

Converting Colors

YIQ(219.9460, 17.2870,
-10.4330)

Have a look what the booklet for
YIQ(219.9460, 17.2870, -10.4330)
contains.

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Color

**YIQ(219.9460, 17.2870,
-10.4330)**

Conversions

Conversions Part 1

Format	Color
Hex	E6DEB7
RGB	230, 222, 183
RGB Percent	90%, 87%, 72%
CMY	0.0980, 0.1294, 0.2822
CMYK	0.00, 0.03, 0.20, 0.10
HSL	50°, 48%, 81%
HSV	50°, 20%, 90%
XYZ	67.3029, 72.4834, 55.2570
YIQ	219.9460, 17.2870, -10.4330

Conversions

Conversions Part 2

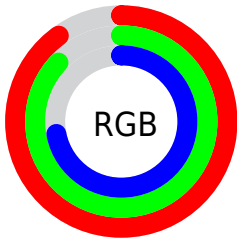
Format	Color
R _Y B	193, 230, 183
Decimal	15130295
CIE Lab	88.20, -3.48, 20.13
CIE LCh	88, 20.427, 99.818
Yxy	72.4834, 0.3451, 0.3716
Android (android.graphics.Color)	4293320375 (0xFFE6DEB7)
YUV	219.9460, -18.2144, 8.8174
Hunter-Lab	85.1372, -7.8817, 21.1148

Details

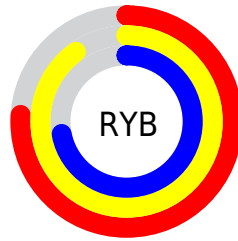
The YIQ color $219.9460, 17.2870, -10.4330$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $193.0540, -17.2870, 10.4330$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.1760, 5.1360, -4.9760$, and $164.8750, 16.0490, -10.0230$ is the 20% darker color. If you saturate the color by 10%, you get $214.9760, 25.7700, -15.4940$, and if you desaturate by 10%, it is $224.9160, 8.8040, -5.3720$.

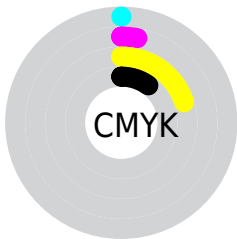
Distribution



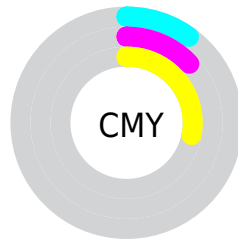
- Red (90%)
- Green (87%)
- Blue (72%)



- Red (76%)
- Yellow (90%)
- Blue (72%)



- Cyan (0%)
- Magenta (3%)
- Yellow (20%)
- Black (10%)



- Cyan (10%)
- Magenta (13%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.9460, 17.2870, -10.4330 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 219.9460, 17.2870, -10.4330 by changing the saturation by 10% instead.

