

Converting Colors

YIQ(199.2240, -3.9870,
-10.3470)

Have a look what the booklet for
YIQ(199.2240, -3.9870, -10.3470)
contains.

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Color

**YIQ(199.2240, -3.9870,
-10.3470)**

Conversions

Conversions Part 1

Format	Color
Hex	BDCFBA
RGB	189, 207, 186
RGB Percent	74%, 81%, 73%
CMY	0.2589, 0.1882, 0.2706
CMYK	0.09, 0.00, 0.10, 0.19
HSL	111°, 18%, 77%
HSV	111°, 10%, 81%
XYZ	52.1603, 58.9915, 55.0918
YIQ	199.2240, -3.9870, -10.3470

Conversions

Conversions Part 2

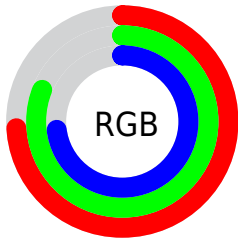
Format	Color
R _{YB}	186, 207, 204
Decimal	12439482
CIE Lab	81.29, -9.98, 8.37
CIE LCh	81, 13.024, 140.031
Yxy	58.9915, 0.3138, 0.3548
Android (android.graphics.Color)	4290629562 (0xFFBDCFBA)
YUV	199.2240, -6.5194, -8.9664
Hunter-Lab	76.8059, -13.1876, 11.2362

Details

The YIQ color $199.2240, -3.9870, -10.3470$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $193.7760, 3.9870, 10.3470$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.5280, -1.7870, -6.1630$, and $145.6370, -3.7120, -9.8240$ is the 20% darker color. If you saturate the color by 10%, you get $191.4480, -7.9740, -20.6940$, and if you desaturate by 10%, it is $207.0000, 0.0000, -0.0000$.

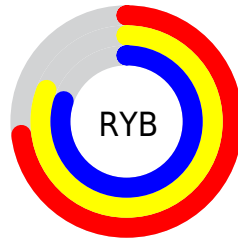
Distribution



Red (74%)

Green (81%)

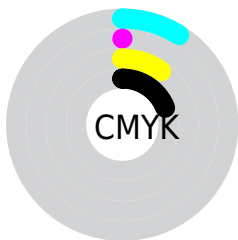
Blue (73%)



Red (73%)

Yellow (81%)

Blue (80%)

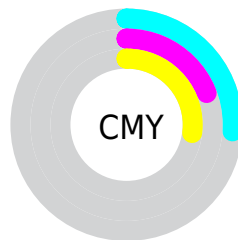


Cyan (9%)

Magenta (0%)

Yellow (10%)

Black (19%)



Cyan (26%)

Magenta (19%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.2240, -3.9870, -10.3470 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 199.2240, -3.9870, -10.3470 by changing the saturation by 10% instead.

■ 199.2240, -3.9870,
-10.3470

■ 199.2240, -3.9870,
-10.3470

255.0000, -0.0000,
-0.0000

■ 171.6370, -3.7120,
-9.8240

■ 250.5280, -1.7870,
-6.1630

■ 145.6370, -3.7120,
-9.8240

■ 119.7510, -4.0330,
-9.5130

■ 95.0500, -3.4370,
-9.3010

■ 71.1640, -3.7580,
-8.9900

■ 48.6910, -3.8040,
-8.1560

■ 27.4030, -2.9330,

-7.4210

■ 5.2830, -2.4750,
-4.7070

■ 0.0000, 0.0000,
0.0000

■ 199.2240, -3.9870,
-10.3470

■ 199.2240, -3.9870,
-10.3470

■ 191.4480, -7.9740,
-20.6940

■ 207.0000, 0.0000,
-0.0000

■ 183.7860,
-12.2820, -30.7300

■ 214.6620, 4.3080,
10.0360

■ 176.3090,
-15.6730, -40.8650

■ 222.1390, 7.6990,
20.1710

■ 168.5330,
-19.6600, -51.2120

■ 226.8240, 13.2000,
25.1040

■ 160.7570,
-23.6470, -61.5590

■ 153.0950,
-27.9550, -71.5950

■ 145.6180,
-31.3460, -81.7300

■ 137.8420,
-35.3330, -92.0770

■ 130.1800,
-39.6410, -102.1130

Harmonies

Analogous

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



200.8510, 7.4290, -7.9870



199.2240, -3.9870, -10.3470



198.0640, -15.2200, -10.5160

Triad

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



199.2240, -3.9870, -10.3470



200.5280, -18.9820, 2.6020



204.1660, 20.2640, 7.2080

Complementary

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



199.2240, -3.9870, -10.3470



193.7760, 3.9870, 10.3470

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.



