

Converting Colors

YIQ(221.6850, 13.5280,
-13.8960)

Have a look what the booklet for
YIQ(221.6850, 13.5280, -13.8960)
contains.

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Color

**YIQ(221.6850, 13.5280,
-13.8960)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E3B7
RGB	226, 227, 183
RGB Percent	89%, 89%, 72%
CMY	0.1138, 0.1098, 0.2823
CMYK	0.00, 0.00, 0.19, 0.11
HSL	61°, 44%, 80%
HSV	61°, 19%, 89%
XYZ	67.3804, 74.5257, 55.6455
YIQ	221.6850, 13.5280, -13.8960

Conversions

Conversions Part 2

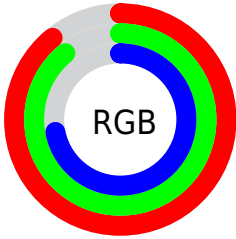
Format	Color
R_{YB}	183, 227, 184
Decimal	14869431
CIE _{Lab}	89.17, -7.49, 21.43
CIE _{LCh}	89, 22.698, 109.271
Yxy	74.5257, 0.3411, 0.3772
Android (android.graphics.Color)	4293059511 (0xFFE2E3B7)
YUV	221.6850, -19.0717, 3.7843
Hunter-Lab	86.3283, -11.7528, 22.2126

Details

The YIQ color $221.6850, 13.5280, -13.8960$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $188.3150, -13.5280, 13.8960$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.1760, 5.1360, -4.9760$, and $166.6140, 12.2900, -13.4860$ is the 20% darker color. If you saturate the color by 10%, you get $218.7640, 20.3150, -21.2610$, and if you desaturate by 10%, it is $224.6060, 6.7410, -6.5310$.

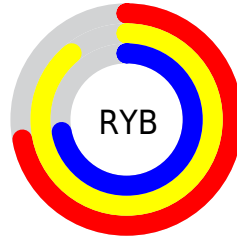
Distribution



Red (89%)

Green (89%)

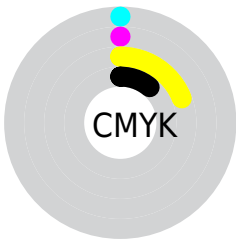
Blue (72%)



Red (72%)

Yellow (89%)

Blue (72%)

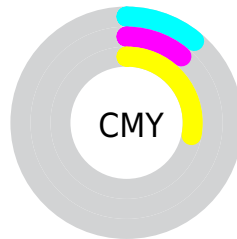


Cyan (0%)

Magenta (0%)

Yellow (19%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.6850, 13.5280, -13.8960 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 221.6850, 13.5280, -13.8960 by changing the saturation by 10% instead.

■ 221.6850, 13.5280,
-13.8960

■ 221.6850, 13.5280,
-13.8960

255.0000, -0.0000,
-0.0000

■ 193.7990, 13.2070,
-13.5850

■ 253.1760, 5.1360,
-4.9760

■ 166.6140, 12.2900,
-13.4860

■ 140.1410, 12.2440,
-12.6520

■ 114.8420, 11.6480,
-12.8640

■ 90.0700, 11.0060,
-12.2420

■ 66.2980, 10.3640,
-11.6200

■ 43.9990, 9.7680,

-11.8320

■ 23.9110, 7.2000,
-9.3440

■ 0.0000, 0.0000,
0.0000

■ 221.6850, 13.5280,
-13.8960

■ 221.6850, 13.5280,
-13.8960

■ 218.7640, 20.3150,
-21.2610

■ 224.6060, 6.7410,
-6.5310

■ 216.2560, 27.3770,
-28.1030

■ 227.1140, -0.3210,
0.3110

■ 213.3350, 34.1640,
-35.4680

■ 230.0350, -7.1080,
7.6760

■ 210.7130, 41.5470,
-42.6210

■ 230.4910, -8.3920,
8.9200

■ 207.9060, 48.0130,
-49.6750

■ 230.7900, -7.7960,
9.1320

■ 205.2840, 55.3960,
-56.8280

■ 231.0890, -7.2000,
9.3440

■ 202.3630, 62.1830,
-64.1930

■ 231.3880, -6.6040,
9.5560

■ 199.7410, 69.5660,
-71.3460

■ 199.6270, 69.8870,
-71.6570

Harmonies

Analogous

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



224.0400, 28.8860, -5.8820



221.6850, 13.5280, -13.8960



219.1000, -6.8740, -18.6020

Triad

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



221.6850, 13.5280, -13.8960



217.2580, -44.8850, -7.0370



226.0770, 19.4370, 16.6930

Complementary

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



221.6850, 13.5280, -13.8960



188.3150, -13.5280, 13.8960

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.



