

# Converting Colors

YIQ(197.7430, -1.5550,  
-21.3870)

Have a look what the booklet for  
YIQ(197.7430, -1.5550, -21.3870)  
contains.

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# Color

**YIQ(197.7430, -1.5550,  
-21.3870)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7D4A3
RGB	183, 212, 163
RGB Percent	72%, 83%, 64%
CMY	0.2824, 0.1686, 0.3607
CMYK	0.14, 0.00, 0.23, 0.17
HSL	96°, 36%, 74%
HSV	96°, 23%, 83%
XYZ	49.6805, 59.8018, 43.5786
YIQ	197.7430, -1.5550, -21.3870

# Conversions

## Conversions Part 2

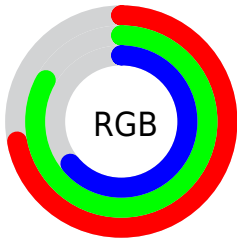
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 212, 192
Decimal	12047523
CIELab	81.73, -18.49, 21.11
CIELCh	82, 28.060, 131.207
Yxy	59.8018, 0.3246, 0.3907
Android (android.graphics.Color)	4290237603 (0xFFB7D4A3)
YUV	197.7430, -17.1283, -12.9296
Hunter-Lab	77.3316, -20.6558, 20.7205

# Details

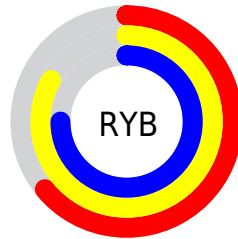
The YIQ color  $197.7430, -1.5550, -21.3870$  is a light color, and the websafe version is hex  $99CC99$ . A complement of this color would be  $177.2570, 1.5550, 21.3870$ , and the grayscale version is  $198.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $245.9980, 2.3410, -14.8990$ , and  $143.6830, -1.3260, -20.0300$  is the 20% darker color. If you saturate the color by 10%, you get  $191.4620, -2.5620, -30.6740$ , and if you desaturate by 10%, it is  $204.0240, -0.5480, -12.1000$ .

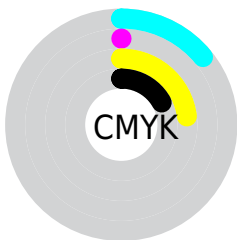
# Distribution



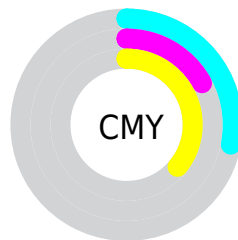
- Red (72%)
- Green (83%)
- Blue (64%)



- Red (64%)
- Yellow (83%)
- Blue (75%)



- Cyan (14%)
- Magenta (0%)
- Yellow (23%)
- Black (17%)



- Cyan (28%)
- Magenta (17%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 197.7430, -1.5550, -21.3870 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 197.7430, -1.5550, -21.3870 by changing the saturation by 10% instead.




