

Converting Colors

YIQ(196.4850, -9.3960,
-16.9480)

Have a look what the booklet for
YIQ(196.4850, -9.3960, -16.9480)
contains.

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Color

**YIQ(196.4850, -9.3960,
-16.9480)**

Conversions

Conversions Part 1

Format	Color
Hex	B1D2B2
RGB	177, 210, 178
RGB Percent	69%, 82%, 70%
CMY	0.3060, 0.1764, 0.3020
CMYK	0.16, 0.00, 0.15, 0.18
HSL	122°, 27%, 76%
HSV	122°, 16%, 82%
XYZ	49.2113, 58.6584, 50.8463
YIQ	196.4850, -9.3960, -16.9480

Conversions

Conversions Part 2

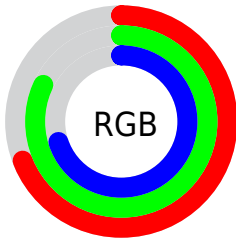
Format	Color
RYB	177, 209, 210
Decimal	11653810
CIELab	81.10, -17.06, 12.25
CIElCh	81, 21.001, 144.304
Yxy	58.6584, 0.3101, 0.3696
Android (android.graphics.Color)	4289843890 (0xFFB1D2B2)
YUV	196.4850, -9.1131, -17.0883
Hunter-Lab	76.5888, -19.3370, 14.2503

Details

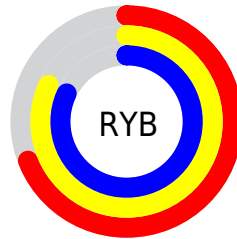
The YIQ color **196.4850, -9.3960, -16.9480** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **190.5150, 9.3960, 16.9480**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **246.0280, -6.3710, -11.1950**, and **142.3110, -8.8460, -15.9020** is the 20% darker color. If you saturate the color by 10%, you get **187.9260, -15.4920, -27.6200**, and if you desaturate by 10%, it is **205.0440, -3.3000, -6.2760**.

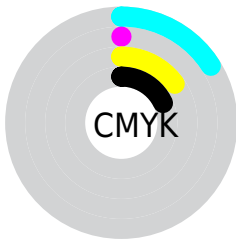
Distribution



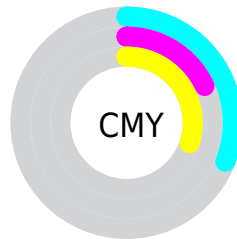
- Red (69%)
- Green (82%)
- Blue (70%)



- Red (69%)
- Yellow (82%)
- Blue (82%)



- Cyan (16%)
- Magenta (0%)
- Yellow (15%)
- Black (18%)





- Cyan (31%)
- Magenta (18%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.4850, -9.3960, -16.9480 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 196.4850, -9.3960, -16.9480 by changing the saturation by 10% instead.


 196.4850, -9.3960,
-16.9480

 196.4850, -9.3960,
-16.9480


255.0000, -0.0000,
-0.0000


 168.8980, -9.1210,
-16.4250


 246.0280, -6.3710,
-11.1950

 142.3110, -8.8460,
-15.9020

 116.7240, -8.5710,
-15.3790

 91.8380, -8.8920,
-15.0680

 68.2510, -8.6170,
-14.5450

 45.7780, -8.6630,
-13.7110

 24.0770, -8.0670,

-13.4990

■ 4.6960, -2.2000,
-4.1840

■ 0.0000, 0.0000,
0.0000

■ 196.4850, -9.3960,
-16.9480

■ 196.4850, -9.3960,
-16.9480

■ 187.9260,
-15.4920, -27.6200

■ 205.0440, -3.3000,
-6.2760

■ 179.2530,
-21.2670, -38.6030

■ 213.7170, 2.4750,
4.7070

■ 170.6940,
-27.3630, -49.2750

■ 222.2760, 8.5710,
15.3790

■ 162.1350,
-33.4590, -59.9470

■ 228.5850, 12.3750,
23.5350

■ 153.4620,
-39.2340, -70.9300

■ 144.9030,
-45.3300, -81.6020

■ 136.3440,
-51.4260, -92.2740

■ 127.6710,
-57.2010, -103.2570

■ 123.9540,
-59.6760, -107.9640

Harmonies

Analogous

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



198.6460, 9.2640, -13.7120



196.4850, -9.3960, -16.9480



194.7310, -27.6440, -16.6360

Triad

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



196.4850, -9.3960, -16.9480



199.1340, -29.4360, 4.8360



204.2170, 33.4220, 11.0380

Complementary

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



196.4850, -9.3960, -16.9480



190.5150, 9.3960, 16.9480

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.



