

Converting Colors

YIQ(198.8830, -4.7650,
-18.2770)

Have a look what the booklet for
YIQ(198.8830, -4.7650, -18.2770)
contains.

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Color

**YIQ(198.8830, -4.7650,
-18.2770)**

Conversions

Conversions Part 1

Format	Color
Hex	B7D4AD
RGB	183, 212, 173
RGB Percent	72%, 83%, 68%
CMY	0.2824, 0.1686, 0.3216
CMYK	0.14, 0.00, 0.18, 0.17
HSL	105°, 31%, 75%
HSV	105°, 18%, 83%
XYZ	50.6124, 60.1746, 48.4839
YIQ	198.8830, -4.7650, -18.2770

Conversions

Conversions Part 2

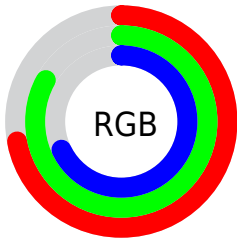
Format	Color
RYB	173, 212, 202
Decimal	12047533
CIELab	81.93, -16.86, 16.13
CIELCh	82, 23.327, 136.270
Yxy	60.1746, 0.3178, 0.3778
Android (android.graphics.Color)	4290237613 (0xFFB7D4AD)
YUV	198.8830, -12.7603, -13.9294
Hunter-Lab	77.5723, -19.2884, 17.2434

Details

The YIQ color $198.8830, -4.7650, -18.2770$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $186.1170, 4.7650, 18.2770$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $247.2520, -1.1900, -11.4780$, and $144.8230, -4.5360, -16.9200$ is the 20% darker color. If you saturate the color by 10%, you get $191.7050, -7.5600, -28.2000$, and if you desaturate by 10%, it is $206.0610, -1.9700, -8.3540$.

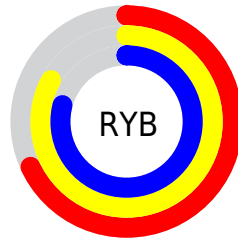
Distribution



Red (72%)

Green (83%)

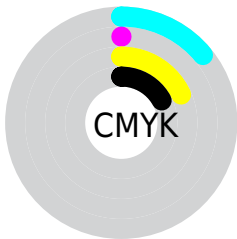
Blue (68%)



Red (68%)

Yellow (83%)

Blue (79%)

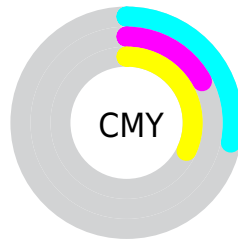


Cyan (14%)

Magenta (0%)

Yellow (18%)

Black (17%)



Cyan (28%)

Magenta (17%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.8830, -4.7650, -18.2770 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 198.8830, -4.7650, -18.2770 by changing the saturation by 10% instead.

■ 198.8830, -4.7650,
-18.2770

■ 198.8830, -4.7650,
-18.2770

255.0000, -0.0000,
-0.0000

■ 171.2960, -4.4900,
-17.7540

■ 247.2520, -1.1900,
-11.4780

■ 144.8230, -4.5360,
-16.9200

■ 118.9370, -4.8570,
-16.6090

■ 94.3500, -4.5820,
-16.0860

■ 70.4640, -4.9030,
-15.7750

■ 47.9910, -4.9490,
-14.9410

■ 26.2470, -2.7940,

-15.4500

■ 7.6310, -3.5750,
-6.7990

■ 0.0000, 0.0000,
0.0000

■ 198.8830, -4.7650,
-18.2770

■ 198.8830, -4.7650,
-18.2770

■ 191.7050, -7.5600,
-28.2000

■ 206.0610, -1.9700,
-8.3540

■ 184.5270,
-10.3550, -38.1230

■ 213.2390, 0.8250,
1.5690

■ 177.5340,
-12.2330, -48.1450

■ 220.2320, 2.7030,
11.5910

■ 170.3560,
-15.0280, -58.0680

■ 227.0680, 6.4610,
20.5810

■ 163.1780,
-17.8230, -67.9910

■ 229.7590, 11.8250,
22.4890

■ 156.0000,
-20.6180, -77.9140

■ 149.1210,
-22.8170, -87.6250

■ 141.8290,
-25.2910, -97.8590

■ 140.5900,
-26.1160, -99.4280

Harmonies

Analogous

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



201.5820, 15.3160, -13.2600



198.8830, -4.7650, -18.2770



196.6340, -25.9930, -19.0250

Triad

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



198.8830, -4.7650, -18.2770



200.3610, -37.5050, 2.3910



206.6950, 35.0720, 14.1760

Complementary

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



198.8830, -4.7650, -18.2770



186.1170, 4.7650, 18.2770

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.



