

Converting Colors

YIQ(178.9830, 15.8650, -6.6870)

Have a look what the booklet for
YIQ(178.9830, 15.8650, -6.6870)
contains.

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Color

**YIQ(178.9830, 15.8650,
-6.6870)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB396
RGB	190, 179, 150
RGB Percent	75%, 70%, 59%
CMY	0.2549, 0.2980, 0.4117
CMYK	0.00, 0.06, 0.21, 0.25
HSL	43°, 24%, 67%
HSV	43°, 21%, 75%
XYZ	42.8617, 45.3884, 35.3652
YIQ	178.9830, 15.8650, -6.6870

Conversions

Conversions Part 2

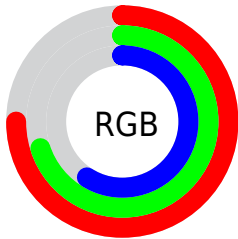
Format	Color
RYB	165, 190, 150
Decimal	12497814
CIELab	73.15, -0.83, 16.22
CIELCh	73, 16.244, 92.926
Yxy	45.3884, 0.3467, 0.3672
Android (android.graphics.Color)	4290687894 (0xFFBEB396)
YUV	178.9830, -14.2886, 9.6619
Hunter-Lab	67.3709, -4.3368, 16.0365

Details

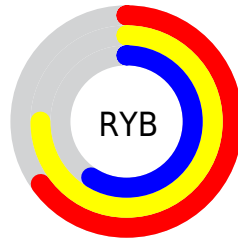
The YIQ color **178.9830, 15.8650, -6.6870** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **161.0170, -15.8650, 6.6870**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.0540, 17.1030, -7.0970**, and **125.9120, 14.6270, -6.2770** is the 20% darker color. If you saturate the color by 10%, you get **173.8820, 23.3390, -9.9810**, and if you desaturate by 10%, it is **184.0840, 8.3910, -3.3930**.

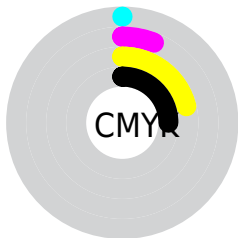
Distribution



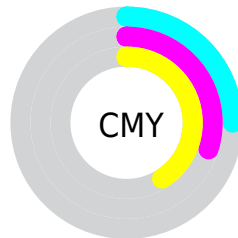
- Red (75%)
- Green (70%)
- Blue (59%)



- Red (65%)
- Yellow (75%)
- Blue (59%)



- Cyan (0%)
- Magenta (6%)
- Yellow (21%)
- Black (25%)





- Cyan (25%)
- Magenta (30%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 178.9830, 15.8650, -6.6870 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 178.9830, 15.8650, -6.6870 by changing the saturation by 10% instead.


 178.9830, 15.8650,
-6.6870


 178.9830, 15.8650,
-6.6870


255.0000, -0.0000,
-0.0000


 152.0970, 15.5440,
-6.3760


 235.0540, 17.1030,
-7.0970


 125.9120, 14.6270,
-6.2770

 252.3780, 7.3830,
-7.1530

 101.0260, 14.3060,
-5.9660

 77.4280, 13.1140,
-6.3900

 54.3570, 11.8760,
-5.9800

 32.8300, 11.9220,
-6.8140

 11.5290, 5.6400,

-3.0960

■ 0.0000, 0.0000,
0.0000

■ 178.9830, 15.8650,
-6.6870

■ 178.9830, 15.8650,
-6.6870

■ 173.8820, 23.3390,
-9.9810

■ 184.0840, 8.3910,
-3.3930

■ 168.7810, 30.8130,
-13.2750

■ 189.1850, 0.9170,
-0.0990

■ 163.0930, 38.5620,
-16.0460

■ 194.8730, -6.8320,
2.6720

■ 157.9920, 46.0360,
-19.3400

■ 199.9740,
-14.3060, 5.9660

■ 152.8910, 53.5100,
-22.6340

■ 205.0750,
-21.7800, 9.2600

■ 147.7900, 60.9840,
-25.9280

■ 209.1500,
-26.3650, 9.7550

■ 142.1020, 68.7330,
-28.6990

■ 212.6720,
-28.0150, 6.6170

■ 137.8160, 75.2900,
-31.8940

■ 215.6070,
-29.3900, 4.0020

■ 218.5420,
-30.7650, 1.3870

Harmonies

Analogous

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



180.3910, 23.7040, -0.0720



178.9830, 15.8650, -6.6870



177.2910, 3.0740, -11.6620

Triad

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



178.9830, 15.8650, -6.6870



174.7450, -30.2590, -7.7870



182.1790, 10.2220, 12.9900

Complementary

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



178.9830, 15.8650, -6.6870



161.0170, -15.8650, 6.6870

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.



