

Converting Colors

YIQ(180.3550, 23.3850,
-10.8150)

Have a look what the booklet for
YIQ(180.3550, 23.3850, -10.8150)
contains.

YIQ(180.3550, 23.3850, -10.8150)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(180.3550, 23.3850,
-10.8150)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B588
RGB	196, 181, 136
RGB Percent	77%, 71%, 53%
CMY	0.2314, 0.2902, 0.4665
CMYK	0.00, 0.08, 0.31, 0.23
HSL	45°, 34%, 65%
HSV	45°, 31%, 77%
XYZ	43.7343, 46.5597, 29.9866
YIQ	180.3550, 23.3850, -10.8150

Conversions

Conversions Part 2

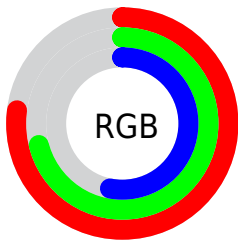
Format	Color
RYB	156, 196, 136
Decimal	12891528
CIELab	73.91, -1.52, 24.89
CIELCh	74, 24.937, 93.499
Yxy	46.5597, 0.3636, 0.3871
Android (android.graphics.Color)	4291081608 (0xFFC4B588)
YUV	180.3550, -21.8670, 13.7207
Hunter-Lab	68.2346, -5.0029, 21.7085

Details

The YIQ color $180.3550, 23.3850, -10.8150$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $151.6450, -23.3850, 10.8150$, and the grayscale version is $181.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $236.4260, 24.6230, -11.2250$, and $127.0990, 21.2300, -10.3060$ is the 20% darker color. If you saturate the color by 10%, you get $175.1400, 31.1800, -14.4200$, and if you desaturate by 10%, it is $185.5700, 15.5900, -7.2100$.

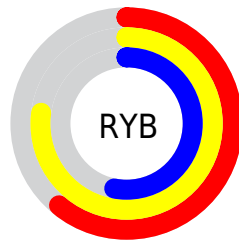
Distribution



Red (77%)

Green (71%)

Blue (53%)



Red (61%)

Yellow (77%)

Blue (53%)

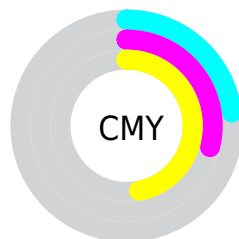


Cyan (0%)

Magenta (8%)

Yellow (31%)

Black (23%)



Cyan (23%)

Magenta (29%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.3550, 23.3850, -10.8150 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 180.3550, 23.3850, -10.8150 by changing the saturation by 10% instead.

■ 180.3550, 23.3850,
-10.8150

■ 180.3550, 23.3850,
-10.8150

255.0000, -0.0000,
-0.0000

■ 153.1700, 22.4680,
-10.7160

■ 236.4260, 24.6230,
-11.2250

■ 127.0990, 21.2300,
-10.3060

■ 250.7820, 11.8770,
-11.5070

■ 101.9140, 20.3130,
-10.2070

■ 253.9740, 2.8890,
-2.7990

■ 77.8430, 19.0750,
-9.7970

■ 55.2450, 17.8830,
-10.2210

■ 33.4020, 16.0030,
-9.1890

■ 13.3010, 6.2820,

-3.7180

■ 0.0000, 0.0000,
0.0000

■ 180.3550, 23.3850,
-10.8150

■ 180.3550, 23.3850,
-10.8150

■ 175.1400, 31.1800,
-14.4200

■ 185.5700, 15.5900,
-7.2100

■ 170.0390, 38.6540,
-17.7140

■ 190.6710, 8.1160,
-3.9160

■ 164.8240, 46.4490,
-21.3190

■ 195.8860, 0.3210,
-0.3110

■ 159.7230, 53.9230,
-24.6130

■ 200.9870, -7.1530,
2.9830

■ 154.5080, 61.7180,
-28.2180

■ 206.2020,
-14.9480, 6.5880

■ 149.8800, 69.2380,
-32.3460

■ 210.8300,
-22.4680, 10.7160

■ 144.8930, 76.3910,
-35.3290

■ 213.8790,
-24.1640, 8.4120

■ 216.8140,
-25.5390, 5.7970

■ 219.7490,
-26.9140, 3.1820

Harmonies

Analogous

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



182.2090, 35.9000, -0.8360



180.3550, 23.3850, -10.8150



177.7870, 4.3130, -17.5990

Triad

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



180.3550, 23.3850, -10.8150



172.0460, -50.3400, -12.8040



185.6300, 16.5020, 20.3260

Complementary

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



180.3550, 23.3850, -10.8150



151.6450, -23.3850, 10.8150

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.