205.0020, 24.0220, 16.1980



196.4850, -9.3960, -16.9480



203.0440, -11.3270, 12.5530

Square

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



196.4850, -9.3960, -16.9480



195.8780, -40.7590, -4.7190



205.0310, 7.8830, 16.8350



203.2350, 33.0110, 1.9630

Rectangle

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



196.4850, -9.3960, -16.9480



193.8210, -36.5850, -14.2890



205.0310, 7.8830, 16.8350



204.7160, 30.5790, 13.0030

Sweetspot

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



196.4850, -9.3960, -16.9480



249.7450, -3.8960, -6.4880



205.9390, 9.9970, -10.4750



124.6960, -2.2000, -4.1840



0.0000, 0.0000, 0.0000



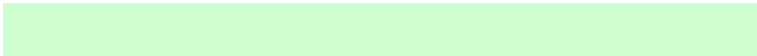
128.0000, -0.0000, -0.0000

Same Dimension

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



196.4850, -9.3960, -16.9480



235.2900, -13.5210, -24.7930



198.3090, -14.5320, -11.9720



100.4570, -3.0250, -5.7530



99.1860, -47.8050, -86.3090



24.1810, -11.5960, -21.1320

Inverse Universe

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



190.5150, 9.3960, 16.9480



226.7100, 13.5210, 24.7930



188.6910, 14.5320, 11.9720



98.4290, 3.3460, 5.4420



68.8140, 47.8050, 86.3090



16.8190, 11.5960, 21.1320

Previews

White Background



This preview shows how the YIQ color 196.4850, -9.3960, -16.9480 looks on a white background.

Color Contrast Check

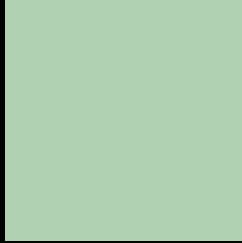
Large Text (above 18pt) WCAG AA × Fail

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 196.4850, -9.3960, -16.9480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

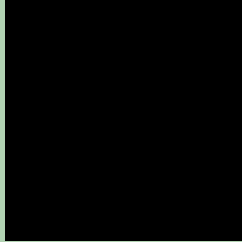
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

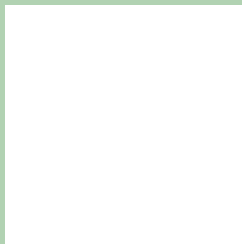
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 196.4850, -9.3960, -16.9480

Background



This preview shows how black text looks on a background with the YIQ color 196.4850, -9.3960, -16.9480.



This preview shows how white text looks on a background with the YIQ color 196.4850, -9.3960,

-16.9480.

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

196.4850, -9.3960, -16.9480

Protanopia

200.2110, 15.2230, -6.0650

Deuteranopia

202.6840, 24.4370, 3.1650



Tritanopia

199.8440, -17.0560, 0.7360

Trichromacy



Original Color

196.4850, -9.3960, -16.9480

Protanomaly

199.1990, 6.3290, -10.0790

Deuteranomaly

200.4110, 11.7840, -4.3120

Tritanomaly

198.4110, -14.5790, -5.6110

Monochromacy



Original Color

196.4850, -9.3960, -16.9480

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

196.0440, -3.3000, -6.2760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.4850, -9.3960, -16.9480 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(177, 210, 178)` looks like.

```
.text, #text, p{  
    color:rgb(177, 210, 178)  
}
```

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(177, 210, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 210, 178) }
```

Border

The CSS property to change the border of an element to YIQ 196.4850, -9.3960, -16.9480 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(177, 210, 178) }
```


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

```
.border{ border-color:rgb(177, 210, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 210, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 210, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 210, 178);  
box-shadow:4px 4px 4px 4px rgb(177, 210,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 196.4850, -9.3960, -16.9480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 210, 178) }
```

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

```
.background{ background-color: rgb(177,  
210, 178) }
```

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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