204.3380, 14.0280, 10.0920



199.2240, -3.9870, -10.3470



202.5510, -8.6210, 7.5630

Square

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



199.2240, -3.9870, -10.3470



198.6150, -23.8410, -2.9530



203.8900, 3.6660, 10.6580



203.3030, 21.1360, 2.4160

Rectangle

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



199.2240, -3.9870, -10.3470



197.5950, -21.0890, -8.7770



203.8900, 3.6660, 10.6580



204.6220, 18.9800, 8.4520

Sweetspot

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



199.2240, -3.9870, -10.3470



251.9950, -1.6040, -3.9720



202.8450, 7.5660, -4.9620



125.8210, -1.0540, -2.9260



0.0000, 0.0000, 0.0000



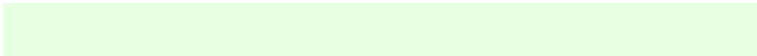
128.0000, -0.0000, -0.0000

Same Dimension

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



199.2240, -3.9870, -10.3470



243.6920, -5.5450, -15.1530



199.1250, -8.0220, -8.8060



101.0550, -1.8330, -5.3290



105.7920, -31.8960, -82.7760



25.8610, -7.6990, -20.1710

Inverse Universe

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



193.7760, 3.9870, 10.3470



235.6070, 6.1410, 15.3650



193.8750, 8.0220, 8.8060



97.9450, 1.8330, 5.3290



62.2080, 31.8960, 82.7760



15.1390, 7.6990, 20.1710

Previews

White Background



This preview shows how the YIQ color 199.2240, -3.9870, -10.3470 looks on a white background.

Color Contrast Check

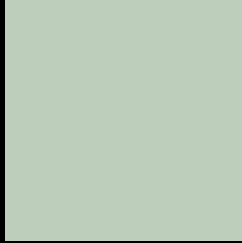
Large Text (above 18pt) WCAG AA × Fail

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 199.2240, -3.9870, -10.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

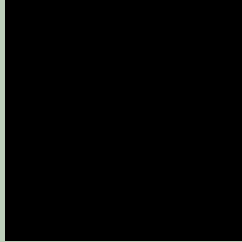
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

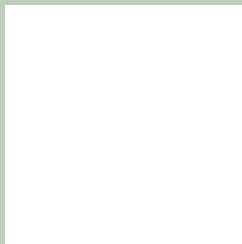
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 199.2240, -3.9870, -10.3470

Background



This preview shows how black text looks on a background with the YIQ color 199.2240, -3.9870, -10.3470.



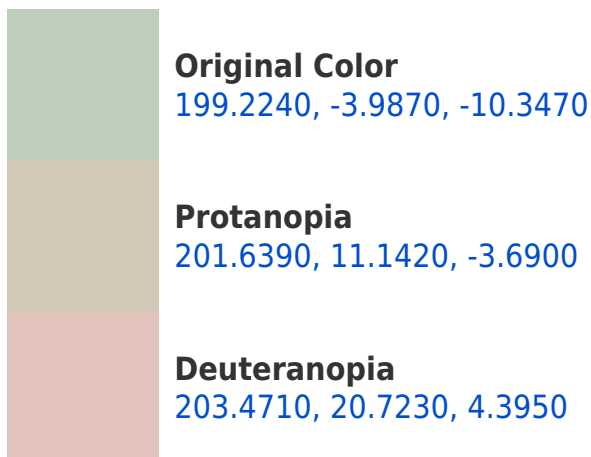
This preview shows how white text looks on a background with the YIQ color 199.2240, -3.9870, -10.3470.

-10.3470.

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





Tritanopia

201.4320, -9.9040, 3.2800

Trichromacy



Original Color

199.2240, -3.9870, -10.3470

Protanomaly

200.5350, 5.5030, -6.1210

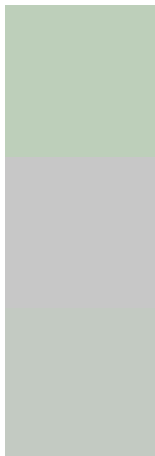
Deuteranomaly

201.8180, 12.1960, -0.7640

Tritanomaly

200.6400, -7.7940, -1.9220

Monochromacy



Original Color

199.2240, -3.9870, -10.3470

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.9950, -1.6040, -3.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.2240, -3.9870, -10.3470 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(189, 207, 186)` looks like.

```
.text, #text, p{  
    color:rgb(189, 207, 186)  
}
```

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(189, 207, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 207, 186) }
```

Border

The CSS property to change the border of an element to YIQ 199.2240, -3.9870, -10.3470 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(189, 207, 186) }
```


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

```
.border{ border-color:rgb(189, 207, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 207, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 207, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 207, 186);  
box-shadow:4px 4px 4px 4px rgb(189, 207,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 199.2240, -3.9870, -10.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 207, 186) }
```

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

```
.background{ background-color: rgb(189,  
207, 186) }
```

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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