

Converting Colors

YIQ(211.1690, 15.0410,
-13.7830)

Have a look what the booklet for
YIQ(211.1690, 15.0410, -13.7830)
contains.

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Color

**YIQ(211.1690, 15.0410,
-13.7830)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D8AB
RGB	217, 216, 171
RGB Percent	85%, 85%, 67%
CMY	0.1490, 0.1529, 0.3293
CMYK	0.00, 0.00, 0.21, 0.15
HSL	59°, 38%, 76%
HSV	59°, 21%, 85%
XYZ	60.5220, 66.8034, 48.2446
YIQ	211.1690, 15.0410, -13.7830

Conversions

Conversions Part 2

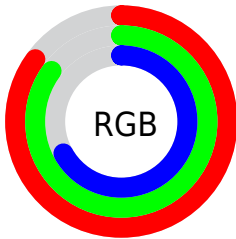
Format	Color
RYB	172, 217, 171
Decimal	14276779
CIELab	85.40, -6.93, 22.36
CIELCh	85, 23.412, 107.218
Yxy	66.8034, 0.3447, 0.3805
Android (android.graphics.Color)	4292466859 (0xFFD9D8AB)
YUV	211.1690, -19.8033, 5.1138
Hunter-Lab	81.7333, -10.8573, 22.2163

Details

The YIQ color **211.1690, 15.0410, -13.7830** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **176.8310, -15.0410, 13.7830**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **251.6940, 9.3090, -9.0190**, and **156.5110, 14.0780, -12.8500** is the 20% darker color. If you saturate the color by 10%, you get **208.6610, 22.1030, -20.6250**, and if you desaturate by 10%, it is **213.6770, 7.9790, -6.9410**.

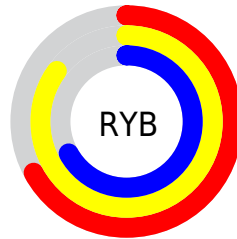
Distribution



Red (85%)

Green (85%)

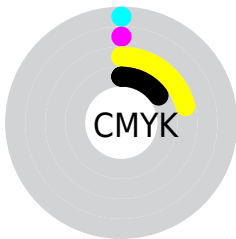
Blue (67%)



Red (67%)

Yellow (85%)

Blue (67%)

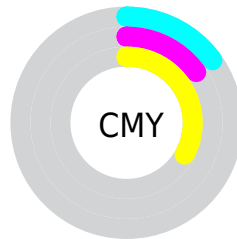


Cyan (0%)

Magenta (0%)

Yellow (21%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.1690, 15.0410, -13.7830 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 211.1690, 15.0410, -13.7830 by changing the saturation by 10% instead.

■ 211.1690, 15.0410,
-13.7830

■ 211.1690, 15.0410,
-13.7830

255.0000, -0.0000,
-0.0000

■ 183.2830, 14.7200,
-13.4720

■ 251.8080, 8.9880,
-8.7080

■ 156.5110, 14.0780,
-12.8500

■ 130.3260, 13.1610,
-12.7510

■ 105.1410, 12.2440,
-12.6520

■ 81.2550, 11.9230,
-12.3410

■ 57.4830, 11.2810,
-11.7190

■ 35.7280, 11.9690,

-13.1750

■ 15.9150, 1.3770,
-8.4390

■ 0.0000, 0.0000,
0.0000

■ 211.1690, 15.0410,
-13.7830

■ 211.1690, 15.0410,
-13.7830

■ 208.6610, 22.1030,
-20.6250

■ 213.6770, 7.9790,
-6.9410

■ 205.6800, 29.1190,
-26.6330

■ 216.6580, 0.9630,
-0.9330

■ 203.1720, 36.1810,
-33.4750

■ 219.1660, -6.0990,
5.9090

■ 200.0770, 43.5180,
-39.7940

■ 221.9190,
-12.4730, 11.2950

■ 197.6830, 50.2590,
-46.3250

■ 222.5060,
-12.7480, 10.7720

■ 194.5880, 57.5960,
-52.6440

■ 223.0930,
-13.0230, 10.2490

■ 192.0800, 64.6580,
-59.4860

■ 189.3270, 71.0320,
-64.8720

Harmonies

Analogous

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



213.6380, 30.0780, -5.4580



211.1690, 15.0410, -13.7830



208.5840, -5.3610, -18.4890

Triad

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



211.1690, 15.0410, -13.7830



206.0620, -47.2690, -7.8850



217.6970, 23.5630, 19.0110

Complementary

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



211.1690, 15.0410, -13.7830



176.8310, -15.0410, 13.7830

Split Complementary

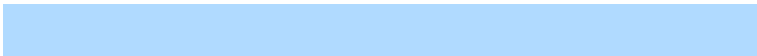
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



