

Converting Colors

YIQ(221.0870, -4.8590, -5.5550)

Have a look what the booklet for
YIQ(221.0870, -4.8590, -5.5550)
contains.

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Color

**YIQ(221.0870, -4.8590,
-5.5550)**

Conversions

Conversions Part 1

Format	Color
Hex	D5E2D9
RGB	213, 226, 217
RGB Percent	84%, 89%, 85%
CMY	0.1647, 0.1137, 0.1490
CMYK	0.06, 0.00, 0.04, 0.11
HSL	138°, 18%, 86%
HSV	138°, 6%, 89%
XYZ	67.1597, 73.5500, 76.3004
YIQ	221.0870, -4.8590, -5.5550

Conversions

Conversions Part 2

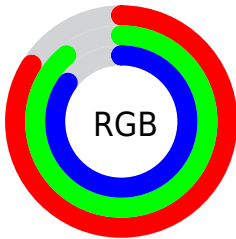
Format	Color
R _Y B	213, 223, 226
Decimal	14017241
CIE Lab	88.71, -5.99, 2.89
CIE LCh	89, 6.652, 154.260
Yxy	73.5500, 0.3095, 0.3389
Android (android.graphics.Color)	4292207321 (0xFFD5E2D9)
YUV	221.0870, -2.0149, -7.0923
Hunter-Lab	85.7613, -10.2989, 7.2836

Details

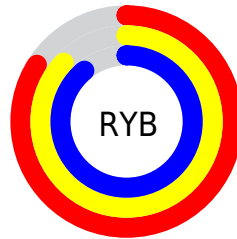
The YIQ color **221.0870, -4.8590, -5.5550** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **217.9130, 4.8590, 5.5550**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **166.0870, -4.8590, -5.5550** is the 20% darker color. If you saturate the color by 10%, you get **212.3860, -13.4310, -15.4070**, and if you desaturate by 10%, it is **229.7880, 3.7130, 4.2970**.

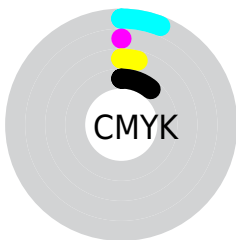
Distribution



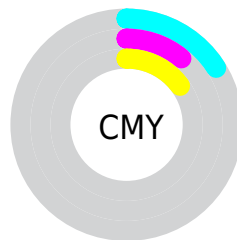
- Red (84%)
- Green (89%)
- Blue (85%)



- Red (84%)
- Yellow (87%)
- Blue (89%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (16%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.0870, -4.8590, -5.5550 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 221.0870, -4.8590, -5.5550 by changing the saturation by 10% instead.

■ 221.0870, -4.8590,
-5.5550

■ 221.0870, -4.8590,
-5.5550

255.0000, -0.0000,
-0.0000

■ 193.0870, -4.8590,
-5.5550

■ 166.0870, -4.8590,
-5.5550

■ 139.5000, -4.5840,
-5.0320

■ 114.5000, -4.5840,
-5.0320

■ 89.7990, -3.9880,
-4.8200

■ 66.2120, -3.7130,
-4.2970

■ 44.2120, -3.7130,

-4.2970

■ 23.6250, -3.4380,
-3.7740

■ 0.0000, 0.0000,
0.0000

■ 221.0870, -4.8590,
-5.5550

■ 221.0870, -4.8590,
-5.5550

■ 212.3860,
-13.4310, -15.4070

■ 229.7880, 3.7130,
4.2970

■ 204.0980,
-21.7280, -24.7360

■ 237.1790, 10.2220,
12.9900

■ 195.3970,
-30.3000, -34.5880

■ 237.9770, 7.9750,
15.1670

■ 186.9950,
-38.2760, -44.2280

■ 178.4080,
-47.1690, -53.7690

■ 169.7070,
-55.7410, -63.6210

■ 161.3050,
-63.7170, -73.2610

■ 152.7180,
-72.6100, -82.8020

■ 144.3160,
-80.5860, -92.4420

Harmonies

Analogous

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



222.0230, 1.1930, -5.1030



221.0870, -4.8590, -5.5550



220.8630, -10.0400, -5.2720

Triad

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



221.0870, -4.8590, -5.5550



222.5740, -7.4280, 2.4600



224.0400, 11.6910, 2.8830

Complementary

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



221.0870, -4.8590, -5.5550



217.9130, 4.8590, 5.5550

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.



