

Converting Colors

YIQ(212.2890, 14.5830,
-16.4970)

Have a look what the booklet for
YIQ(212.2890, 14.5830, -16.4970)
contains.

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Color

**YIQ(212.2890, 14.5830,
-16.4970)**

Conversions

Conversions Part 1

Format	Color
Hex	D8DBA8
RGB	216, 219, 168
RGB Percent	85%, 86%, 66%
CMY	0.1530, 0.1412, 0.3411
CMYK	0.01, 0.00, 0.23, 0.14
HSL	64°, 41%, 76%
HSV	64°, 23%, 86%
XYZ	60.7180, 68.0891, 47.0003
YIQ	212.2890, 14.5830, -16.4970

Conversions

Conversions Part 2

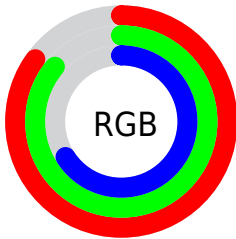
Format	Color
RYB	168, 219, 171
Decimal	14212008
CIELab	86.05, -9.25, 24.80
CIELCh	86, 26.469, 110.461
Yxy	68.0891, 0.3454, 0.3873
Android (android.graphics.Color)	4292402088 (0xFFD8DBA8)
YUV	212.2890, -21.8345, 3.2545
Hunter-Lab	82.5161, -13.0573, 23.9904

Details

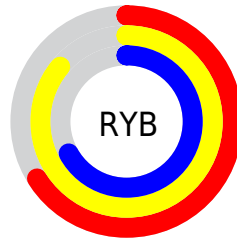
The YIQ color **212.2890, 14.5830, -16.4970** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **174.7110, -14.5830, 16.4970**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **251.3520, 10.2720, -9.9520**, and **157.6310, 13.6200, -15.5640** is the 20% darker color. If you saturate the color by 10%, you get **209.4820, 21.0490, -23.5510**, and if you desaturate by 10%, it is **215.0960, 8.1170, -9.4430**.

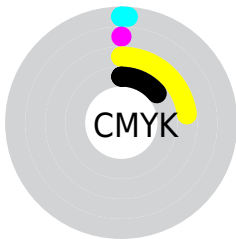
Distribution



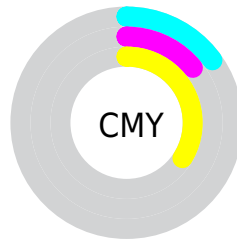
- Red (85%)
- Green (86%)
- Blue (66%)



- Red (66%)
- Yellow (86%)
- Blue (67%)



- Cyan (1%)
- Magenta (0%)
- Yellow (23%)
- Black (14%)



- Cyan (15%)
- Magenta (14%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.2890, 14.5830, -16.4970 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 212.2890, 14.5830, -16.4970 by changing the saturation by 10% instead.

■ 212.2890, 14.5830,
-16.4970

■ 212.2890, 14.5830,
-16.4970

255.0000, -0.0000,
-0.0000

■ 184.4030, 14.2620,
-16.1860

■ 251.3520, 10.2720,
-9.9520

■ 157.6310, 13.6200,
-15.5640

■ 254.6580, 0.9630,
-0.9330

■ 131.4460, 12.7030,
-15.4650

■ 105.6740, 12.0610,
-14.8430

■ 81.7880, 11.7400,
-14.5320

■ 58.6030, 10.8230,
-14.4330

■ 36.6030, 10.8230,

-14.4330

■ 16.4910, -0.3650,
-9.9090

■ 0.0000, 0.0000,
0.0000

■ 212.2890, 14.5830,
-16.4970

■ 212.2890, 14.5830,
-16.4970

■ 209.4820, 21.0490,
-23.5510

■ 215.0960, 8.1170,
-9.4430

■ 206.3760, 26.9190,
-30.8170

■ 218.2020, 2.2470,
-2.1770

■ 203.5690, 33.3850,
-37.8710

■ 221.0090, -4.2190,
4.8770

■ 200.7620, 39.8510,
-44.9250

■ 223.7020,
-10.3640, 11.6200

■ 198.0690, 45.9960,
-51.6680

■ 224.0010, -9.7680,
11.8320

■ 194.9630, 51.8660,
-58.9340

■ 224.5990, -8.5760,
12.2560

■ 192.1560, 58.3320,
-65.9880

■ 224.8980, -7.9800,
12.4680

■ 190.1470, 62.5510,
-70.8650

■ 225.1970, -7.3840,
12.6800

■ 225.7950, -6.1920,
13.1040

Harmonies

Analogous

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



215.1390, 32.9210, -7.4230



212.2890, 14.5830, -16.4970



208.8500, -9.1660, -21.1180

Triad

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



212.2890, 14.5830, -16.4970



206.3540, -53.9630, -7.7150



218.0070, 25.6260, 20.1700

Complementary

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



212.2890, 14.5830, -16.4970



174.7110, -14.5830, 16.4970

Split Complementary

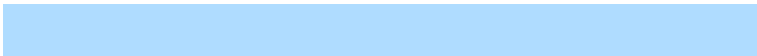
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