227.6010, 6.2780, 18.3900



221.6850, 13.5280, -13.8960



219.7160, -31.3150, 0.3410

Square

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



221.6850, 13.5280, -13.8960



215.1840, -42.0410, -14.5290



223.9790, -12.7020, 9.9380



222.9820, 26.7740, 10.3740

Rectangle

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



221.6850, 13.5280, -13.8960



217.2710, -20.5370, -18.7850



223.9790, -12.7020, 9.9380



227.4620, 16.9150, 18.3470

Sweetspot

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



221.6850, 13.5280, -13.8960



253.2900, 4.8150, -4.6650



196.7430, 25.9490, 8.8050



126.6750, 2.2930, -3.0110



0.0000, 0.0000, 0.0000



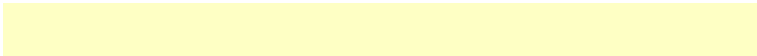
128.0000, -0.0000, -0.0000

Same Dimension

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



221.6850, 13.5280, -13.8960



247.9750, 18.3430, -18.5610



215.1070, 0.4160, -18.5600



113.3330, 3.2560, -3.9440



157.0990, 54.4790, -56.7290



44.8870, 15.7750, -16.0730

Inverse Universe

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



188.3150, -13.5280, 13.8960



203.3240, -17.7470, 18.7730



194.8930, -0.4160, 18.5600



104.6670, -3.2560, 3.9440



21.6020, -55.0750, 56.5170



6.1130, -15.7750, 16.0730

Previews

White Background



This preview shows how the YIQ color 221.6850, 13.5280, -13.8960 looks on a white background.

Color Contrast Check

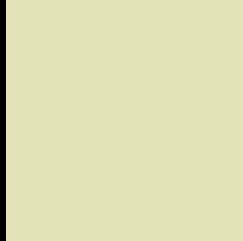
Large Text (above 18pt) WCAG AA × Fail

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 221.6850, 13.5280, -13.8960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

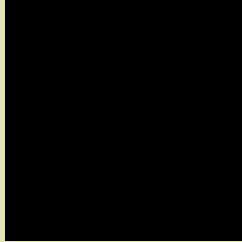
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

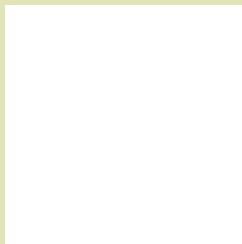
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 221.6850, 13.5280, -13.8960

Background



This preview shows how black text looks on a background with the YIQ color 221.6850, 13.5280, -13.8960.



This preview shows how white text looks on a background with the YIQ color 221.6850, 13.5280, -13.8960.

-13.8960.

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

221.6850, 13.5280, -13.8960

Protanopia

222.3980, 21.8260, -10.0940

Deuteranopia

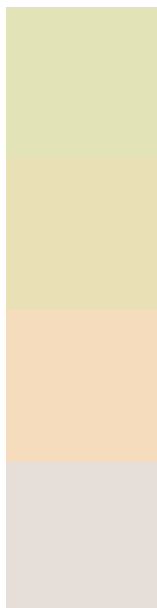
224.8110, 31.2690, 0.4930



Tritanopia

225.8250, 2.2910, 8.0430

Trichromacy



Original Color

221.6850, 13.5280, -13.8960

Protanomaly

221.9030, 18.8460, -11.1540

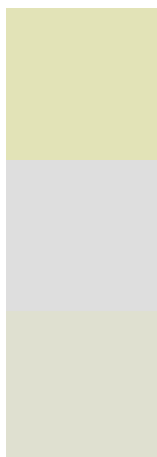
Deuteranomaly

223.5280, 24.5760, -4.8640

Tritanomaly

224.4090, 6.0980, -0.3820

Monochromacy



Original Color

221.6850, 13.5280, -13.8960

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

221.8770, 4.5400, -5.1880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.6850, 13.5280, -13.8960 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, 227, 183)` looks like.

```
.text, #text, p{  
    color:rgb(226, 227, 183)  
}
```

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, 227, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 227, 183) }
```

Border

The CSS property to change the border of an element to YIQ 221.6850, 13.5280, -13.8960 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, 227, 183) }
```


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

```
.border{ border-color:rgb(226, 227, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 227, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 227, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 227, 183); box-shadow:4px 4px 4px 4px rgb(226, 227, 183) }
```

Background

The CSS property to change the background color of an element to YIQ 221.6850, 13.5280, -13.8960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 227, 183) }
```

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

```
.background{ background-color: rgb(226,  
227, 183) }
```

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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