■ 219.9460, 17.2870,
-10.4330

■ 219.9460, 17.2870,
-10.4330

255.0000, -0.0000,
-0.0000

■ 192.0600, 16.9660,
-10.1220

■ 253.1760, 5.1360,
-4.9760

■ 164.8750, 16.0490,
-10.0230

■ 138.6900, 15.1320,
-9.9240

■ 112.8040, 14.8110,
-9.6130

■ 88.6190, 13.8940,
-9.5140

■ 64.8470, 13.2520,
-8.8920

■ 42.6620, 12.3350,

-8.7930

■ 22.7480, 9.2170,
-7.3510

■ 0.0000, 0.0000,
0.0000

■ 219.9460, 17.2870,
-10.4330

■ 219.9460, 17.2870,
-10.4330

■ 214.9760, 25.7700,
-15.4940

■ 224.9160, 8.8040,
-5.3720

■ 210.0060, 34.2530,
-20.5550

■ 229.8860, 0.3210,
-0.3110

■ 205.0360, 42.7360,
-25.6160

■ 234.8560, -8.1620,
4.7500

■ 200.0660, 51.2190,
-30.6770

■ 237.5460,
-10.2250, 3.5910

■ 195.0960, 59.7020,
-35.7380

■ 239.8940,
-11.3250, 1.4990

■ 190.7130, 67.9100,
-41.3220

■ 241.6550,
-12.1500, -0.0700

■ 185.7430, 76.3930,
-46.3830

■ 244.0030,
-13.2500, -2.1620

■ 180.8870, 84.5550,
-51.1330

■ 246.3510,
-14.3500, -4.2540

■ 247.5250,
-14.9000, -5.3000

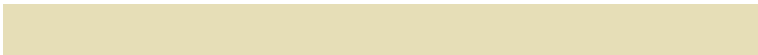
Harmonies

Analogous

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



222.3330, 29.6190, -2.6450



219.9460, 17.2870, -10.4330



217.8020, -0.0430, -15.7470

Triad

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



219.9460, 17.2870, -10.4330



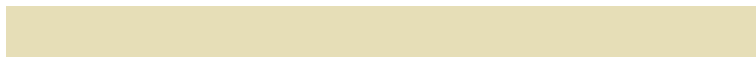
214.6560, -40.2540, -8.3660



224.8210, 17.2820, 17.2020

Complementary

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



219.9460, 17.2870, -10.4330



193.0540, -17.2870, 10.4330

Split Complementary

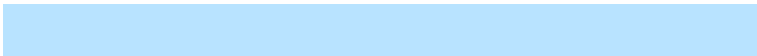
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.8990, -0.5530, 15.5350



219.9460, 17.2870, -10.4330



217.3350, -34.6160, -0.4080

Square

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



219.9460, 17.2870, -10.4330



214.0770, -34.4300, -14.7980



220.9890, -18.6620, 7.8180



222.8510, 25.7650, 12.1410

Rectangle

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



219.9460, 17.2870, -10.4330



216.2180, -13.0180, -17.3860



220.9890, -18.6620, 7.8180



225.1840, 11.8260, 16.9620

Sweetspot

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



219.9460, 17.2870, -10.4330



251.5290, 5.6400, -3.0960



198.0790, 25.1230, 12.7630



125.8000, 3.4390, -1.7530



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.



219.9460, 17.2870, -10.4330



241.2470, 23.5690, -14.1510



220.1570, 6.1470, -17.7970



112.4580, 4.4020, -2.6860



140.3970, 65.9840, -39.4560



39.9030, 18.8460, -11.1540

Inverse Universe

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



193.0540, -17.2870, 10.4330



204.7530, -23.5690, 14.1510



192.8430, -6.1470, 17.7970



105.5420, -4.4020, 2.6860



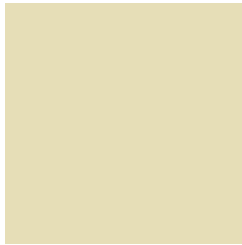
38.0160, -65.7090, 39.9790



11.0970, -18.8460, 11.1540

Previews

White Background



This preview shows how the YIQ color 219.9460, 17.2870, -10.4330 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 219.9460, 17.2870, -10.4330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

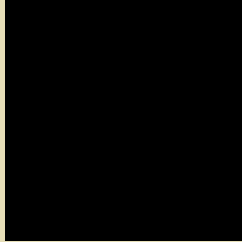
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

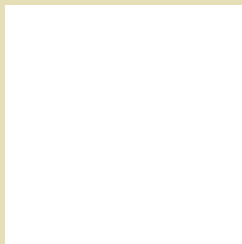
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 219.9460, 17.2870, -10.4330

Background



This preview shows how black text looks on a background with the YIQ color 219.9460, 17.2870, -10.4330.



This preview shows how white text looks on a background with the YIQ color 219.9460, 17.2870, -10.4330.

-10.4330.

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

219.9460, 17.2870, -10.4330

Protanopia

220.4410, 20.2670, -9.3730

Deuteranopia

222.3660, 34.0200, 0.1960



Tritanopia

223.2170, 7.0590, 9.7390

Trichromacy



Original Color

219.9460, 17.2870, -10.4330

Protanomaly

220.1420, 19.6710, -9.5850

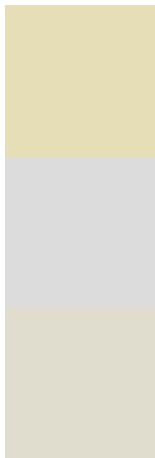
Deuteranomaly

221.3220, 28.1520, -3.5920

Tritanomaly

222.3280, 10.8200, 2.1480

Monochromacy



Original Color

219.9460, 17.2870, -10.4330

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.3010, 6.2820, -3.7180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.9460, 17.2870, -10.4330 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(230, 222, 183)` looks like.

```
.text, #text, p{  
    color:rgb(230, 222, 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(230, 222, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 222, 183) }
```

Border

The CSS property to change the border of an element to YIQ 219.9460, 17.2870, -10.4330 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(230, 222, 183) }
```


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

```
.border{ border-color:rgb(230, 222, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 222, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 222, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 222, 183);  
box-shadow:4px 4px 4px 4px rgb(230, 222,  
183) }
```

Background

The CSS property to change the background color of an element to YIQ 219.9460, 17.2870, -10.4330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 222, 183) }
```

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

```
.background{ background-color: rgb(230,  
222, 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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