

Converting Colors

YIQ(176.8750, 16.0490,
-10.0230)

Have a look what the booklet for
YIQ(176.8750, 16.0490, -10.0230)
contains.

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Color

**YIQ(176.8750, 16.0490,
-10.0230)**

Conversions

Conversions Part 1

Format	Color
Hex	BAB38E
RGB	186, 179, 142
RGB Percent	73%, 70%, 56%
CMY	0.2706, 0.2980, 0.4430
CMYK	0.00, 0.04, 0.24, 0.27
HSL	50°, 24%, 64%
HSV	50°, 24%, 73%
XYZ	41.2530, 44.6316, 32.0409
YIQ	176.8750, 16.0490, -10.0230

Conversions

Conversions Part 2

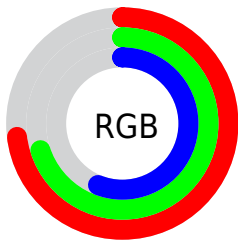
Format	Color
RYB	150, 186, 142
Decimal	12235662
CIELab	72.65, -3.54, 19.81
CIELCh	73, 20.128, 100.128
Yxy	44.6316, 0.3498, 0.3785
Android (android.graphics.Color)	4290425742 (0xFFBAB38E)
YUV	176.8750, -17.1934, 8.0026
Hunter-Lab	66.8069, -6.6888, 18.3290

Details

The YIQ color $176.8750, 16.0490, -10.0230$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $151.1250, -16.0490, 10.0230$, and the grayscale version is $177.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $232.6470, 16.6910, -10.6450$, and $123.9180, 14.4900, -9.3020$ is the 20% darker color. If you saturate the color by 10%, you get $172.9480, 22.9730, -14.3630$, and if you desaturate by 10%, it is $180.8020, 9.1250, -5.6830$.

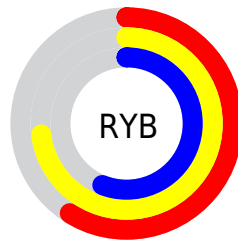
Distribution



Red (73%)

Green (70%)

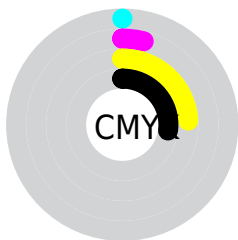
Blue (56%)



Red (59%)

Yellow (73%)

Blue (56%)

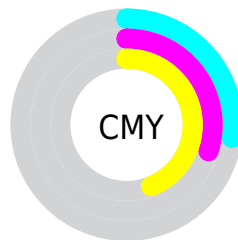


Cyan (0%)

Magenta (4%)

Yellow (24%)

Black (27%)



Cyan (27%)


Magenta (30%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 176.8750, 16.0490, -10.0230 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 176.8750, 16.0490, -10.0230 by changing the saturation by 10% instead.


