■ 164.6110, -0.8230,
-12.6230

■ 138.0240, -0.5480,
-12.1000

■ 112.5510, -0.5940,
-11.2660

■ 88.5510, -0.5940,
-11.2660

■ 64.7790, -1.2360,
-10.6440

■ 42.4910, -0.3650,

-9.9090

■ 21.2200, 1.8360,
-11.2520

■ 0.0000, 0.0000,
0.0000

■ 219.4970, -0.5020,
-12.9340

■ 219.4970, -0.5020,
-12.9340

■ 212.9880, -0.8670,
-22.8430

■ 226.0060, -0.1370,
-3.0250

■ 206.4790, -1.2320,
-32.7520

■ 232.5150, 0.2280,
6.8840

■ 200.0840, -1.9180,
-42.3500

■ 237.6560, 4.4450,
13.0610

■ 193.5750, -2.2830,
-52.2590

■ 239.1510, 7.4250,
14.1210

■ 187.0660, -2.6480,
-62.1680

■ 180.5570, -3.0130,
-72.0770

■ 174.0480, -3.3780,
-81.9860

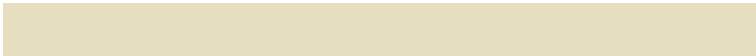
■ 167.6530, -4.0640,
-91.5840

■ 163.4370, -3.6960,
-98.2560

Harmonies

Analogous

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



221.1460, 13.8480, -8.6800



219.4970, -0.5020, -12.9340



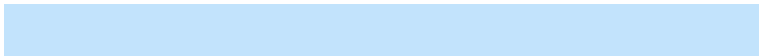
217.6570, -15.6320, -14.0640

Triad

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



219.4970, -0.5020, -12.9340



219.9830, -27.6930, 0.7790



225.4270, 24.0230, 10.6710

Complementary

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



219.4970, -0.5020, -12.9340



206.5030, 0.5020, 12.9340

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.



226.0440, 15.0360, 13.8520



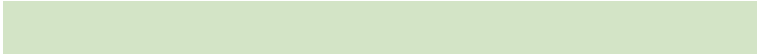
219.4970, -0.5020, -12.9340



222.9570, -15.6360, 8.0440

Square

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



219.4970, -0.5020, -12.9340



218.0160, -32.4600, -6.4440



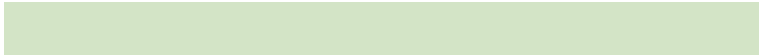
225.2040, -0.0940, 12.7220



224.8910, 28.2880, 4.9600

Rectangle

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



219.4970, -0.5020, -12.9340



217.1060, -24.2060, -12.8620



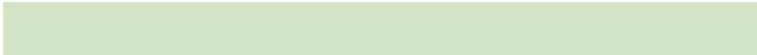
225.2040, -0.0940, 12.7220



226.1110, 22.0970, 12.5370

Sweetspot

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



219.4970, -0.5020, -12.9340



252.0660, -0.3660, -4.3820



216.9490, 13.2050, -2.5310



126.0060, -0.1370, -3.0250



0.0000, 0.0000, 0.0000



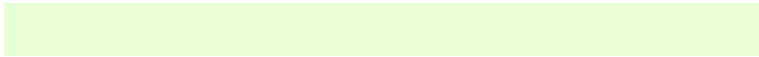
128.0000, -0.0000, -0.0000

Same Dimension

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



219.4970, -0.5020, -12.9340



243.4490, -0.5470, -17.6270



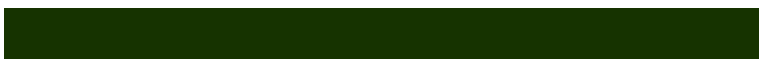
215.8380, -8.8920, -15.0680



111.5390, -0.3200, -5.2160



128.0960, -3.3330, -77.2930



36.5150, -0.9130, -22.0090

Inverse Universe

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



206.5030, 0.5020, 12.9340



225.5510, 0.5470, 17.6270



210.1620, 8.8920, 15.0680



106.4610, 0.3200, 5.2160



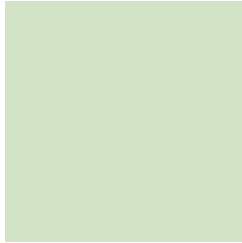
50.6050, 2.7370, 77.0810



14.4850, 0.9130, 22.0090

Previews

White Background



This preview shows how the YIQ color 219.4970, -0.5020, -12.9340 looks on a white background.

Color Contrast Check

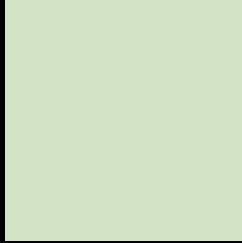
Large Text (above 18pt) WCAG AA × Fail

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 219.4970, -0.5020, -12.9340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

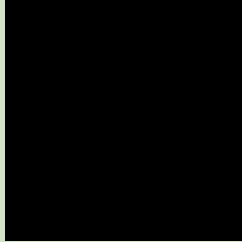
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

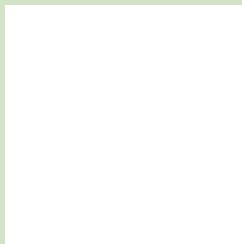
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 219.4970, -0.5020, -12.9340

Background



This preview shows how black text looks on a background with the YIQ color 219.4970, -0.5020, -12.9340.



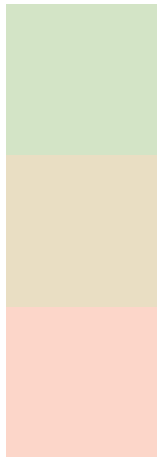
This preview shows how white text looks on a background with the YIQ color 219.4970, -0.5020,

-12.9340.

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

219.4970, -0.5020, -12.9340

Protanopia

222.2110, 15.2230, -6.0650

Deuteranopia

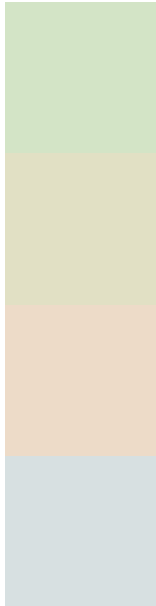
223.8800, 26.8210, 4.0130



Tritanopia

222.5570, -8.7580, 4.5380

Trichromacy



Original Color

219.4970, -0.5020, -12.9340

Protanomaly

221.1070, 9.5840, -8.4960

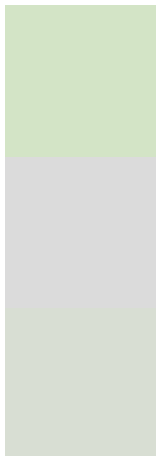
Deuteranomaly

222.2160, 16.8270, -2.0930

Tritanomaly

221.4230, -5.6850, -1.5970

Monochromacy



Original Color

219.4970, -0.5020, -12.9340

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 219.4970, -0.5020, -12.9340 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(211, 228, 198)` looks like.

```
.text, #text, p{  
    color:rgb(211, 228, 198)  
}
```

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(211, 228, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 228, 198) }
```

Border

The CSS property to change the border of an element to YIQ 219.4970, -0.5020, -12.9340 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(211, 228, 198) }
```


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

```
.border{ border-color:rgb(211, 228, 198) }
```

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

Here you see how a box with a 4 pixel rgb(211, 228, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 228, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 228, 198);  
box-shadow:4px 4px 4px 4px rgb(211, 228,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 219.4970, -0.5020, -12.9340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 228, 198) }
```

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

```
.background{ background-color: rgb(211,  
228, 198) }
```

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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