

Converting Colors

YIQ(223.8170, 4.7690, -3.8310)

Have a look what the booklet for
YIQ(223.8170, 4.7690, -3.8310)
contains.

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Color

**YIQ(223.8170, 4.7690,
-3.8310)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E1D4
RGB	226, 225, 212
RGB Percent	89%, 88%, 83%
CMY	0.1137, 0.1176, 0.1686
CMYK	0.00, 0.00, 0.06, 0.11
HSL	56°, 19%, 86%
HSV	56°, 6%, 89%
XYZ	70.1733, 74.7725, 73.0263
YIQ	223.8170, 4.7690, -3.8310

Conversions

Conversions Part 2

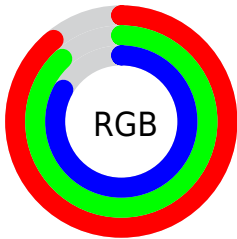
Format	Color
R _Y B	213, 226, 212
Decimal	14868948
CIE Lab	89.29, -1.91, 6.46
CIE LCh	89, 6.739, 106.506
Yxy	74.7725, 0.3219, 0.3430
Android (android.graphics.Color)	4293059028 (0xFFE2E1D4)
YUV	223.8170, -5.8258, 1.9145
Hunter-Lab	86.4711, -6.4677, 10.4584

Details

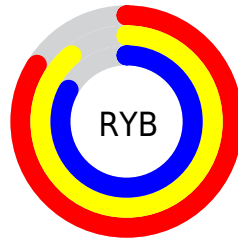
The YIQ color $223.8170, 4.7690, -3.8310$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $214.1830, -4.7690, 3.8310$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $168.8170, 4.7690, -3.8310$ is the 20% darker color. If you saturate the color by 10%, you get $220.0210, 12.7020, -9.9380$, and if you desaturate by 10%, it is $227.6130, -3.1640, 2.2760$.

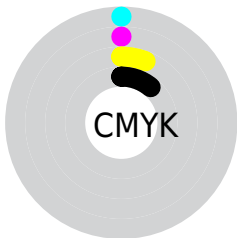
Distribution



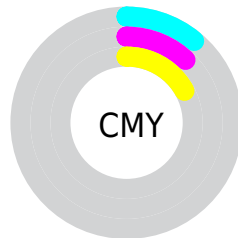
- Red (89%)
- Green (88%)
- Blue (83%)



- Red (84%)
- Yellow (89%)
- Blue (83%)



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.8170, 4.7690, -3.8310 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 223.8170, 4.7690, -3.8310 by changing the saturation by 10% instead.

■ 223.8170, 4.7690,
-3.8310

■ 223.8170, 4.7690,
-3.8310

255.0000, -0.0000,
-0.0000

■ 195.8170, 4.7690,
-3.8310

■ 168.8170, 4.7690,
-3.8310

■ 141.9310, 4.4480,
-3.5200

■ 116.9310, 4.4480,
-3.5200

■ 92.0450, 4.1270,
-3.2090

■ 68.7460, 3.5310,
-3.4210

■ 46.1590, 3.8060,

-2.8980

■ 25.8600, 3.2100,
-3.1100

■ 0.0000, 0.0000,
0.0000

■ 223.8170, 4.7690,
-3.8310

■ 223.8170, 4.7690,
-3.8310

■ 220.0210, 12.7020,
-9.9380

■ 227.6130, -3.1640,
2.2760

■ 216.9260, 20.0390,
-16.2570

■ 230.4800, -9.8590,
7.9730

■ 213.1300, 27.9720,
-22.3640

■ 231.6540,
-10.4090, 6.9270

■ 210.0350, 35.3090,
-28.6830

■ 232.2410,
-10.6840, 6.4040

■ 206.2390, 43.2420,
-34.7900

■ 233.4150,
-11.2340, 5.3580

■ 202.4430, 51.1750,
-40.8970

■ 234.5890,
-11.7840, 4.3120

■ 199.3480, 58.5120,
-47.2160

■ 235.1760,
-12.0590, 3.7890

■ 195.5520, 66.4450,
-53.3230

■ 236.3500,
-12.6090, 2.7430

■ 192.4570, 73.7820,
-59.6420

■ 236.9370,
-12.8840, 2.2200

Harmonies

Analogous

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



224.7360, 9.4910, -1.3010



223.8170, 4.7690, -3.8310



222.9410, -1.5120, -5.6400

Triad

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



223.8170, 4.7690, -3.8310



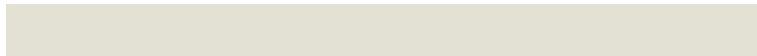
222.6010, -12.0580, -1.7380



225.5820, 7.2890, 5.5690

Complementary

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



223.8170, 4.7690, -3.8310



214.1830, -4.7690, 3.8310

Split Complementary

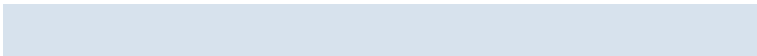
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.6460, 1.2370, 5.1170



