

Converting Colors

YIQ(219.4410, 11.0990,
-19.4370)

Have a look what the booklet for
YIQ(219.4410, 11.0990, -19.4370)
contains.

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Color

**YIQ(219.4410, 11.0990,
-19.4370)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE5AE
RGB	218, 229, 174
RGB Percent	85%, 90%, 68%
CMY	0.1452, 0.1019, 0.3176
CMYK	0.05, 0.00, 0.24, 0.10
HSL	72°, 51%, 79%
HSV	72°, 24%, 90%
XYZ	64.5715, 74.0010, 50.9360
YIQ	219.4410, 11.0990, -19.4370

Conversions

Conversions Part 2

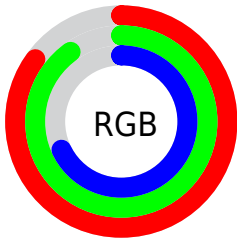
Format	Color
RYB	174, 229, 185
Decimal	14345646
CIELab	88.92, -12.71, 25.64
CIELCh	89, 28.621, 116.361
Yxy	74.0010, 0.3407, 0.3905
Android (android.graphics.Color)	4292535726 (0xFFDAE5AE)
YUV	219.4410, -22.4024, -1.2638
Hunter-Lab	86.0238, -16.5554, 25.1102

Details

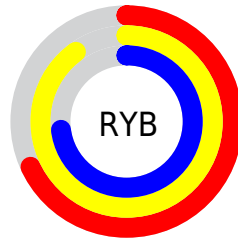
The YIQ color $219.4410, 11.0990, -19.4370$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $183.5590, -11.0990, 19.4370$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.1500, 8.0250, -7.7750$, and $164.6690, 10.4570, -18.8150$ is the 20% darker color. If you saturate the color by 10%, you get $215.3240, 15.5020, -27.6500$, and if you desaturate by 10%, it is $223.5580, 6.6960, -11.2240$.

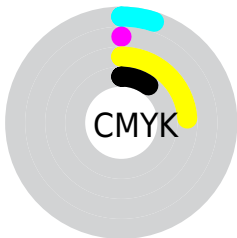
Distribution



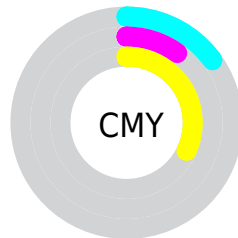
- Red (85%)
- Green (90%)
- Blue (68%)



- Red (68%)
- Yellow (90%)
- Blue (73%)



- Cyan (5%)
- Magenta (0%)
- Yellow (24%)
- Black (10%)





- Cyan (15%)
- Magenta (10%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 219.4410, 11.0990, -19.4370 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 219.4410, 11.0990, -19.4370 by changing the saturation by 10% instead.


 219.4410, 11.0990,
-19.4370

 219.4410, 11.0990,
-19.4370

255.0000, -0.0000,
-0.0000


 191.5550, 10.7780,
-19.1260


 252.1500, 8.0250,
-7.7750

 164.6690, 10.4570,
-18.8150

 137.8970, 9.8150,
-18.1930

 112.1250, 9.1730,
-17.5710

 87.3530, 8.5310,
-16.9490

 64.1680, 7.6140,
-16.8500

 41.2390, 8.8520,

-17.2600

■ 21.8070, 1.5610,
-11.7750

■ 0.0000, 0.0000,
0.0000

■ 219.4410, 11.0990,
-19.4370

■ 219.4410, 11.0990,
-19.4370

■ 215.3240, 15.5020,
-27.6500

■ 223.5580, 6.6960,
-11.2240

■ 211.5060, 20.5010,
-35.6510

■ 227.3760, 1.6970,
-3.2230

■ 207.3890, 24.9040,
-43.8640

■ 231.4930, -2.7060,
4.9900

■ 203.5710, 29.9030,
-51.8650

■ 234.0570, -4.1740,
9.5700

■ 199.5680, 33.9850,
-59.7670

■ 235.5520, -1.1940,
10.6300

■ 195.4510, 38.3880,
-67.9800

■ 237.0470, 1.7860,
11.6900

■ 191.6330, 43.3870,
-75.9810

■ 238.2430, 4.1700,
12.5380

■ 189.1400, 46.0930,
-80.9710

■ 239.7380, 7.1500,
13.5980

Harmonies

Analogous

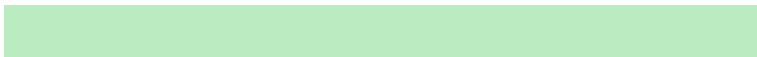
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.2590, 32.4630, -10.1370



