

Converting Colors

YIQ(198.3410, -0.3630,
-20.9630)

Have a look what the booklet for
YIQ(198.3410, -0.3630, -20.9630)
contains.

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Color

**YIQ(198.3410, -0.3630,
-20.9630)**

Conversions

Conversions Part 1

Format	Color
Hex	B9D4A3
RGB	185, 212, 163
RGB Percent	73%, 83%, 64%
CMY	0.2746, 0.1686, 0.3607
CMYK	0.13, 0.00, 0.23, 0.17
HSL	93°, 36%, 74%
HSV	93°, 23%, 83%
XYZ	50.1597, 60.0485, 43.6015
YIQ	198.3410, -0.3630, -20.9630

Conversions

Conversions Part 2

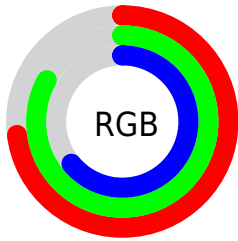
Format	Color
RYB	163, 212, 190
Decimal	12178595
CIELab	81.86, -17.77, 21.32
CIElCh	82, 27.754, 129.821
Yxy	60.0485, 0.3261, 0.3904
Android (android.graphics.Color)	4290368675 (0xFFB9D4A3)
YUV	198.3410, -17.4231, -11.7001
Hunter-Lab	77.4910, -20.0666, 20.8832

Details

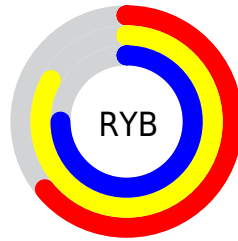
The YIQ color $198.3410, -0.3630, -20.9630$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $176.6590, 0.3630, 20.9630$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $246.5960, 3.5330, -14.4750$, and $143.9820, -0.7300, -19.8180$ is the 20% darker color. If you saturate the color by 10%, you get $192.3590, -0.7740, -30.0380$, and if you desaturate by 10%, it is $204.3230, 0.0480, -11.8880$.

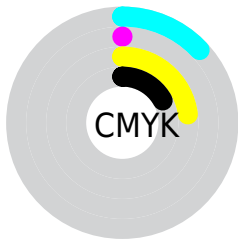
Distribution



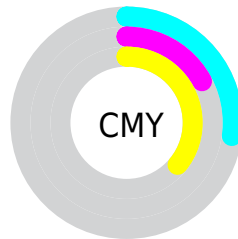
- Red (73%)
- Green (83%)
- Blue (64%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (23%)
- Black (17%)





- Cyan (27%)
- Magenta (17%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.3410, -0.3630, -20.9630 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 198.3410, -0.3630, -20.9630 by changing the saturation by 10% instead.


 198.3410, -0.3630,
-20.9630


 198.3410, -0.3630,
-20.9630

255.0000, -0.0000,
-0.0000


 170.8680, -0.4090,
-20.1290


 246.5960, 3.5330,
-14.4750


 143.9820, -0.7300,
-19.8180

 254.0880, 2.5680,
-2.4880

 118.3950, -0.4550,
-19.2950

 93.6230, -1.0970,
-18.6730

 69.7370, -1.4180,
-18.3620

 47.2640, -1.4640,
-17.5280

 26.5030, -0.6390,

-15.9590

■ 7.6310, -3.5750,
-6.7990

■ 0.0000, 0.0000,
0.0000

■ 198.3410, -0.3630,
-20.9630

■ 198.3410, -0.3630,
-20.9630

■ 192.3590, -0.7740,
-30.0380

■ 204.3230, 0.0480,
-11.8880

■ 186.6760, -0.5890,
-38.9010

■ 210.0060, -0.1370,
-3.0250

■ 180.5800, -0.6790,
-48.2870

■ 216.1020, -0.0470,
6.3610

■ 174.5980, -1.0900,
-57.3620

■ 222.0840, 0.3640,
15.4360

■ 168.6160, -1.5010,
-66.4370

■ 226.1710, 4.6730,
19.9450

■ 162.9330, -1.3160,
-75.3000

■ 229.7590, 11.8250,
22.4890

■ 156.9510, -1.7270,
-84.3750

■ 152.8490, -1.6800,
-90.7360

Harmonies

Analogous

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



201.6490, 22.3770, -14.5750



198.3410, -0.3630, -20.9630



195.1130, -26.0840, -22.8840

Triad

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



198.3410, -0.3630, -20.9630



197.1360, -50.1130, -0.3930



207.1840, 38.1890, 18.2610

Complementary

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



198.3410, -0.3630, -20.9630



176.6590, 0.3630, 20.9630

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.