207.5120, 22.6460, 19.1100



198.8830, -4.7650, -18.2770



204.5100, -18.5710, 11.6770

Square

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



198.8830, -4.7650, -18.2770



196.0620, -47.2690, -7.8850



206.9320, 3.8480, 18.3760



205.6810, 37.6870, 5.3270

Rectangle

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



198.8830, -4.7650, -18.2770



194.7560, -37.9600, -16.9040



206.9320, 3.8480, 18.3760



207.3080, 31.9080, 16.4520

Sweetspot

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



198.8830, -4.7650, -18.2770



250.0010, -1.7410, -6.9970



201.6840, 15.2690, -6.8990



124.8810, -1.2830, -4.2830



0.0000, 0.0000, 0.0000



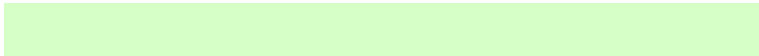
128.0000, -0.0000, -0.0000

Same Dimension

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



198.8830, -4.7650, -18.2770



236.0580, -7.0560, -26.3200



196.9190, -13.6140, -17.5980



103.3540, -1.2370, -5.1170



113.5330, -20.8010, -80.1050



28.5300, -5.2690, -20.1570

Inverse Universe

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



186.1170, 4.7650, 18.2770



217.9420, 7.0560, 26.3200



188.0810, 13.6140, 17.5980



99.6460, 1.2370, 5.1170



57.4670, 20.8010, 80.1050



14.4700, 5.2690, 20.1570

Previews

White Background



This preview shows how the YIQ color 198.8830, -4.7650, -18.2770 looks on a white background.

Color Contrast Check

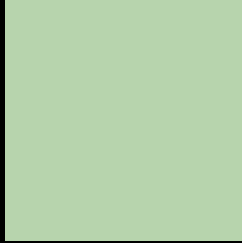
Large Text (above 18pt) WCAG AA × Fail

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 198.8830, -4.7650, -18.2770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

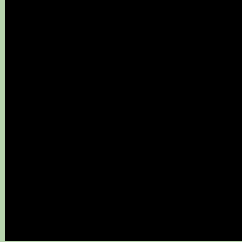
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

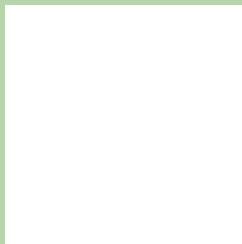
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 198.8830, -4.7650, -18.2770

Background



This preview shows how black text looks on a background with the YIQ color 198.8830, -4.7650, -18.2770.



This preview shows how white text looks on a background with the YIQ color 198.8830, -4.7650,

-18.2770.

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

198.8830, -4.7650, -18.2770

Protanopia

202.7120, 18.0660, -8.0300

Deuteranopia

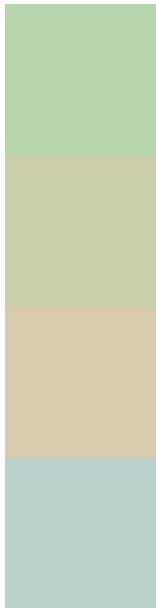
204.7830, 28.4720, 1.6240



Tritanopia

202.7520, -13.8010, 2.3190

Trichromacy



Original Color

198.8830, -4.7650, -18.2770

Protanomaly

200.9990, 9.7680, -11.8320

Deuteranomaly

202.8090, 16.4150, -5.6410

Tritanomaly

201.5640, -10.6360, -5.4840

Monochromacy



Original Color

198.8830, -4.7650, -18.2770

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.1150, -2.0620, -6.6860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.8830, -4.7650, -18.2770 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(183, 212, 173)` looks like.

```
.text, #text, p{  
    color:rgb(183, 212, 173)  
}
```

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(183, 212, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 212, 173) }
```

Border

The CSS property to change the border of an element to YIQ 198.8830, -4.7650, -18.2770 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(183, 212, 173) }
```


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

```
.border{ border-color:rgb(183, 212, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 212, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 212, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 212, 173);  
box-shadow:4px 4px 4px 4px rgb(183, 212,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 198.8830, -4.7650, -18.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 212, 173) }
```

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

```
.background{ background-color: rgb(183,  
212, 173) }
```

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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