224.4250, 9.1690, 4.5370



221.0870, -4.8590, -5.5550



223.5640, -1.4680, 4.5800

Square

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



221.0870, -4.8590, -5.5550



221.8400, -11.2330, -0.1690



223.9130, 4.8590, 5.5550



222.8610, 10.6370, -0.0430

Rectangle

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



221.0870, -4.8590, -5.5550



220.5470, -11.9660, -3.4060



223.9130, 4.8590, 5.5550



224.2680, 11.0490, 3.5050

Sweetspot

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



221.0870, -4.8590, -5.5550



253.0490, -1.6960, -2.3040



223.3220, 1.7890, -4.8910



126.8750, -1.1460, -1.2580



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.



221.0870, -4.8590, -5.5550



248.2500, -6.8760, -7.5480



221.7710, -6.7850, -3.6890



108.6250, -3.4380, -3.7740



109.4680, -65.7340, -75.2540



29.8860, -18.0150, -20.4390

Inverse Universe

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



217.9130, 4.8590, 5.5550



243.8640, 6.5550, 7.8590



217.2290, 6.7850, 3.6890



106.3750, 3.4380, 3.7740



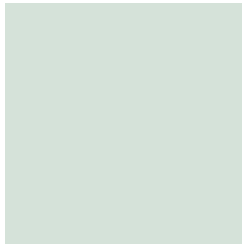
66.5320, 65.7340, 75.2540



18.2280, 17.6940, 20.7500

Previews

White Background



This preview shows how the YIQ color 221.0870, -4.8590, -5.5550 looks on a white background.

Color Contrast Check

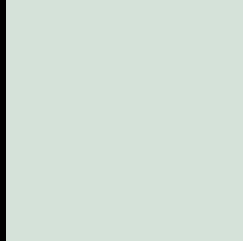
Large Text (above 18pt) WCAG AA × Fail

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 221.0870, -4.8590, -5.5550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

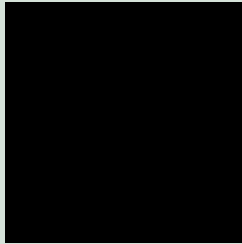
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

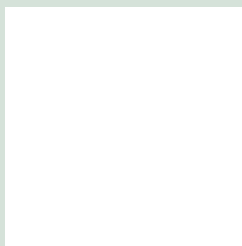
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 221.0870, -4.8590, -5.5550

Background



This preview shows how black text looks on a background with the YIQ color 221.0870, -4.8590, -5.5550.



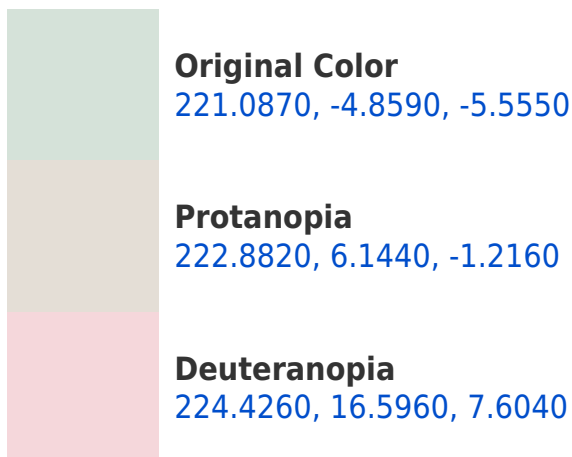
This preview shows how white text looks on a background with the YIQ color 221.0870, -4.8590,

-5.5550.

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





Tritanopia

223.1440, -9.0330, 4.0150

Trichromacy



Original Color

221.0870, -4.8590, -5.5550

Protanomaly

222.0880, 2.5680, -2.4880

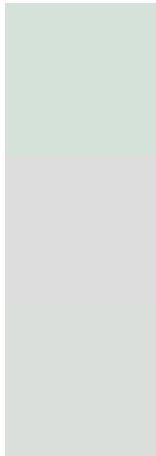
Deuteranomaly

223.0720, 8.6650, 2.6570

Tritanomaly

222.5200, -7.3360, 0.7920

Monochromacy



Original Color

221.0870, -4.8590, -5.5550

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.1630, -2.0170, -1.9930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.0870, -4.8590, -5.5550 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(213, 226, 217)` looks like.

```
.text, #text, p{  
    color:rgb(213, 226, 217)  
}
```

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(213, 226, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 226, 217) }
```

Border

The CSS property to change the border of an element to YIQ 221.0870, -4.8590, -5.5550 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(213, 226, 217) }
```


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

```
.border{ border-color:rgb(213, 226, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 226, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 226, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 226, 217); box-shadow:4px 4px 4px 4px rgb(213, 226, 217) }
```

Background

The CSS property to change the background color of an element to YIQ 221.0870, -4.8590, -5.5550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 226, 217) }
```

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

```
.background{ background-color: rgb(213,  
226, 217) }
```

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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