181.1110, -4.2660, 11.2380



178.9830, 15.8650, -6.6870



176.6300, -28.1970, -1.1010

Square

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



178.9830, 15.8650, -6.6870



174.0460, -23.9770, -11.5050



178.8210, -18.2490, 5.8390



182.3990, 21.2260, 11.8020

Rectangle

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



178.9830, 15.8650, -6.6870



175.9740, -6.2790, -12.8630



178.8210, -18.2490, 5.8390



182.1400, 5.9580, 13.1740

Sweetspot

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



178.9830, 15.8650, -6.6870



243.0560, 5.5940, -2.2620



163.2140, 20.3090, 11.9010



122.8000, 3.4390, -1.7530



252.0000, 0.0000, 0.0000



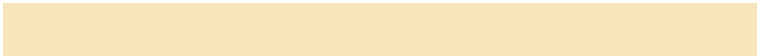
125.0000, 0.0000, 0.0000

Same Dimension

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



178.9830, 15.8650, -6.6870



230.0670, 24.2560, -10.0800



182.7490, 7.4760, -14.3480



91.8000, 3.4390, -1.7530



114.7470, 62.5430, -26.6490



22.1830, 12.4260, -4.9340

Inverse Universe

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



161.0170, -15.8650, 6.6870



202.9330, -24.2560, 10.0800



157.2510, -7.4760, 14.3480



87.7870, -3.7140, 1.2300



43.8400, -62.8180, 26.1260



8.2300, -12.1510, 5.4570

Previews

White Background



This preview shows how the YIQ color 178.9830, 15.8650, -6.6870 looks on a white background.

Color Contrast Check

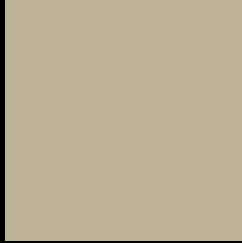
Large Text (above 18pt) WCAG AA × Fail

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 178.9830, 15.8650, -6.6870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

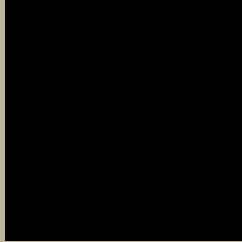
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.9830, 15.8650, -6.6870

Background



This preview shows how black text looks on a background with the YIQ color 178.9830, 15.8650, -6.6870.



This preview shows how white text looks on a background with the YIQ color 178.9830, 15.8650,

-6.6870.

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

178.9830, 15.8650, -6.6870

Protanopia

178.6840, 15.2690, -6.8990

Deuteranopia

180.6580, 27.3260, 0.3660



Tritanopia

181.7610, 8.3430, 8.4950

Trichromacy



Original Color

178.9830, 15.8650, -6.6870

Protanomaly

178.6840, 15.2690, -6.8990

Deuteranomaly

180.0380, 23.2000, -1.9520

Tritanomaly

180.8550, 10.7740, 2.9820

Monochromacy



Original Color

178.9830, 15.8650, -6.6870

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

178.9420, 5.9150, -2.5730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.9830, 15.8650, -6.6870 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(190, 179, 150)` looks like.

```
.text, #text, p{  
    color:rgb(190, 179, 150)  
}
```

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(190, 179, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 179, 150) }
```

Border

The CSS property to change the border of an element to YIQ 178.9830, 15.8650, -6.6870 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(190, 179, 150) }
```


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

```
.border{ border-color:rgb(190, 179, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 179, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 179, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 179, 150);  
box-shadow:4px 4px 4px 4px rgb(190, 179,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 178.9830, 15.8650, -6.6870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 179, 150) }
```

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

```
.background{ background-color: rgb(190,  
179, 150) }
```

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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