

Converting Colors

YIQ(196.0170, 18.5250,
-10.8430)

Have a look what the booklet for
YIQ(196.0170, 18.5250, -10.8430)
contains.

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Color

**YIQ(196.0170, 18.5250,
-10.8430)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC69D
RGB	207, 198, 157
RGB Percent	81%, 78%, 62%
CMY	0.1882, 0.2235, 0.3842
CMYK	0.00, 0.04, 0.24, 0.19
HSL	49°, 34%, 71%
HSV	49°, 24%, 81%
XYZ	52.0131, 56.0869, 39.9948
YIQ	196.0170, 18.5250, -10.8430

Conversions

Conversions Part 2

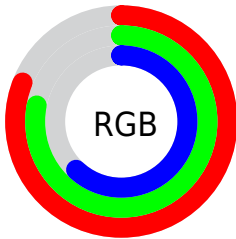
Format	Color
RYB	168, 207, 157
Decimal	13616797
CIELab	79.66, -3.37, 21.70
CIELCh	80, 21.963, 98.822
Yxy	56.0869, 0.3512, 0.3787
Android (android.graphics.Color)	4291806877 (0xFFCFC69D)
YUV	196.0170, -19.2354, 9.6321
Hunter-Lab	74.8912, -7.0884, 20.7607

Details

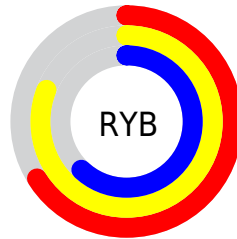
The YIQ color **196.0170, 18.5250, -10.8430** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **167.9830, -18.5250, 10.8430**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **250.0980, 13.8030, -13.3730**, and **141.9460, 17.2870, -10.4330** is the 20% darker color. If you saturate the color by 10%, you get **191.2750, 26.3660, -15.2820**, and if you desaturate by 10%, it is **200.7590, 10.6840, -6.4040**.

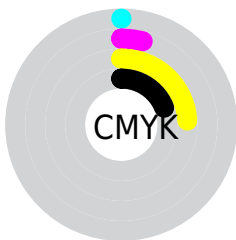
Distribution



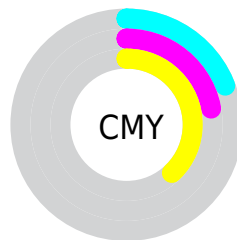
- Red (81%)
- Green (78%)
- Blue (62%)



- Red (66%)
- Yellow (81%)
- Blue (62%)



- Cyan (0%)
- Magenta (4%)
- Yellow (24%)
- Black (19%)



- Cyan (19%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.0170, 18.5250, -10.8430 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 196.0170, 18.5250, -10.8430 by changing the saturation by 10% instead.

■ 196.0170, 18.5250,
-10.8430

■ 196.0170, 18.5250,
-10.8430

255.0000, -0.0000,
-0.0000

■ 168.8320, 17.6080,
-10.7440

■ 250.0980, 13.8030,
-13.3730

■ 141.9460, 17.2870,
-10.4330

■ 253.2900, 4.8150,
-4.6650

■ 116.7610, 16.3700,
-10.3340

■ 91.6900, 15.1320,
-9.9240

■ 68.5050, 14.2150,
-9.8250

■ 45.3200, 13.2980,
-9.7260

■ 25.1180, 11.0510,

-7.5490

■ 0.0000, 0.0000,
0.0000

■ 196.0170, 18.5250,
-10.8430

■ 196.0170, 18.5250,
-10.8430

■ 191.2750, 26.3660,
-15.2820

■ 200.7590, 10.6840,
-6.4040

■ 187.2340, 33.6110,
-19.9330

■ 204.8000, 3.4390,
-1.7530

■ 182.4920, 41.4520,
-24.3720

■ 209.5420, -4.4020,
2.6860

■ 177.7500, 49.2930,
-28.8110

■ 214.2840,
-12.2430, 7.1250

■ 173.1220, 56.8130,
-32.9390

■ 218.3420,
-18.1580, 9.6980

■ 168.9670, 64.3790,
-37.9010

■ 220.1030,
-18.9830, 8.1290

■ 164.2250, 72.2200,
-42.3400

■ 222.4510,
-20.0830, 6.0370

■ 161.6830, 76.6220,
-45.0260

■ 224.7990,
-21.1830, 3.9450

■ 227.1470,
-22.2830, 1.8530

Harmonies

Analogous

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



197.9310, 30.8110, -2.2210



196.0170, 18.5250, -10.8430



193.5740, 0.5990, -16.3690

Triad

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



196.0170, 18.5250, -10.8430



189.8620, -43.8300, -9.6380



201.3480, 17.2360, 18.0360

Complementary

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



196.0170, 18.5250, -10.8430



167.9830, -18.5250, 10.8430

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.



