

Converting Colors

YIQ(228.8940, 23.0650,
-16.0310)

Have a look what the booklet for
YIQ(228.8940, 23.0650, -16.0310)
contains.

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Color

**YIQ(228.8940, 23.0650,
-16.0310)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E9B0
RGB	241, 233, 176
RGB Percent	95%, 91%, 69%
CMY	0.0549, 0.0863, 0.3097
CMYK	0.00, 0.03, 0.27, 0.05
HSL	53°, 70%, 82%
HSV	53°, 27%, 95%
XYZ	73.2520, 80.1118, 52.6946
YIQ	228.8940, 23.0650, -16.0310

Conversions

Conversions Part 2

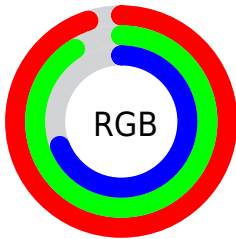
Format	Color
R_{YB}	185, 241, 176
Decimal	15854000
CIE _{Lab}	91.74, -5.95, 28.73
CIE _{LCh}	92, 29.337, 101.711
Yxy	80.1118, 0.3555, 0.3888
Android (android.graphics.Color)	4294044080 (0xFFFF1E9B0)
YUV	228.8940, -26.0767, 10.6170
Hunter-Lab	89.5052, -10.5478, 27.7477

Details

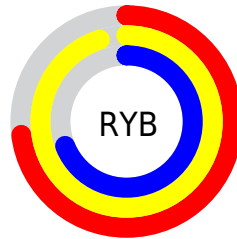
The YIQ color $228.8940, 23.0650, -16.0310$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $188.1060, -23.0650, 16.0310$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $252.3780, 7.3830, -7.1530$, and $172.9370, 21.5060, -15.3100$ is the 20% darker color. If you saturate the color by 10%, you get $224.3970, 31.5940, -21.9260$, and if you desaturate by 10%, it is $233.3910, 14.5360, -10.1360$.

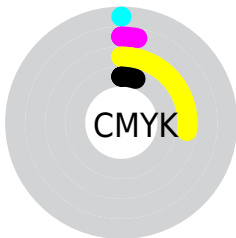
Distribution



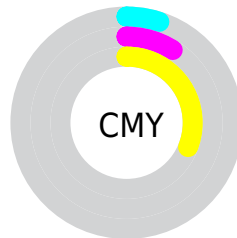
- Red (95%)
- Green (91%)
- Blue (69%)



- Red (73%)
- Yellow (95%)
- Blue (69%)



- Cyan (0%)
- Magenta (3%)
- Yellow (27%)
- Black (5%)



- Cyan (5%)
- Magenta (9%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.8940, 23.0650, -16.0310 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 228.8940, 23.0650, -16.0310 by changing the saturation by 10% instead.

■ 228.8940, 23.0650,
-16.0310

■ 228.8940, 23.0650,
-16.0310

255.0000, -0.0000,
-0.0000

■ 200.7090, 22.1480,
-15.9320

■ 252.3780, 7.3830,
-7.1530

■ 172.9370, 21.5060,
-15.3100

■ 146.7520, 20.5890,
-15.2110

■ 120.5670, 19.6720,
-15.1120

■ 95.4960, 18.4340,
-14.7020

■ 71.4250, 17.1960,
-14.2920

■ 48.5990, 16.6460,

-15.3380

■ 29.2380, 10.5930,
-10.2630

■ 6.4570, -3.0250,
-5.7530

■ 228.8940, 23.0650,
-16.0310

■ 228.8940, 23.0650,
-16.0310

■ 224.3970, 31.5940,
-21.9260

■ 233.3910, 14.5360,
-10.1360

■ 219.9000, 40.1230,
-27.8210

■ 237.8880, 6.0070,
-4.2410

■ 215.4030, 48.6520,
-33.7160

■ 242.3850, -2.5220,
1.6540

■ 210.9060, 57.1810,
-39.6110

■ 244.9440, -5.5940,
2.2620

■ 206.4090, 65.7100,
-45.5060

■ 246.7050, -6.4190,
0.6930

■ 201.7980, 74.5600,
-51.7120

■ 248.4660, -7.2440,
-0.8760

■ 197.3010, 83.0890,
-57.6070

■ 250.2270, -8.0690,
-2.4450

■ 195.9160, 85.6110,
-59.2610

■ 250.8140, -8.3440,
-2.9680

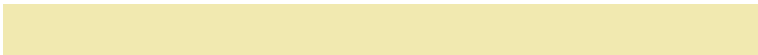
Harmonies

Analogous

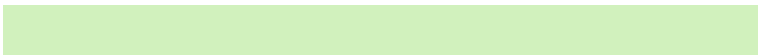
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.0250, 33.2420, -7.7340