184.3160, -6.1010, 16.9630



180.3550, 23.3850, -10.8150



175.4090, -46.6280, -2.9800

Square

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



180.3550, 23.3850, -10.8150



172.2180, -39.3810, -18.6850



180.5410, -29.0240, 8.3840



185.2480, 32.1370, 17.8090

Rectangle

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



180.3550, 23.3850, -10.8150



175.4200, -10.7710, -19.5630



180.5410, -29.0240, 8.3840



185.2100, 8.9370, 19.7610

Sweetspot

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



180.3550, 23.3850, -10.8150



248.8560, 9.0330, -4.0150



155.7640, 30.6240, 17.6960



123.9420, 5.9150, -2.5730



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.



180.3550, 23.3850, -10.8150



230.1960, 36.7740, -16.6820



184.9740, 10.9160, -21.6280



94.0990, 4.0350, -1.5410



118.5790, 62.9560, -28.6280



24.5420, 12.7930, -6.0790

Inverse Universe

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



151.6450, -23.3850, 10.8150



185.2170, -36.4990, 17.2050



147.0260, -10.9160, 21.6280



89.9010, -4.0350, 1.5410



41.8340, -62.6810, 29.1510



8.4580, -12.7930, 6.0790

Previews

White Background



This preview shows how the YIQ color 180.3550, 23.3850, -10.8150 looks on a white background.

Color Contrast Check

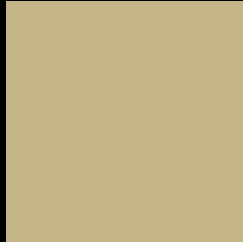
Large Text (above 18pt) WCAG AA × Fail

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 180.3550, 23.3850, -10.8150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

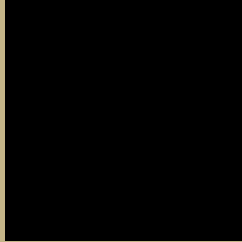
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.3550, 23.3850, -10.8150

Background



This preview shows how black text looks on a background with the YIQ color 180.3550, 23.3850, -10.8150.



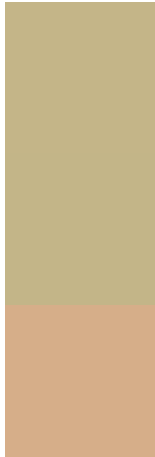
This preview shows how white text looks on a background with the YIQ color 180.3550, 23.3850,

-10.8150.

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

180.3550, 23.3850, -10.8150

Protanopia

180.0560, 22.7890, -11.0270

Deuteranopia

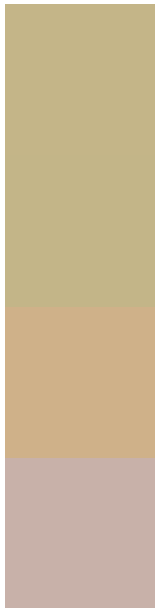
181.7420, 35.7170, -3.0270



Tritanopia

183.9680, 12.1940, 10.2900

Trichromacy



Original Color

180.3550, 23.3850, -10.8150

Protanomaly

180.0560, 22.7890, -11.0270

Deuteranomaly

181.4100, 30.7200, -6.0800

Tritanomaly

182.9650, 16.2760, 2.3880

Monochromacy



Original Color

180.3550, 23.3850, -10.8150

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.9700, 8.7120, -3.7040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.3550, 23.3850, -10.8150 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(196, 181, 136)` looks like.

```
.text, #text, p{  
    color:rgb(196, 181, 136)  
}
```

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(196, 181, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 181, 136) }
```

Border

The CSS property to change the border of an element to YIQ 180.3550, 23.3850, -10.8150 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(196, 181, 136) }
```


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

```
.border{ border-color:rgb(196, 181, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 181, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 181, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 181, 136);  
box-shadow:4px 4px 4px 4px rgb(196, 181,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 180.3550, 23.3850, -10.8150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 181, 136) }
```

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

```
.background{ background-color: rgb(196,  
181, 136) }
```

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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