

Converting Colors

YIQ(210.9830, 15.8650, -6.6870)

Have a look what the booklet for
YIQ(210.9830, 15.8650, -6.6870)
contains.

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Color

**YIQ(210.9830, 15.8650,
-6.6870)**

Conversions

Conversions Part 1

Format	Color
Hex	DED3B6
RGB	222, 211, 182
RGB Percent	87%, 83%, 71%
CMY	0.1294, 0.1725, 0.2862
CMYK	0.00, 0.05, 0.18, 0.13
HSL	43°, 38%, 79%
HSV	43°, 18%, 87%
XYZ	61.8637, 65.4944, 53.6489
YIQ	210.9830, 15.8650, -6.6870

Conversions

Conversions Part 2

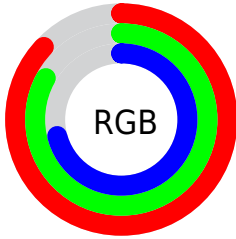
Format	Color
RYB	197, 222, 182
Decimal	14603190
CIELab	84.74, -0.90, 15.72
CIElCh	85, 15.746, 93.281
Yxy	65.4944, 0.3418, 0.3618
Android (android.graphics.Color)	4292793270 (0xFFDED3B6)
YUV	210.9830, -14.2886, 9.6619
Hunter-Lab	80.9286, -5.1756, 17.3457

Details

The YIQ color **210.9830, 15.8650, -6.6870** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **193.0170, -15.8650, 6.6870**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **253.0620, 5.4570, -5.2870**, and **156.7980, 14.9480, -6.5880** is the 20% darker color. If you saturate the color by 10%, you get **204.9530, 24.5770, -10.3910**, and if you desaturate by 10%, it is **217.0130, 7.1530, -2.9830**.

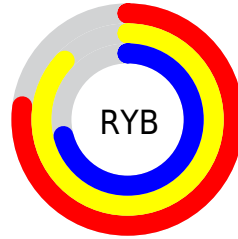
Distribution



Red (87%)

Green (83%)

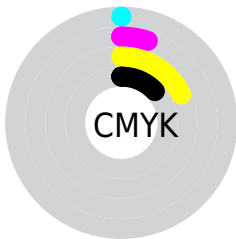
Blue (71%)



Red (77%)

Yellow (87%)

Blue (71%)

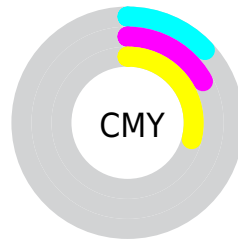


Cyan (0%)

Magenta (5%)

Yellow (18%)

Black (13%)



Cyan (13%)


Magenta (17%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 210.9830, 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 210.9830, 15.8650, -6.6870 by changing the saturation by 10% instead.


 210.9830, 15.8650,
-6.6870


 210.9830, 15.8650,
-6.6870


255.0000, -0.0000,
-0.0000


 183.0970, 15.5440,
-6.3760


 253.0620, 5.4570,
-5.2870

 156.7980, 14.9480,
-6.5880

 130.6130, 14.0310,
-6.4890

 104.8410, 13.3890,
-5.8670

 80.6560, 12.4720,
-5.7680

 57.7700, 12.1510,
-5.4570

 36.1720, 10.9590,

-5.8810

■ 15.6710, 8.1160,
-3.9160

■ 0.0000, 0.0000,
0.0000

■ 210.9830, 15.8650,
-6.6870

■ 210.9830, 15.8650,
-6.6870

■ 204.9530, 24.5770,
-10.3910

■ 217.0130, 7.1530,
-2.9830

■ 198.9230, 33.2890,
-14.0950

■ 223.0430, -1.5590,
0.7210

■ 192.7790, 42.3220,
-18.1100

■ 229.1870,
-10.5920, 4.7360

■ 186.7490, 51.0340,
-21.8140

■ 233.3930,
-14.1680, 3.4640

■ 180.1320, 60.0210,
-24.9950

■ 237.5020,
-16.0930, -0.1970

■ 174.1020, 68.7330,
-28.6990

■ 241.0240,
-17.7430, -3.3350

■ 168.0720, 77.4450,
-32.4030

■ 244.5460,
-19.3930, -6.4730

■ 161.9280, 86.4780,
-36.4180

■ 245.1330,
-19.6680, -6.9960

■ 160.8850, 88.0370,
-37.1390

Harmonies

Analogous

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



212.5760, 24.6210, -0.1710



210.9830, 15.8650, -6.6870



209.4050, 2.7530, -11.3510

Triad

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



210.9830, 15.8650, -6.6870



207.0440, -29.6630, -7.5750



214.4780, 10.8180, 13.2020

Complementary

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



210.9830, 15.8650, -6.6870



193.0170, -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.



