

Converting Colors

YIQ(221.3870, 3.1640, -2.2760)

Have a look what the booklet for
YIQ(221.3870, 3.1640, -2.2760)
contains.

YIQ(221.3870, 3.1640, -2.2760)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(221.3870, 3.1640,
-2.2760)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDED6
RGB	223, 222, 214
RGB Percent	87%, 87%, 84%
CMY	0.1255, 0.1294, 0.1608
CMYK	0.00, 0.00, 0.04, 0.13
HSL	53°, 12%, 86%
HSV	53°, 4%, 87%
XYZ	68.6906, 72.7855, 74.0501
YIQ	221.3870, 3.1640, -2.2760

Conversions

Conversions Part 2

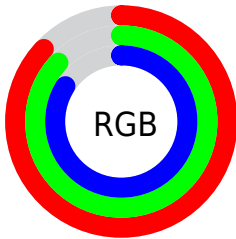
Format	Color
R _Y B	215, 223, 214
Decimal	14671574
CIE Lab	88.35, -1.06, 4.02
CIE LCh	88, 4.163, 104.808
Yxy	72.7855, 0.3187, 0.3377
Android (android.graphics.Color)	4292861654 (0xFFDFDED6)
YUV	221.3870, -3.6418, 1.4146
Hunter-Lab	85.3144, -5.5816, 8.2583

Details

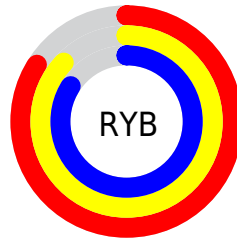
The YIQ color $221.3870, 3.1640, -2.2760$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $215.6130, -3.1640, 2.2760$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $166.3870, 3.1640, -2.2760$ is the 20% darker color. If you saturate the color by 10%, you get $217.7050, 10.7760, -8.0720$, and if you desaturate by 10%, it is $225.0690, -4.4480, 3.5200$.

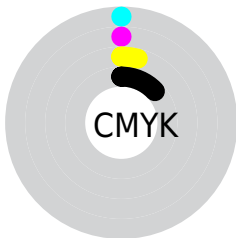
Distribution



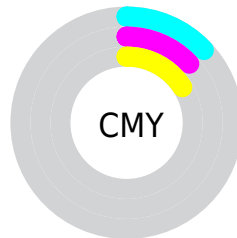
- Red (87%)
- Green (87%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.3870, 3.1640, -2.2760 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 221.3870, 3.1640, -2.2760 by changing the saturation by 10% instead.

■ 221.3870, 3.1640,
-2.2760

■ 221.3870, 3.1640,
-2.2760

255.0000, -0.0000,
-0.0000

■ 193.3870, 3.1640,
-2.2760

■ 166.3870, 3.1640,
-2.2760

■ 140.0880, 2.5680,
-2.4880

■ 114.5010, 2.8430,
-1.9650

■ 90.2020, 2.2470,
-2.1770

■ 66.6150, 2.5220,
-1.6540

■ 44.6150, 2.5220,

-1.6540

■ 23.6150, 2.5220,
-1.6540

■ 0.0000, 0.0000,
0.0000

■ 221.3870, 3.1640,
-2.2760

■ 221.3870, 3.1640,
-2.2760

■ 217.7050, 10.7760,
-8.0720

■ 225.0690, -4.4480,
3.5200

■ 213.3220, 18.9840,
-13.6560

■ 228.9960,
-11.3720, 7.8600

■ 209.6400, 26.5960,
-19.4520

■ 230.1700,
-11.9220, 6.8140

■ 205.3710, 34.4830,
-24.7250

■ 231.9310,
-12.7470, 5.2450

■ 201.6890, 42.0950,
-30.5210

■ 233.1050,
-13.2970, 4.1990

■ 197.3060, 50.3030,
-36.1050

■ 234.8660,
-14.1220, 2.6300

■ 193.6240, 57.9150,
-41.9010

■ 236.0400,
-14.6720, 1.5840

■ 189.3550, 65.8020,
-47.1740

■ 237.8010,
-15.4970, 0.0150

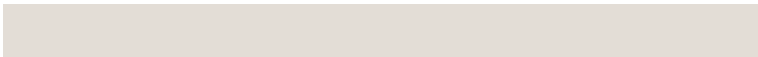
■ 185.5590, 73.7350,
-53.2810

■ 238.9750,
-16.0470, -1.0310

Harmonies

Analogous

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



221.9960, 5.8230, -0.9050



221.3870, 3.1640, -2.2760



220.7070, -0.7330, -3.2370

Triad

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



221.3870, 3.1640, -2.2760



221.0530, -7.5190, -1.3990



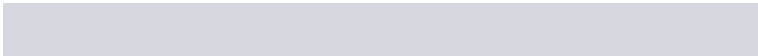
222.5600, 4.3550, 3.6750

Complementary

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



221.3870, 3.1640, -2.2760



215.6130, -3.1640, 2.2760

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.