219.0790, 7.9280, 21.5280



212.2890, 14.5830, -16.4970



210.5350, -38.0550, 1.3450

Square

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



212.2890, 14.5830, -16.4970



204.2260, -51.0270, -16.8750



216.0050, -15.5910, 12.7370



215.1570, 33.6510, 12.3950

Rectangle

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



212.2890, 14.5830, -16.4970



206.9390, -25.5340, -21.8380



216.0050, -15.5910, 12.7370



219.6200, 22.4620, 22.4460

Sweetspot

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



212.2890, 14.5830, -16.4970



252.6490, 5.1820, -5.8100



185.0100, 29.5710, 9.2430



126.4470, 2.9350, -3.6330



0.0000, 0.0000, 0.0000



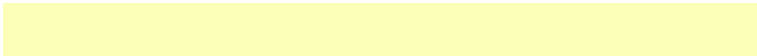
128.0000, -0.0000, -0.0000

Same Dimension

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



212.2890, 14.5830, -16.4970



245.7100, 20.4070, -22.9290



204.8140, -0.3170, -21.7970



108.4470, 2.9350, -3.6330



150.2880, 49.5730, -55.9230



39.8590, 12.9780, -14.9420

Inverse Universe

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



174.7110, -14.5830, 16.4970



193.2900, -20.4070, 22.9290



182.1860, 0.3170, 21.7970



100.2540, -3.5310, 3.4210



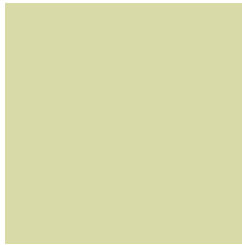
22.7120, -49.5730, 55.9230



6.1410, -12.9780, 14.9420

Previews

White Background



This preview shows how the YIQ color 212.2890, 14.5830, -16.4970 looks on a white background.

Color Contrast Check

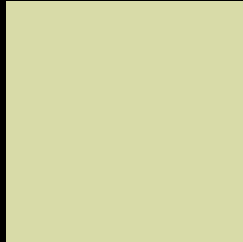
Large Text (above 18pt) WCAG AA × Fail

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 212.2890, 14.5830, -16.4970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

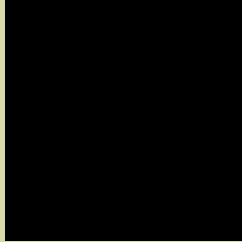
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.2890, 14.5830, -16.4970

Background



This preview shows how black text looks on a background with the YIQ color 212.2890, 14.5830, -16.4970.



This preview shows how white text looks on a background with the YIQ color 212.2890, 14.5830, -16.4970.

-16.4970.

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

212.2890, 14.5830, -16.4970

Protanopia

213.8990, 24.6690, -12.0590

Deuteranopia

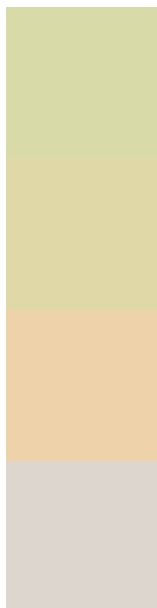
216.0520, 37.7800, -1.8680



Tritanopia

216.8250, 2.2910, 8.0430

Trichromacy



Original Color

212.2890, 14.5830, -16.4970

Protanomaly

213.1050, 21.0930, -13.3310

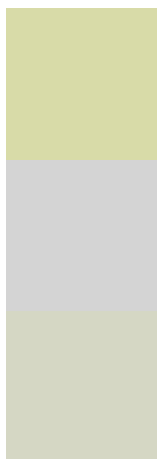
Deuteranomaly

214.3990, 29.2530, -7.0270

Tritanomaly

215.1810, 6.7400, -1.0040

Monochromacy



Original Color

212.2890, 14.5830, -16.4970

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.2360, 4.9070, -6.3330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.2890, 14.5830, -16.4970 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(216, 219, 168)` looks like.

```
.text, #text, p{  
    color:rgb(216, 219, 168)  
}
```

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(216, 219, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 219, 168) }
```

Border

The CSS property to change the border of an element to YIQ 212.2890, 14.5830, -16.4970 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(216, 219, 168) }
```


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

```
.border{ border-color:rgb(216, 219, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 219, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 219, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 219, 168);  
box-shadow:4px 4px 4px 4px rgb(216, 219,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 212.2890, 14.5830, -16.4970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 219, 168) }
```

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

```
.background{ background-color: rgb(216,  
219, 168) }
```

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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