223.8170, 4.7690, -3.8310



223.9650, -10.0870, 1.0890

Square

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



223.8170, 4.7690, -3.8310



222.3190, -11.3240, -4.0280



224.8840, -5.3650, 3.6190



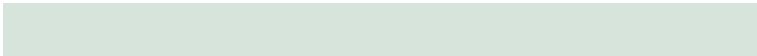
225.7950, 11.0030, 4.3390

Rectangle

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



223.8170, 4.7690, -3.8310



222.7880, -5.4550, -5.7670



224.8840, -5.3650, 3.6190



225.9130, 4.8590, 5.5550

Sweetspot

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



223.8170, 4.7690, -3.8310



254.4300, 1.6050, -1.5550



216.3000, 8.0230, 3.2790



127.0710, 1.2380, -0.4100



0.0000, 0.0000, 0.0000



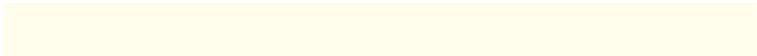
128.0000, -0.0000, -0.0000

Same Dimension

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



223.8170, 4.7690, -3.8310



252.3610, 6.0530, -5.0750



222.6100, 0.9180, -5.6260



110.9740, 2.8890, -2.7990



148.3050, 60.0710, -47.9370



40.7670, 16.2330, -13.3590

Inverse Universe

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



214.1830, -4.7690, 3.8310



239.6390, -6.0530, 5.0750



215.3900, -0.9180, 5.6260



104.6130, -3.1640, 2.2760



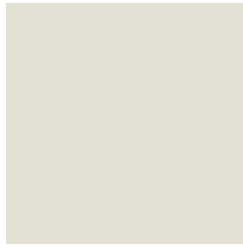
27.6950, -60.0710, 47.9370



7.2330, -16.2330, 13.3590

Previews

White Background



This preview shows how the YIQ color 223.8170, 4.7690, -3.8310 looks on a white background.

Color Contrast Check

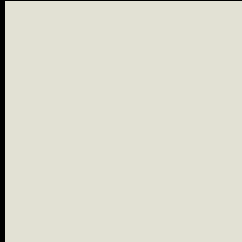
Large Text (above 18pt) WCAG AA × Fail

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 223.8170, 4.7690, -3.8310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

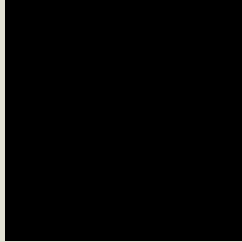
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

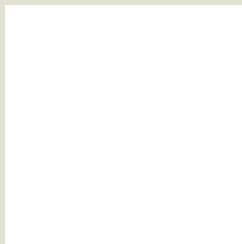
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 223.8170, 4.7690, -3.8310

Background



This preview shows how black text looks on a background with the YIQ color 223.8170, 4.7690, -3.8310.



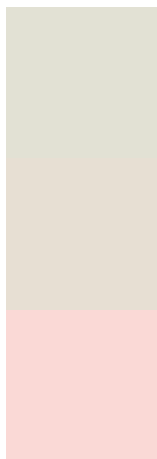
This preview shows how white text looks on a background with the YIQ color 223.8170, 4.7690,

-3.8310.

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

223.8170, 4.7690, -3.8310

Protanopia

224.0240, 8.6200, -2.0360

Deuteranopia

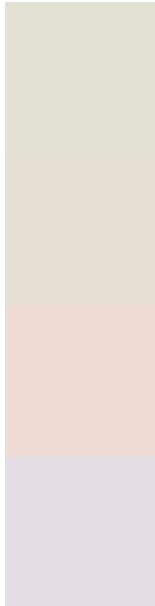
226.5250, 20.6310, 6.0630



Tritanopia

225.6290, -0.0930, 7.1950

Trichromacy



Original Color

223.8170, 4.7690, -3.8310

Protanomaly

224.0130, 7.1530, -2.9830

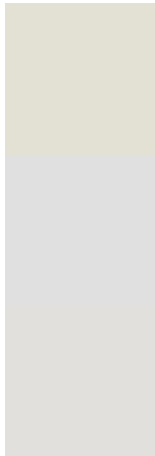
Deuteranomaly

225.4810, 14.7630, 2.2750

Tritanomaly

224.8910, 1.9250, 3.6610

Monochromacy



Original Color

223.8170, 4.7690, -3.8310

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

223.8430, 1.8800, -1.0320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.8170, 4.7690, -3.8310 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(226, 225, 212)` looks like.

```
.text, #text, p{  
    color:rgb(226, 225, 212)  
}
```

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(226, 225, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 225, 212) }
```

Border

The CSS property to change the border of an element to YIQ 223.8170, 4.7690, -3.8310 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(226, 225, 212) }
```


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

```
.border{ border-color:rgb(226, 225, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 225, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 225, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 225, 212);  
box-shadow:4px 4px 4px 4px rgb(226, 225,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 223.8170, 4.7690, -3.8310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 225, 212) }
```

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

```
.background{ background-color: rgb(226,  
225, 212) }
```

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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