 176.8750, 16.0490,
-10.0230

 176.8750, 16.0490,
-10.0230


255.0000, -0.0000,
-0.0000


 149.9890, 15.7280,
-9.7120


 232.6470, 16.6910,
-10.6450


 123.9180, 14.4900,
-9.3020


 251.4660, 9.9510,
-9.6410

 99.0320, 14.1690,
-8.9910

 254.7720, 0.6420,
-0.6220

 75.4340, 12.9770,
-9.4150

 52.3630, 11.7390,
-9.0050

 31.0210, 12.7020,
-9.9380

 8.8380, 0.2760,

-5.0040

■ 0.0000, 0.0000,
0.0000

■ 176.8750, 16.0490,
-10.0230

■ 176.8750, 16.0490,
-10.0230

■ 172.9480, 22.9730,
-14.3630

■ 180.8020, 9.1250,
-5.6830

■ 169.1350, 29.5760,
-18.3920

■ 184.6150, 2.5220,
-1.6540

■ 165.2080, 36.5000,
-22.7320

■ 188.5420, -4.4020,
2.6860

■ 161.3950, 43.1030,
-26.7610

■ 192.3550,
-11.0050, 6.7150

■ 157.4680, 50.0270,
-31.1010

■ 196.2820,
-17.9290, 11.0550

■ 153.5410, 56.9510,
-35.4410

■ 200.2090,
-24.8530, 15.3950

■ 149.7280, 63.5540,
-39.4700

■ 202.0840,
-25.9990, 14.1370

■ 147.1860, 67.9560,
-42.1560

■ 203.8450,
-26.8240, 12.5680

■ 205.6060,
-27.6490, 10.9990

Harmonies

Analogous

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



178.9630, 27.7850, -2.4470



176.8750, 16.0490, -10.0230



174.4430, -0.4100, -14.6020

Triad

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



176.8750, 16.0490, -10.0230



171.2540, -39.0620, -7.9420



181.6960, 16.1360, 15.9440

Complementary

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



176.8750, 16.0490, -10.0230



151.1250, -16.0490, 10.0230

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.



180.3720, -0.5070, 14.7010



176.8750, 16.0490, -10.0230



174.6340, -34.0200, -0.1960

Square

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



176.8750, 16.0490, -10.0230



171.0880, -32.9630, -13.8510



178.2170, -19.3040, 8.4400



181.1610, 27.8280, 13.3000

Rectangle

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



176.8750, 16.0490, -10.0230



173.0440, -12.4680, -16.3400



178.2170, -19.3040, 8.4400



181.4720, 10.9550, 16.2270

Sweetspot

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



176.8750, 16.0490, -10.0230



238.8880, 6.0070, -4.2410



155.9540, 23.9770, 11.5050



120.3870, 3.1640, -2.2760



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



176.8750, 16.0490, -10.0230



227.7910, 24.8530, -15.3950



176.4990, 5.1840, -16.8640



89.8000, 3.4390, -1.7530



123.5410, 56.9510, -35.4410



22.4600, 10.0880, -6.6160

Inverse Universe

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



151.1250, -16.0490, 10.0230



188.2090, -24.8530, 15.3950



151.5010, -5.1840, 16.8640



84.6130, -3.1640, 2.2760



32.4590, -56.9510, 35.4410



5.5400, -10.0880, 6.6160

Previews

White Background



This preview shows how the YIQ color 176.8750, 16.0490, -10.0230 looks on a white background.

Color Contrast Check

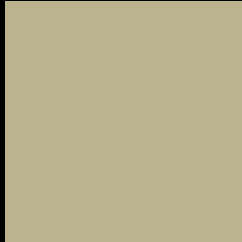
Large Text (above 18pt) WCAG AA × Fail

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 176.8750, 16.0490, -10.0230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

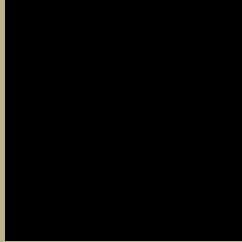
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.8750, 16.0490, -10.0230

Background



This preview shows how black text looks on a background with the YIQ color 176.8750, 16.0490, -10.0230.



This preview shows how white text looks on a background with the YIQ color 176.8750, 16.0490, -10.0230.

-10.0230.

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

176.8750, 16.0490, -10.0230

Protanopia

177.1850, 18.1120, -8.8640

Deuteranopia

178.6860, 30.1230, -0.7650



Tritanopia

180.2770, 6.8300, 8.3820

Trichromacy



Original Color

176.8750, 16.0490, -10.0230

Protanomaly

176.8860, 17.5160, -9.0760

Deuteranomaly

177.9410, 24.8510, -4.3410

Tritanomaly

179.0290, 10.2240, 1.9360

Monochromacy



Original Color

176.8750, 16.0490, -10.0230

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

177.0020, 5.6860, -3.9300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.8750, 16.0490, -10.0230 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(186, 179, 142)` looks like.

```
.text, #text, p{  
    color:rgb(186, 179, 142)  
}
```

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(186, 179, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 179, 142) }
```

Border

The CSS property to change the border of an element to YIQ 176.8750, 16.0490, -10.0230 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(186, 179, 142) }
```


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

```
.border{ border-color:rgb(186, 179, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 179, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 179, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 179, 142);  
box-shadow:4px 4px 4px 4px rgb(186, 179,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 176.8750, 16.0490, -10.0230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 179, 142) }
```

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

```
.background{ background-color: rgb(186,  
179, 142) }
```

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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