

Converting Colors

YIQ(226.9340, 17.5610, -4.3830)

Have a look what the booklet for
YIQ(226.9340, 17.5610, -4.3830)
contains.

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Color

**YIQ(226.9340, 17.5610,
-4.3830)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E1C8
RGB	241, 225, 200
RGB Percent	95%, 88%, 78%
CMY	0.0549, 0.1177, 0.2156
CMYK	0.00, 0.07, 0.17, 0.05
HSL	37°, 59%, 86%
HSV	37°, 17%, 95%
XYZ	73.6289, 76.7197, 65.5852
YIQ	226.9340, 17.5610, -4.3830

Conversions

Conversions Part 2

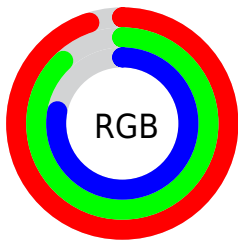
Format	Color
R _Y B	226, 241, 200
Decimal	15851976
CIE Lab	90.19, 1.48, 14.18
CIE LCh	90, 14.261, 84.047
Yxy	76.7197, 0.3410, 0.3553
Android (android.graphics.Color)	4294042056 (0xFFFF1E1C8)
YUV	226.9340, -13.2785, 12.3359
Hunter-Lab	87.5898, -3.2331, 16.9179

Details

The YIQ color $226.9340, 17.5610, -4.3830$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $214.0660, -17.5610, 4.3830$, and the grayscale version is $227.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $171.7490, 16.6440, -4.2840$ is the 20% darker color. If you saturate the color by 10%, you get $218.9150, 27.7400, -7.1400$, and if you desaturate by 10%, it is $234.9530, 7.3820, -1.6260$.

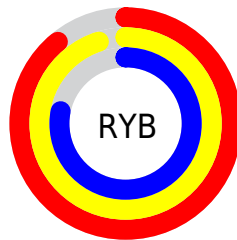
Distribution



Red (95%)

Green (88%)

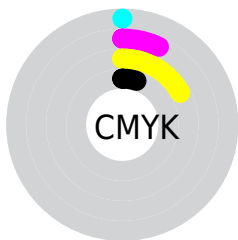
Blue (78%)



Red (89%)

Yellow (95%)

Blue (78%)

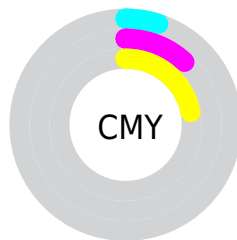


Cyan (0%)

Magenta (7%)

Yellow (17%)

Black (5%)



Cyan (5%)

Magenta (12%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.9340, 17.5610, -4.3830 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 226.9340, 17.5610, -4.3830 by changing the saturation by 10% instead.

■ 226.9340, 17.5610,
-4.3830

■ 226.9340, 17.5610,
-4.3830

255.0000, -0.0000,
-0.0000

■ 199.0480, 17.2400,
-4.0720

■ 171.7490, 16.6440,
-4.2840

■ 144.8630, 16.3230,
-3.9730

■ 119.2650, 15.1310,
-4.3970

■ 94.4930, 14.4890,
-3.7750

■ 70.8950, 13.2970,
-4.1990

■ 48.1230, 12.6550,

-3.5770

■ 26.9550, 13.0680,
-5.5560

■ 1.4950, 2.9800,
1.0600

■ 226.9340, 17.5610,
-4.3830

■ 226.9340, 17.5610,
-4.3830

■ 218.9150, 27.7400,
-7.1400

■ 234.9530, 7.3820,
-1.6260

■ 210.3090, 38.1940,
-9.3740

■ 243.5590, -3.0720,
0.6080

■ 202.2900, 48.3730,
-12.1310

■ 249.6400, -7.7940,
-1.9220

■ 193.6840, 58.8270,
-14.3650

■ 250.8140, -8.3440,
-2.9680

■ 185.6650, 69.0060,
-17.1220

■ 177.5320, 79.5060,
-20.1900

■ 168.9260, 89.9600,
-22.4240

■ 160.9070,
100.1390, -25.1810

■ 158.3480,
103.2110, -25.7890

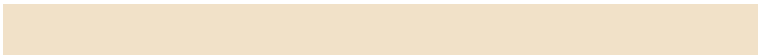
Harmonies

Analogous

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



228.4450, 23.6120, 1.5960



226.9340, 17.5610, -4.3830



225.0250, 6.8790, -9.0330

Triad

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



226.9340, 17.5610, -4.3830



222.6700, -25.6740, -8.2820



229.2000, 5.7290, 11.8170

Complementary

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



226.9340, 17.5610, -4.3830



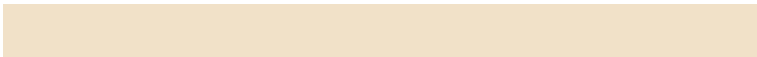
214.0660, -17.5610, 4.3830

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.