217.2310, 4.4440, 18.5880



211.1690, 15.0410, -13.7830



209.6600, -36.9090, 2.6030

Square

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



211.1690, 15.0410, -13.7830



204.4720, -42.9120, -15.2640



214.2220, -17.7000, 12.4120



215.3850, 33.0090, 13.0170

Rectangle

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



211.1690, 15.0410, -13.7830



207.0430, -19.8950, -19.4070



214.2220, -17.7000, 12.4120



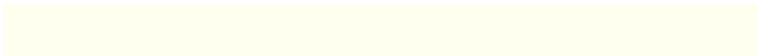
217.5870, 18.0610, 19.6050

Sweetspot

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



211.1690, 15.0410, -13.7830



253.2900, 4.8150, -4.6650



184.9820, 26.7740, 10.3740



126.3870, 3.1640, -2.2760



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.



211.1690, 15.0410, -13.7830



247.1170, 20.8190, -19.3810



205.4770, 2.2500, -18.7580



108.1590, 3.8060, -2.8980



151.5170, 56.3580, -52.2340



40.1690, 15.0410, -13.7830

Inverse Universe

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



176.8310, -15.0410, 13.7830



199.4700, -21.0940, 18.8580



182.5230, -2.2500, 18.7580



100.2540, -3.5310, 3.4210



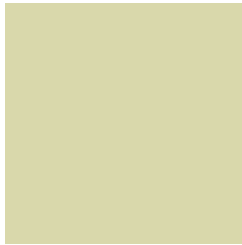
22.0700, -56.6330, 51.7110



5.8310, -15.0410, 13.7830

Previews

White Background



This preview shows how the YIQ color 211.1690, 15.0410, -13.7830 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 211.1690, 15.0410, -13.7830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

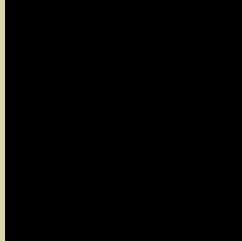
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

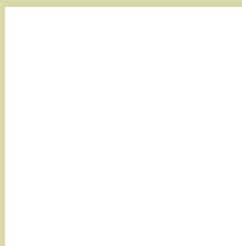
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 211.1690, 15.0410, -13.7830

Background



This preview shows how black text looks on a background with the YIQ color 211.1690, 15.0410, -13.7830.



This preview shows how white text looks on a background with the YIQ color 211.1690, 15.0410,

-13.7830.

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

211.1690, 15.0410, -13.7830

Protanopia

212.2840, 22.1470, -10.4050

Deuteranopia

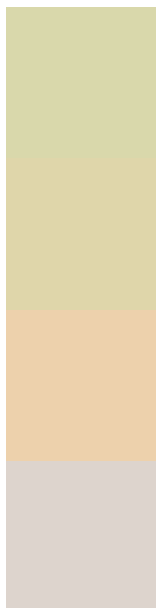
214.2090, 35.9000, -0.8360



Tritanopia

215.3090, 3.8040, 8.1560

Trichromacy



Original Color

211.1690, 15.0410, -13.7830

Protanomaly

211.6750, 19.4880, -11.7760

Deuteranomaly

213.1540, 28.5650, -5.5710

Tritanomaly

213.8930, 7.6110, -0.2690

Monochromacy



Original Color

211.1690, 15.0410, -13.7830

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

211.0620, 5.4570, -5.2870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.1690, 15.0410, -13.7830 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(217, 216, 171)` looks like.

```
.text, #text, p{  
    color:rgb(217, 216, 171)  
}
```

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(217, 216, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 216, 171) }
```

Border

The CSS property to change the border of an element to YIQ 211.1690, 15.0410, -13.7830 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(217, 216, 171) }
```


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

```
.border{ border-color:rgb(217, 216, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 216, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 216, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 216, 171);  
box-shadow:4px 4px 4px 4px rgb(217, 216,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 211.1690, 15.0410, -13.7830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 216, 171) }
```

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

```
.background{ background-color: rgb(217,  
216, 171) }
```

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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