228.8940, 23.0650, -16.0310



225.5040, -2.3800, -22.9560

Triad

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



228.8940, 23.0650, -16.0310



218.3330, -58.6380, -16.6060



229.7760, 13.1550, 20.4110

Complementary

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



228.8940, 23.0650, -16.0310



188.1060, -23.0650, 16.0310

Split Complementary

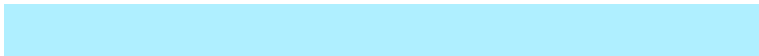
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.9600, 6.6450, 17.2450



228.8940, 23.0650, -16.0310



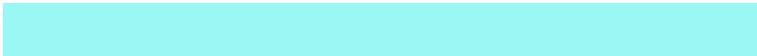
221.6880, -43.2800, -8.5920

Square

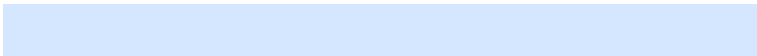
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.8940, 23.0650, -16.0310



218.9220, -53.2270, -21.0590



227.7670, -18.1570, 4.1710



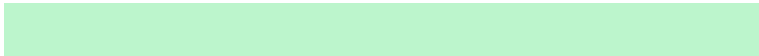
225.2960, 23.0140, 12.4380

Rectangle

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



228.8940, 23.0650, -16.0310



223.2830, -20.8110, -24.8350



227.7670, -18.1570, 4.1710



231.5200, 11.0000, 20.9200

Sweetspot

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



228.8940, 23.0650, -16.0310



250.9590, 7.2450, -4.6510



196.4610, 35.8510, 16.5790



125.3440, 4.7230, -2.9970



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.



228.8940, 23.0650, -16.0310



239.7820, 29.0720, -20.2720



226.4140, 6.5610, -25.3030



117.4580, 4.4020, -2.6860



149.5230, 65.3890, -45.1950



45.5070, 19.9010, -13.7550

Inverse Universe

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



188.1060, -23.0650, 16.0310



188.2180, -29.0720, 20.2720



190.5860, -6.5610, 25.3030



109.9550, -4.1270, 3.2090



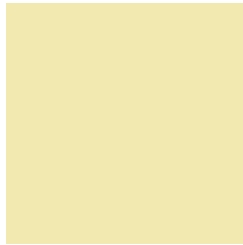
34.4770, -65.3890, 45.1950



10.4930, -19.9010, 13.7550

Previews

White Background



This preview shows how the YIQ color 228.8940, 23.0650, -16.0310 looks on a white background.

Color Contrast Check

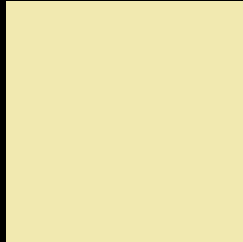
Large Text (above 18pt) WCAG AA × Fail

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 228.8940, 23.0650, -16.0310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

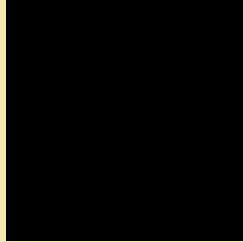
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 228.8940, 23.0650, -16.0310

Background



This preview shows how black text looks on a background with the YIQ color 228.8940, 23.0650, -16.0310.



This preview shows how white text looks on a background with the YIQ color 228.8940, 23.0650, -16.0310.

-16.0310.

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

228.8940, 23.0650, -16.0310

Protanopia

229.4000, 27.5120, -14.0240

Deuteranopia

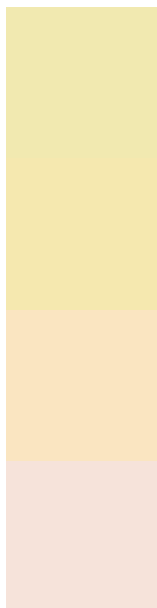
232.0490, 24.6670, -1.0050



Tritanopia

233.5270, 9.1220, 10.8980

Trichromacy



Original Color

228.8940, 23.0650, -16.0310

Protanomaly

229.3890, 26.0450, -14.9710

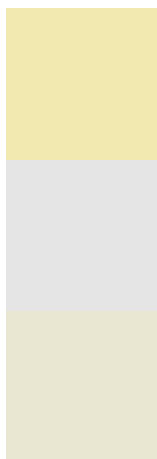
Deuteranomaly

231.1750, 24.0720, -6.7440

Tritanomaly

231.6550, 14.2130, 1.2290

Monochromacy



Original Color

228.8940, 23.0650, -16.0310

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

228.6170, 8.2080, -5.5840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.8940, 23.0650, -16.0310 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, 233, 176)` looks like.

```
.text, #text, p{  
    color:rgb(241, 233, 176)  
}
```

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, 233, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 233, 176) }
```

Border

The CSS property to change the border of an element to YIQ 228.8940, 23.0650, -16.0310 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, 233, 176) }
```


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

```
.border{ border-color:rgb(241, 233, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 233, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 233, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 233, 176);  
box-shadow:4px 4px 4px 4px rgb(241, 233,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 228.8940, 23.0650, -16.0310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 233, 176) }
```

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

```
.background{ background-color: rgb(241,  
233, 176) }
```

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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