 197.7430, -1.5550,  
-21.3870


 197.7430, -1.5550,  
-21.3870


255.0000, -0.0000,  
-0.0000


 170.2700, -1.6010,  
-20.5530


 245.9980, 2.3410,  
-14.8990


 143.6830, -1.3260,  
-20.0300

 254.0880, 2.5680,  
-2.4880

 117.7970, -1.6470,  
-19.7190

 93.0250, -2.2890,  
-19.0970

 69.4380, -2.0140,  
-18.5740

 46.0790, -2.3810,  
-17.4290

 25.3180, -1.5560,

-15.8600

■ 7.0440, -3.3000,  
-6.2760

■ 0.0000, 0.0000,  
0.0000

■ 197.7430, -1.5550,  
-21.3870

■ 197.7430, -1.5550,  
-21.3870

■ 191.4620, -2.5620,  
-30.6740

■ 204.0240, -0.5480,  
-12.1000

■ 185.4800, -2.9730,  
-39.7490

■ 210.0060, -0.1370,  
-3.0250

■ 179.0850, -3.6590,  
-49.3470

■ 216.4010, 0.5490,  
6.5730

■ 173.1030, -4.0700,  
-58.4220

■ 222.3830, 0.9600,  
15.6480

■ 166.8220, -5.0770,  
-67.7090

■ 227.0680, 6.4610,  
20.5810

■ 160.8400, -5.4880,  
-76.7840

■ 229.7590, 11.8250,  
22.4890

■ 154.5590, -6.4950,  
-86.0710

■ 150.1580, -7.0440,  
-92.6440

# Harmonies

## Analogous

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



201.2360, 22.1020, -15.0980



197.7430, -1.5550, -21.3870



194.2160, -27.8720, -23.5200

# Triad

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



197.7430, -1.5550, -21.3870



196.8480, -49.2420, 0.3420



206.3690, 39.1060, 18.1620

# Complementary

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



197.7430, -1.5550, -21.3870



177.2570, 1.5550, 21.3870

# 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.



207.6310, 23.9290, 23.3930



197.7430, -1.5550, -21.3870



202.8450, -26.8240, 12.5680

# Square

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



197.7430, -1.5550, -21.3870



192.0820, -59.1890, -12.1250



206.7730, 0.0420, 21.2740



205.3830, 44.5180, 8.1820



# Rectangle

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



197.7430, -1.5550, -21.3870



192.0710, -43.4610, -21.8370



206.7730, 0.0420, 21.2740



207.0960, 35.6210, 20.7490

# Sweetspot

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



197.7430, -1.5550, -21.3870



249.6590, -0.7780, -7.9300



194.6740, 21.2290, -4.7790



124.6530, -0.6410, -4.9050



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

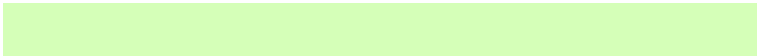


# Same Dimension

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



197.7430, -1.5550, -21.3870



234.3480, -2.2410, -30.9850



192.2190, -14.7590, -24.3830



103.9520, -0.0450, -4.6930



121.3070, -5.3050, -74.5930



30.6230, -1.0970, -18.6730



# Inverse Universe

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



177.2570, 1.5550, 21.3870



204.6520, 2.2410, 30.9850



182.7810, 14.7590, 24.3830



99.3470, 0.6410, 4.9050



49.6930, 5.3050, 74.5930

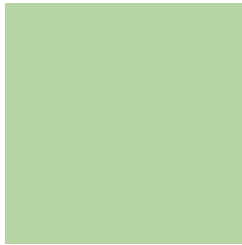


12.6760, 1.6930, 18.8850



# Previews

## White Background



This preview shows how the YIQ color 197.7430, -1.5550, -21.3870 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

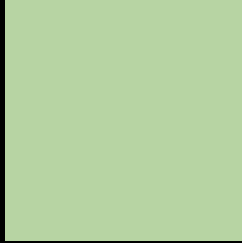
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 197.7430, -1.5550, -21.3870 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 197.7430, -1.5550, -21.3870

## Background



This preview shows how black text looks on a background with the YIQ color 197.7430, -1.5550, -21.3870.



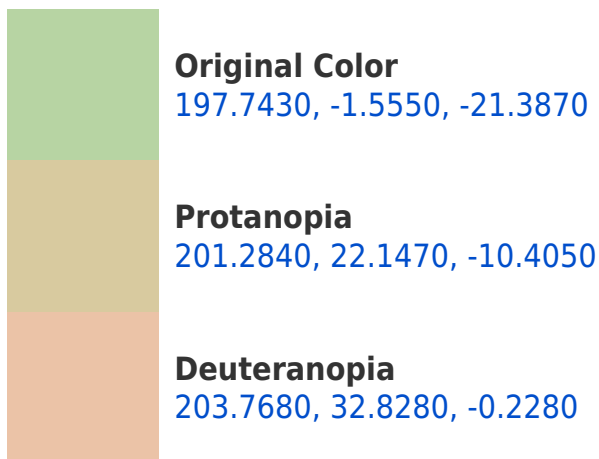
This preview shows how white text looks on a background with the YIQ color 197.7430, -1.5550, -21.3870.

-21.3870.

# 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

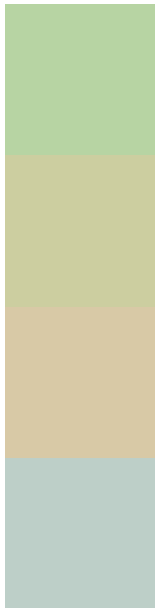




## Tritanopia

202.3500, -12.6090, 2.7430

# Trichromacy



## Original Color

197.7430, -1.5550, -21.3870

## Protanomaly

200.1580, 13.5740, -14.7300

## Deuteranomaly

201.4950, 20.1750, -7.7050

## Tritanomaly

200.8200, -8.4810, -5.9930

# Monochromacy



## Original Color

197.7430, -1.5550, -21.3870

## Achromatopsia

198.0000, -0.0000, 0.0000

## Achromatomaly

197.9580, -0.1820, -7.7180

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 197.7430, -1.5550, -21.3870 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(183, 212, 163)  
}
```

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, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 212, 163) }
```

## Border

The CSS property to change the border of an element to YIQ 197.7430, -1.5550, -21.3870 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, 163) }
```



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

```
.border{ border-color:rgb(183, 212, 163) }
```

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, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 212, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 212, 163);  
box-shadow:4px 4px 4px 4px rgb(183, 212,  
163) }
```

# Background

The CSS property to change the background color of an element to YIQ 197.7430, -1.5550, -21.3870 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, 163) }
```

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

```
.background{ background-color: rgb(183,  
212, 163) }
```

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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