213.2960, -3.3490, 11.1390



210.9830, 15.8650, -6.6870



208.6300, -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.



210.9830, 15.8650, -6.6870



206.3450, -23.3810, -11.2930



211.1200, -17.6530, 6.0510



214.2850, 21.5470, 11.4910

Rectangle

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



210.9830, 15.8650, -6.6870



207.9740, -6.2790, -12.8630



211.1200, -17.6530, 6.0510



214.0260, 6.2790, 12.8630

Sweetspot

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



210.9830, 15.8650, -6.6870



251.1700, 5.2730, -1.9510



195.2140, 20.3090, 11.9010



125.3270, 3.3930, -0.9190



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.



210.9830, 15.8650, -6.6870



239.8110, 22.1010, -9.5710



214.7490, 7.4760, -14.3480



108.9850, 4.3560, -1.8520



127.7600, 69.6960, -29.6320



34.8970, 18.9830, -8.1290

Inverse Universe

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



193.0170, -15.8650, 6.6870



214.1890, -22.1010, 9.5710



189.2510, -7.4760, 14.3480



104.0150, -4.3560, 1.8520



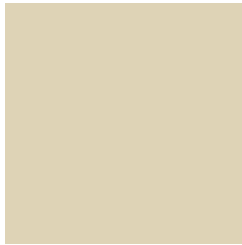
48.2400, -69.6960, 29.6320



13.1030, -18.9830, 8.1290

Previews

White Background



This preview shows how the YIQ color 210.9830, 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 210.9830, 15.8650, -6.6870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

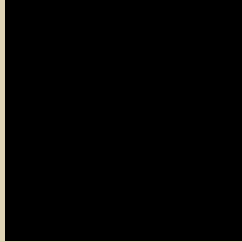
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

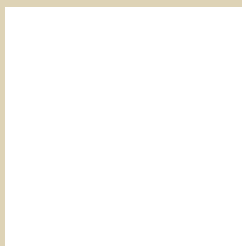
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 210.9830, 15.8650, -6.6870

Background



This preview shows how black text looks on a background with the YIQ color 210.9830, 15.8650, -6.6870.



This preview shows how white text looks on a background with the YIQ color 210.9830, 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

210.9830, 15.8650, -6.6870

Protanopia

210.9830, 15.8650, -6.6870

Deuteranopia

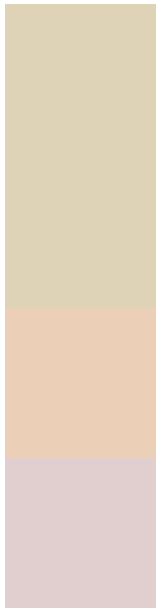
212.9680, 29.3890, 1.5250



Tritanopia

213.4020, 7.9760, 9.6400

Trichromacy



Original Color

210.9830, 15.8650, -6.6870

Protanomaly

210.9830, 15.8650, -6.6870

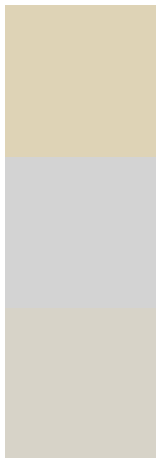
Deuteranomaly

212.6360, 24.3920, -1.5280

Tritanomaly

212.3820, 10.7280, 3.8160

Monochromacy



Original Color

210.9830, 15.8650, -6.6870

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

210.9420, 5.9150, -2.5730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.9830, 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(222, 211, 182)` looks like.

```
.text, #text, p{  
    color:rgb(222, 211, 182)  
}
```

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(222, 211, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 211, 182) }
```

Border

The CSS property to change the border of an element to YIQ 210.9830, 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(222, 211, 182) }
```


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

```
.border{ border-color:rgb(222, 211, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 211, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 211, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 211, 182);  
box-shadow:4px 4px 4px 4px rgb(222, 211,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 210.9830, 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(222, 211, 182) }
```

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

```
.background{ background-color: rgb(222,  
211, 182) }
```

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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