222.2930, 0.7330, 3.2370



221.3870, 3.1640, -2.2760



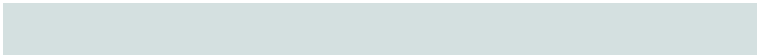
221.5910, -6.0980, 0.3820

Square

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



221.3870, 3.1640, -2.2760



220.4120, -7.1520, -2.5440



221.6130, -3.1640, 2.2760



222.7020, 6.8310, 2.8550

Rectangle

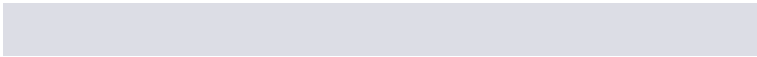
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



221.3870, 3.1640, -2.2760



220.9240, -2.8420, -3.5620



221.6130, -3.1640, 2.2760



222.3750, 3.4380, 3.7740

Sweetspot

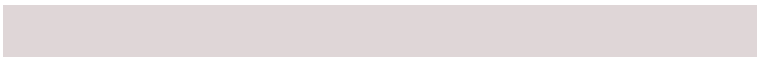
The Sweet Spot groups the original color and five complimentary colors.



221.3870, 3.1640, -2.2760



254.6580, 0.9630, -0.9330



216.8050, 5.0430, 2.2190



127.1850, 0.9170, -0.0990



0.0000, 0.0000, 0.0000



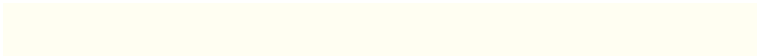
128.0000, -0.0000, -0.0000

Same Dimension

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



221.3870, 3.1640, -2.2760



252.9310, 4.4480, -3.5200



221.0770, 1.1010, -3.4350



110.6150, 2.5220, -1.6540



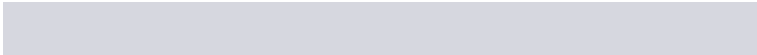
144.1960, 61.9960, -44.2760



39.5930, 16.7830, -12.3130

Inverse Universe

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



215.6130, -3.1640, 2.2760



244.6560, -4.7230, 2.9970



215.9230, -1.1010, 3.4350



106.3850, -2.5220, 1.6540



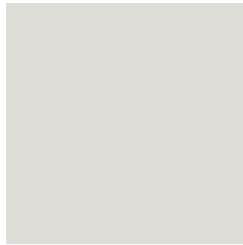
31.2170, -61.7210, 44.7990



8.4070, -16.7830, 12.3130

Previews

White Background



This preview shows how the YIQ color 221.3870, 3.1640, -2.2760 looks on a white background.

Color Contrast Check

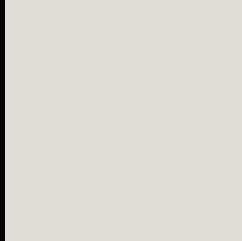
Large Text (above 18pt) WCAG AA × Fail

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 221.3870, 3.1640, -2.2760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

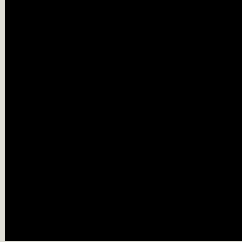
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

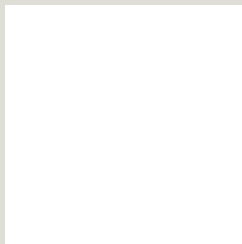
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 221.3870, 3.1640, -2.2760

Background



This preview shows how black text looks on a background with the YIQ color 221.3870, 3.1640, -2.2760.



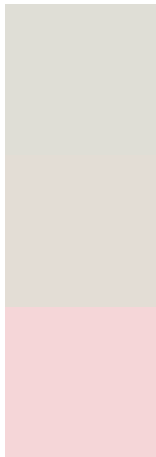
This preview shows how white text looks on a background with the YIQ color 221.3870, 3.1640,

-2.2760.

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

221.3870, 3.1640, -2.2760

Protanopia

221.8820, 6.1440, -1.2160

Deuteranopia

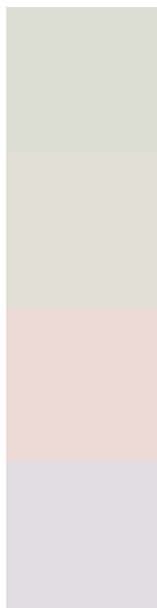
223.4970, 17.8340, 7.1940



Tritanopia

223.0310, -1.2850, 6.7710

Trichromacy



Original Color

221.3870, 3.1640, -2.2760

Protanomaly

221.5830, 5.5480, -1.4280

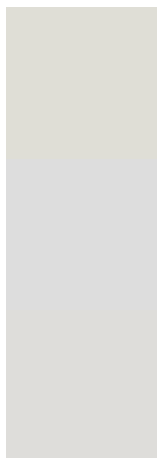
Deuteranomaly

222.7520, 12.5620, 3.6180

Tritanomaly

222.4070, 0.4120, 3.5480

Monochromacy



Original Color

221.3870, 3.1640, -2.2760

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.9570, 1.5590, -0.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.3870, 3.1640, -2.2760 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(223, 222, 214)` looks like.

```
.text, #text, p{  
    color:rgb(223, 222, 214)  
}
```

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(223, 222, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 222, 214) }
```

Border

The CSS property to change the border of an element to YIQ 221.3870, 3.1640, -2.2760 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(223, 222, 214) }
```


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

```
.border{ border-color:rgb(223, 222, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 222, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 222, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 222, 214);  
box-shadow:4px 4px 4px 4px rgb(223, 222,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 221.3870, 3.1640, -2.2760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 222, 214) }
```

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

```
.background{ background-color: rgb(223,  
222, 214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor