

Converting Colors

YIQ(223.8580, 31.9140,
-16.7100)

Have a look what the booklet for
YIQ(223.8580, 31.9140, -16.7100)
contains.

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Color

**YIQ(223.8580, 31.9140,
-16.7100)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E2A0
RGB	244, 226, 160
RGB Percent	96%, 89%, 63%
CMY	0.0431, 0.1137, 0.3724
CMYK	0.00, 0.07, 0.34, 0.04
HSL	47°, 79%, 79%
HSV	47°, 34%, 96%
XYZ	70.8518, 76.1613, 44.2448
YIQ	223.8580, 31.9140, -16.7100

Conversions

Conversions Part 2

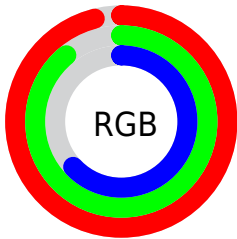
Format	Color
R _Y B	183, 244, 160
Decimal	16048800
CIE Lab	89.93, -3.26, 34.51
CIE LCh	90, 34.661, 95.389
Yxy	76.1613, 0.3705, 0.3982
Android (android.graphics.Color)	4294238880 (0xFFFF4E2A0)
YUV	223.8580, -31.4820, 17.6645
Hunter-Lab	87.2705, -7.8055, 31.0302

Details

The YIQ color **223.8580, 31.9140, -16.7100** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **180.1420, -31.9140, 16.7100**, and the grayscale version is **224.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **250.4400, 12.8400, -12.4400**, and **168.6020, 29.7590, -16.2010** is the 20% darker color. If you saturate the color by 10%, you get **218.1870, 40.9930, -21.5590**, and if you desaturate by 10%, it is **229.5290, 22.8350, -11.8610**.

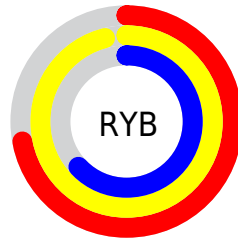
Distribution



Red (96%)

Green (89%)

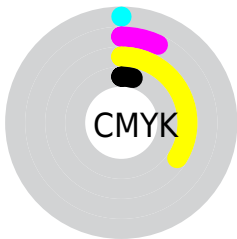
Blue (63%)



Red (72%)

Yellow (96%)

Blue (63%)

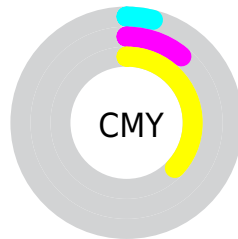


Cyan (0%)

Magenta (7%)

Yellow (34%)

Black (4%)



Cyan (4%)

Magenta (11%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.8580, 31.9140, -16.7100 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 223.8580, 31.9140, -16.7100 by changing the saturation by 10% instead.

■ 223.8580, 31.9140,
-16.7100

■ 223.8580, 31.9140,
-16.7100

■ 255.0000, -0.0000,
-0.0000

■ 195.7870, 30.6760,
-16.3000

■ 250.4400, 12.8400,
-12.4400

■ 168.6020, 29.7590,
-16.2010

■ 253.7460, 3.5310,
-3.4210

■ 141.5310, 28.5210,
-15.7910

■ 116.0470, 27.0080,
-15.9040

■ 90.8620, 26.0910,
-15.8050

■ 66.8510, 24.6240,
-16.7520

■ 44.9200, 20.1760,

-13.2320

■ 26.0040, 11.3720,
-7.8600

■ 0.0000, 0.0000,
0.0000

■ 223.8580, 31.9140,
-16.7100

■ 223.8580, 31.9140,
-16.7100

■ 218.1870, 40.9930,
-21.5590

■ 229.5290, 22.8350,
-11.8610

■ 212.4020, 50.3930,
-26.7190

■ 235.3140, 13.4350,
-6.7010

■ 206.1440, 59.7470,
-31.0450

■ 241.5720, 4.0810,
-2.3750

■ 200.3590, 69.1470,
-36.2050

■ 247.0150, -4.3560,
1.8520

■ 194.6880, 78.2260,
-41.0540

■ 249.9500, -5.7310,
-0.7630

■ 189.0170, 87.3050,
-45.9030

■ 251.7110, -6.5560,
-2.3320

■ 185.6600, 92.6240,
-48.6880

Harmonies

Analogous

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



221.4880, 39.2480, -6.4480



223.8580, 31.9140, -16.7100



220.2180, 4.1770, -26.1510

Triad

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



223.8580, 31.9140, -16.7100



208.7870, -74.7760, -21.4960



226.1230, 13.7960, 25.3160

Complementary

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



223.8580, 31.9140, -16.7100



180.1420, -31.9140, 16.7100

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.



227.3230, 1.1890, 17.0050



223.8580, 31.9140, -16.7100



212.1420, -59.4180, -13.4820

Square

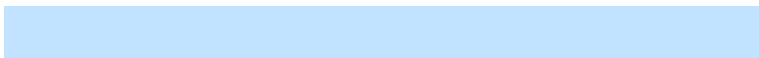
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



223.8580, 31.9140, -16.7100



210.8130, -60.4700, -27.4620



220.0260, -29.2520, 1.5000



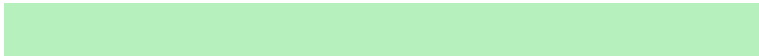
220.0130, 25.4890, 17.1450

Rectangle

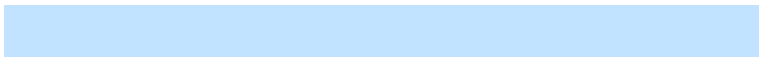
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



223.8580, 31.9140, -16.7100



216.7300, -17.8760, -28.4680



220.0260, -29.2520, 1.5000



227.9980, 12.6500, 24.0580

Sweetspot

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



223.8580, 31.9140, -16.7100



249.2150, 9.4000, -5.1600



187.1680, 44.2860, 23.4060



123.8280, 6.2360, -2.8840



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.



223.8580, 31.9140, -16.7100



230.1160, 39.7550, -21.1490



227.2480, 12.6600, -31.2120



119.4580, 4.4020, -2.6860



141.3160, 70.7060, -36.9260



44.6430, 22.5140, -11.5500

Inverse Universe

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



180.1420, -31.9140, 16.7100



175.4710, -40.0300, 20.6260



176.7520, -12.6600, 31.2120



113.1290, -4.6770, 2.1630



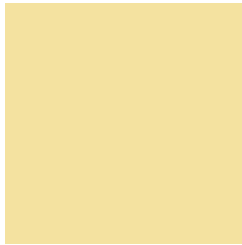
44.6840, -70.7060, 36.9260



14.3570, -22.5140, 11.5500

Previews

White Background



This preview shows how the YIQ color 223.8580, 31.9140, -16.7100 looks on a white background.

Color Contrast Check

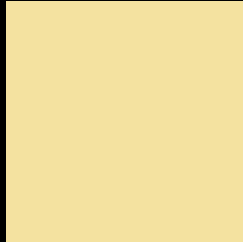
Large Text (above 18pt) WCAG AA × Fail

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 223.8580, 31.9140, -16.7100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

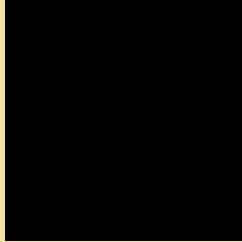
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 223.8580, 31.9140, -16.7100

Background



This preview shows how black text looks on a background with the YIQ color 223.8580, 31.9140, -16.7100.



This preview shows how white text looks on a background with the YIQ color 223.8580, 31.9140, -16.7100.

-16.7100.

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

223.8580, 31.9140, -16.7100

Protanopia

223.8580, 31.9140, -16.7100

Deuteranopia

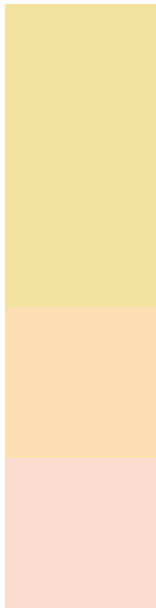
226.7030, 31.4530, -2.8430



Tritanopia

229.2890, 15.7240, 12.3960

Trichromacy



Original Color

223.8580, 31.9140, -16.7100

Protanomaly

223.8580, 31.9140, -16.7100

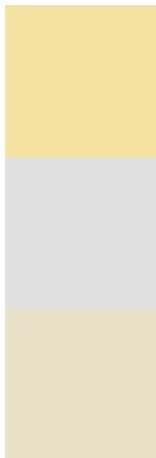
Deuteranomaly

225.5410, 31.7290, -7.8470

Tritanomaly

227.0750, 21.7780, 1.7940

Monochromacy



Original Color

223.8580, 31.9140, -16.7100

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

224.0580, 11.2800, -6.1920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.8580, 31.9140, -16.7100 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(244, 226, 160)` looks like.

```
.text, #text, p{  
    color:rgb(244, 226, 160)  
}
```

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(244, 226, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 226, 160) }
```

Border

The CSS property to change the border of an element to YIQ 223.8580, 31.9140, -16.7100 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(244, 226, 160) }
```


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

```
.border{ border-color:rgb(244, 226, 160) }
```

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

Here you see how a box with a 4 pixel rgb(244, 226, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 226, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 226, 160);  
box-shadow:4px 4px 4px 4px rgb(244, 226,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 223.8580, 31.9140, -16.7100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 226, 160) }
```

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

```
.background{ background-color: rgb(244,  
226, 160) }
```

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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