219.4410, 11.0990, -19.4370



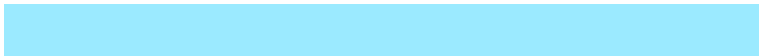
215.7460, -14.8050, -23.5490

Triad

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



219.4410, 11.0990, -19.4370



212.7730, -53.8250, -10.2170



221.9850, 22.6920, 18.2760

Complementary

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



219.4410, 11.0990, -19.4370



183.5590, -11.0990, 19.4370

Split Complementary

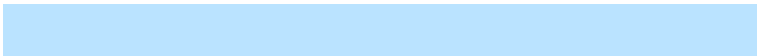
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.8840, 12.9710, 23.7470



219.4410, 11.0990, -19.4370



217.9330, -33.4240, 0.0160

Square

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



219.4410, 11.0990, -19.4370



211.2190, -58.3170, -16.9170



223.1260, -8.6220, 13.0900



219.3800, 31.4050, 9.0450

Rectangle

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



219.4410, 11.0990, -19.4370



213.5790, -33.3280, -23.7600



223.1260, -8.6220, 13.0900



223.5980, 19.5280, 20.5520

Sweetspot

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



219.4410, 11.0990, -19.4370



251.7520, 3.3940, -6.4460



196.9020, 29.7550, 5.9070



125.8490, 1.7430, -4.0570



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.



219.4410, 11.0990, -19.4370



242.0790, 14.8140, -26.1940



211.3680, -4.9930, -25.1610



112.7350, 2.0640, -4.3680



147.8300, 36.0030, -63.3010



42.1960, 10.4110, -17.9810

Inverse Universe

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



183.5590, -11.0990, 19.4370



193.9210, -14.8140, 26.1940



191.9310, 5.5890, 25.3730



105.2650, -2.0640, 4.3680



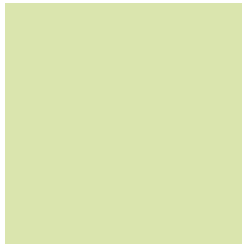
31.1700, -36.0030, 63.3010



8.8040, -10.4110, 17.9810

Previews

White Background



This preview shows how the YIQ color 219.4410, 11.0990, -19.4370 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 219.4410, 11.0990, -19.4370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

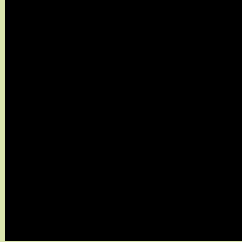
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

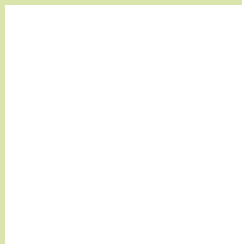
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 219.4410, 11.0990, -19.4370

Background



This preview shows how black text looks on a background with the YIQ color 219.4410, 11.0990, -19.4370.



This preview shows how white text looks on a background with the YIQ color 219.4410, 11.0990, -19.4370.

-19.4370.

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

219.4410, 11.0990, -19.4370

Protanopia

221.5570, 25.6320, -12.9920

Deuteranopia

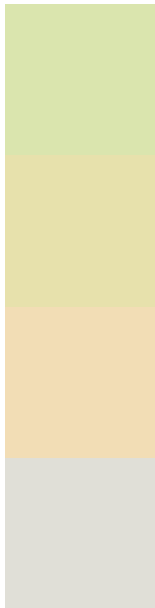
224.1270, 33.1950, -1.3730



Tritanopia

224.1450, -1.6060, 7.0820

Trichromacy



Original Color

219.4410, 11.0990, -19.4370

Protanomaly

220.7520, 20.5890, -15.2110

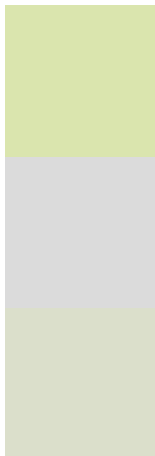
Deuteranomaly

222.7190, 25.3560, -7.9880

Tritanomaly

222.3870, 3.1640, -2.2760

Monochromacy



Original Color

219.4410, 11.0990, -19.4370

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

219.5240, 4.0360, -7.0680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.4410, 11.0990, -19.4370 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(218, 229, 174)` looks like.

```
.text, #text, p{  
    color:rgb(218, 229, 174)  
}
```

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(218, 229, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 229, 174) }
```

Border

The CSS property to change the border of an element to YIQ 219.4410, 11.0990, -19.4370 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(218, 229, 174) }
```


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

```
.border{ border-color:rgb(218, 229, 174) }
```

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

Here you see how a box with a 4 pixel rgb(218, 229, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 229, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 229, 174);  
box-shadow:4px 4px 4px 4px rgb(218, 229,  
174) }
```

Background

The CSS property to change the background color of an element to YIQ 219.4410, 11.0990, -19.4370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 229, 174) }
```

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

```
.background{ background-color: rgb(218,  
229, 174) }
```

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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