208.0330, 22.7370, 22.9690



198.3410, -0.3630, -20.9630



203.1330, -27.6950, 11.8330

Square

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



198.3410, -0.3630, -20.9630



192.2670, -58.2720, -12.2240



206.8760, -1.7460, 20.6380



205.7960, 44.7930, 8.7050

Rectangle

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



198.3410, -0.3630, -20.9630



192.5550, -41.9480, -21.7240



206.8760, -1.7460, 20.6380



207.9110, 34.7040, 20.8480

Sweetspot

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



198.3410, -0.3630, -20.9630



249.9580, -0.1820, -7.7180



193.5000, 21.7790, -3.7330



124.9520, -0.0450, -4.6930



0.0000, 0.0000, 0.0000



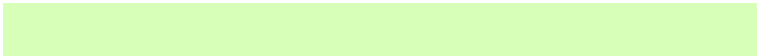
128.0000, -0.0000, -0.0000

Same Dimension

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



198.3410, -0.3630, -20.9630



235.2450, -0.4530, -30.3490



191.9910, -14.1170, -25.0050



103.9520, -0.0450, -4.6930



123.4000, -1.1330, -73.1090



30.9220, -0.5010, -18.4610

Inverse Universe

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



176.6590, 0.3630, 20.9630



203.7550, 0.4530, 30.3490



183.0090, 14.1170, 25.0050



99.0480, 0.0450, 4.6930



47.6000, 1.1330, 73.1090



12.0780, 0.5010, 18.4610

Previews

White Background



This preview shows how the YIQ color 198.3410, -0.3630, -20.9630 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 198.3410, -0.3630, -20.9630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

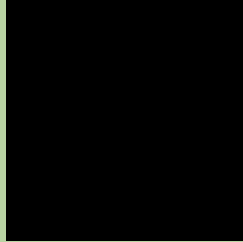
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.3410, -0.3630, -20.9630

Background



This preview shows how black text looks on a background with the YIQ color 198.3410, -0.3630, -20.9630.



This preview shows how white text looks on a background with the YIQ color 198.3410, -0.3630, -20.9630.

-20.9630.

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

198.3410, -0.3630, -20.9630

Protanopia

201.8710, 21.8720, -10.9280

Deuteranopia

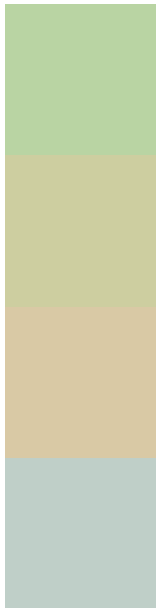
203.6540, 33.1490, -0.5390



Tritanopia

202.9480, -11.4170, 3.1670

Trichromacy



Original Color

198.3410, -0.3630, -20.9630

Protanomaly

200.4570, 14.1700, -14.5180

Deuteranomaly

201.6800, 21.0920, -7.8040

Tritanomaly

201.4180, -7.2890, -5.5690

Monochromacy



Original Color

198.3410, -0.3630, -20.9630

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 198.3410, -0.3630, -20.9630 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(185, 212, 163)` looks like.

```
.text, #text, p{  
    color:rgb(185, 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(185, 212, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 212, 163) }
```

Border

The CSS property to change the border of an element to YIQ 198.3410, -0.3630, -20.9630 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(185, 212, 163) }
```


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

```
.border{ border-color:rgb(185, 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(185, 212, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 212, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 212, 163);  
box-shadow:4px 4px 4px 4px rgb(185, 212,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 198.3410, -0.3630, -20.9630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 212, 163) }
```

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

```
.background{ background-color: rgb(185,  
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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