200.1270, -1.1950, 16.1570



196.0170, 18.5250, -10.8430



193.4810, -37.9630, -0.3230

Square

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



196.0170, 18.5250, -10.8430



189.1800, -36.2180, -15.4340



197.1890, -22.1010, 9.5710



200.7700, 30.4870, 14.6710

Rectangle

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



196.0170, 18.5250, -10.8430



191.8050, -13.2930, -17.9090



197.1890, -22.1010, 9.5710



200.8250, 11.4590, 18.1070

Sweetspot

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



196.0170, 18.5250, -10.8430



251.1870, 6.6030, -4.0290



172.9760, 26.9110, 13.3990



125.5720, 4.0810, -2.3750



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.



196.0170, 18.5250, -10.8430



238.9330, 27.3290, -16.2150



196.5160, 6.5140, -18.9420



102.5720, 4.0810, -2.3750



131.2380, 62.1780, -36.5580



31.6300, 15.3610, -8.5670

Inverse Universe

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



167.9830, -18.5250, 10.8430



197.0670, -27.3290, 16.2150



167.4840, -6.5140, 18.9420



96.4280, -4.0810, 2.3750



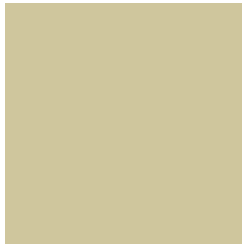
36.7620, -62.1780, 36.5580



8.7830, -15.0860, 9.0900

Previews

White Background



This preview shows how the YIQ color 196.0170, 18.5250, -10.8430 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 196.0170, 18.5250, -10.8430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

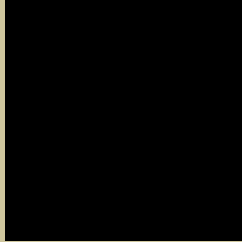
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

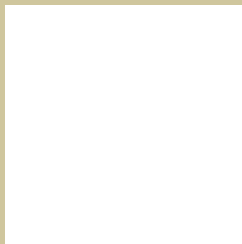
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 196.0170, 18.5250, -10.8430

Background



This preview shows how black text looks on a background with the YIQ color 196.0170, 18.5250, -10.8430.



This preview shows how white text looks on a background with the YIQ color 196.0170, 18.5250,

-10.8430.

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

196.0170, 18.5250, -10.8430

Protanopia

196.3270, 20.5880, -9.6840

Deuteranopia

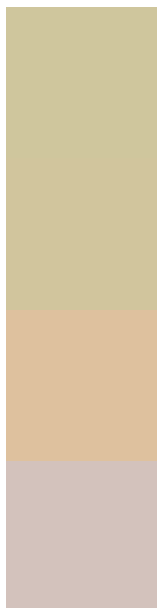
198.4260, 33.7910, -1.1610



Tritanopia

199.2880, 8.2970, 9.3290

Trichromacy



Original Color

196.0170, 18.5250, -10.8430

Protanomaly

196.0280, 19.9920, -9.8960

Deuteranomaly

197.6810, 28.5190, -4.7370

Tritanomaly

198.3990, 12.0580, 1.7380

Monochromacy



Original Color

196.0170, 18.5250, -10.8430

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

196.1870, 6.6030, -4.0290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.0170, 18.5250, -10.8430 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(207, 198, 157)` looks like.

```
.text, #text, p{  
    color:rgb(207, 198, 157)  
}
```

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(207, 198, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 198, 157) }
```

Border

The CSS property to change the border of an element to YIQ 196.0170, 18.5250, -10.8430 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(207, 198, 157) }
```


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

```
.border{ border-color:rgb(207, 198, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 198, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 198, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 198, 157);  
box-shadow:4px 4px 4px 4px rgb(207, 198,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 196.0170, 18.5250, -10.8430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 198, 157) }
```

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

```
.background{ background-color: rgb(207,  
198, 157) }
```

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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