227.7900, -7.7960, 9.1320



226.9340, 17.5610, -4.3830



223.9460, -26.2710, -2.9670

Square

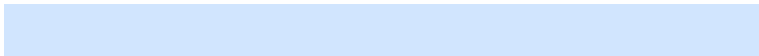
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.9340, 17.5610, -4.3830



222.6830, -18.5210, -11.2650



225.8700, -19.9450, 3.5350



229.8330, 17.0080, 11.1520

Rectangle

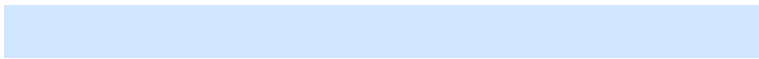
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



226.9340, 17.5610, -4.3830



224.0670, -2.1070, -11.3790



225.8700, -19.9450, 3.5350



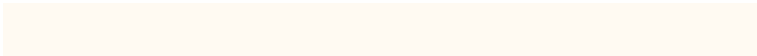
228.7480, 1.1900, 11.4780

Sweetspot

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



226.9340, 17.5610, -4.3830



250.5830, 5.5480, -1.4280



214.0830, 19.3000, 13.6680



125.3270, 3.3930, -0.9190



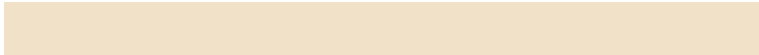
0.0000, 0.0000, 0.0000



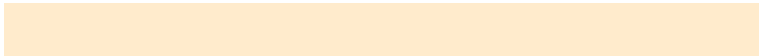
128.0000, -0.0000, -0.0000

Same Dimension

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



226.9340, 17.5610, -4.3830



237.4460, 21.8710, -5.4010



235.1300, 10.7770, -13.5990



115.6970, 5.2270, -1.1170



120.7600, 78.8640, -19.5680



36.7020, 24.0260, -5.9100

Inverse Universe

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



214.0660, -17.5610, 4.3830



221.5540, -21.8710, 5.4010



205.8700, -10.7770, 13.5990



112.3030, -5.2270, 1.1170



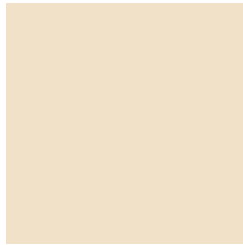
63.2400, -78.8640, 19.5680



19.2980, -24.0260, 5.9100

Previews

White Background



This preview shows how the YIQ color 226.9340, 17.5610, -4.3830 looks on a white background.

Color Contrast Check

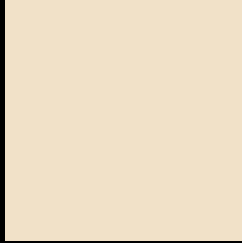
Large Text (above 18pt) WCAG AA × Fail

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 226.9340, 17.5610, -4.3830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

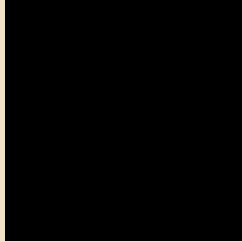
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 226.9340, 17.5610, -4.3830

Background



This preview shows how black text looks on a background with the YIQ color 226.9340, 17.5610, -4.3830.



This preview shows how white text looks on a background with the YIQ color 226.9340, 17.5610,

-4.3830.

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

226.9340, 17.5610, -4.3830

Protanopia

226.4390, 14.5810, -5.4430

Deuteranopia

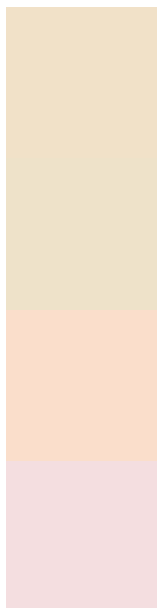
228.6410, 25.9960, 2.4440



Tritanopia

229.7120, 10.0390, 10.7990

Trichromacy



Original Color

226.9340, 17.5610, -4.3830

Protanomaly

226.7380, 15.1770, -5.2310

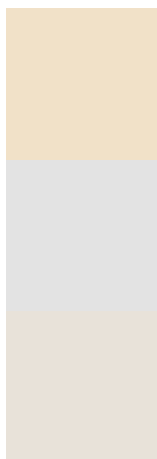
Deuteranomaly

228.2060, 22.7870, 0.0270

Tritanomaly

228.8060, 12.4700, 5.2860

Monochromacy



Original Color

226.9340, 17.5610, -4.3830

Achromatopsia

227.0000, -0.0000, -0.0000

Achromatomaly

226.7680, 6.4650, -1.5270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.9340, 17.5610, -4.3830 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(241, 225, 200)` looks like.

```
.text, #text, p{  
    color:rgb(241, 225, 200)  
}
```

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(241, 225, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 225, 200) }
```

Border

The CSS property to change the border of an element to YIQ 226.9340, 17.5610, -4.3830 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(241, 225, 200) }
```


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

```
.border{ border-color:rgb(241, 225, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 225, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 225, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 225, 200);  
box-shadow:4px 4px 4px 4px rgb(241, 225,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 226.9340, 17.5610, -4.3830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 225, 200) }
```

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

```
.background{ background-color: rgb(241,  
225, 200) }
```

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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