

Converting Colors

YIQ(226.0140, 31.7750, -8.6810)

Have a look what the booklet for
YIQ(226.0140, 31.7750, -8.6810)
contains.

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Color

**YIQ(226.0140, 31.7750,
-8.6810)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>FBDFB0</code>
RGB	<code>251, 223, 176</code>
RGB Percent	<code>98%, 87%, 69%</code>
CMY	<code>0.0156, 0.1255, 0.3096</code>
CMYK	<code>0.00, 0.11, 0.30, 0.02</code>
HSL	<code>38°, 90%, 84%</code>
HSV	<code>38°, 30%, 98%</code>
XYZ	<code>74.0122, 76.4162, 51.9447</code>
YIQ	<code>226.0140, 31.7750, -8.6810</code>

Conversions

Conversions Part 2

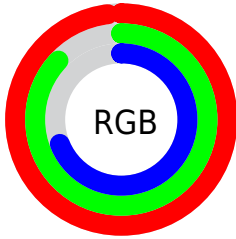
Format	Color
RYB	221, 251, 176
Decimal	16506800
CIELab	90.05, 2.88, 26.57
CIELCh	90, 26.729, 83.817
Yxy	76.4162, 0.3657, 0.3776
Android (android.graphics.Color)	4294696880 (0xFFFFBDFB0)
YUV	226.0140, -24.6569, 21.9127
Hunter-Lab	87.4164, -1.8494, 25.9600

Details

The YIQ color $226.0140, 31.7750, -8.6810$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $200.9860, -31.7750, 8.6810$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.3780, 7.3830, -7.1530$, and $170.6440, 29.9410, -8.4830$ is the 20% darker color. If you saturate the color by 10%, you get $217.8810, 42.2750, -11.7490$, and if you desaturate by 10%, it is $234.1470, 21.2750, -5.6130$.

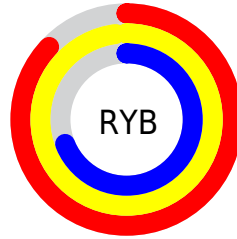
Distribution



Red (98%)

Green (87%)

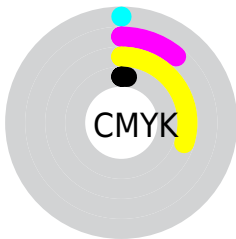
Blue (69%)



Red (87%)

Yellow (98%)

Blue (69%)

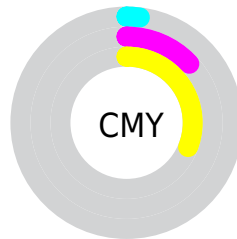


Cyan (0%)

Magenta (11%)

Yellow (30%)

Black (2%)



Cyan (2%)


Magenta (13%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 226.0140, 31.7750, -8.6810 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 226.0140, 31.7750, -8.6810 by changing the saturation by 10% instead.

 226.0140, 31.7750,
-8.6810


 226.0140, 31.7750,
-8.6810


255.0000, -0.0000,
-0.0000


 197.8290, 30.8580,
-8.5820


 252.3780, 7.3830,
-7.1530

 170.6440, 29.9410,
-8.4830

 144.1600, 28.4280,
-8.5960

 118.0890, 27.1900,
-8.1860

 93.3060, 25.0810,
-8.5110

 69.1210, 24.1640,
-8.4120

 46.1100, 22.6970,

-9.3590

■ 26.3360, 16.3690,
-4.8070

■ 2.3920, 4.7680,
1.6960

■ 226.0140, 31.7750,
-8.6810

■ 226.0140, 31.7750,
-8.6810

■ 217.8810, 42.2750,
-11.7490

■ 234.1470, 21.2750,
-5.6130

■ 209.1610, 53.0500,
-14.2940

■ 242.8670, 10.5000,
-3.0680

■ 201.0280, 63.5500,
-17.3620

■ 251.0000, 0.0000,
-0.0000

■ 192.3080, 74.3250,
-19.9070

■ 253.8040, -2.3840,
-0.8480

■ 184.1750, 84.8250,
-22.9750

■ 175.9280, 95.6460,
-26.3540

■ 167.2080,
106.4210, -28.8990

Harmonies

Analogous

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



223.6540, 33.1490, -0.5390



226.0140, 31.7750, -8.6810



222.9790, 12.5200, -17.6560

Triad

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



226.0140, 31.7750, -8.6810



215.8560, -52.8610, -16.6770



230.9330, 11.2750, 21.4430

Complementary

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



226.0140, 31.7750, -8.6810



200.9860, -31.7750, 8.6810

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.



226.3600, -9.4010, 10.6870



226.0140, 31.7750, -8.6810



216.9260, -49.8820, -10.0900

Square

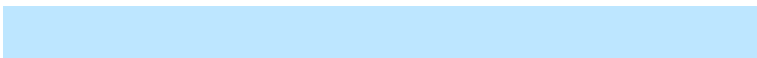
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.0140, 31.7750, -8.6810



217.0780, -36.1710, -21.7950



220.5910, -32.4610, -0.9170



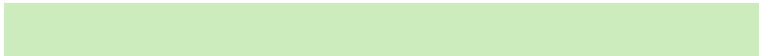
225.4900, 19.7120, 17.2160

Rectangle

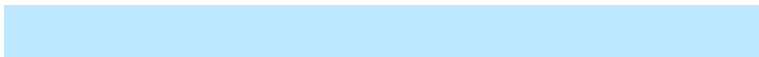
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



226.0140, 31.7750, -8.6810



221.3730, -3.3890, -21.1890



220.5910, -32.4610, -0.9170



229.1170, 4.7650, 18.2770

Sweetspot

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



226.0140, 31.7750, -8.6810



247.0950, 9.8580, -2.4460



201.7310, 35.3910, 24.9190



122.7680, 6.4650, -1.5270



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

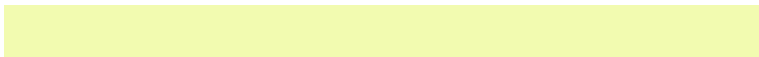
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226.0140, 31.7750, -8.6810



224.5540, 38.8820, -10.8300



239.7590, 18.7110, -25.2330



120.5830, 5.5480, -1.4280



125.7770, 80.1940, -21.6460



40.5450, 25.9060, -6.9420

Inverse Universe

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



200.9860, -31.7750, 8.6810



194.0330, -39.1570, 10.3070



187.2410, -18.7110, 25.2330



116.4170, -5.5480, 1.4280



63.2230, -80.1940, 21.6460



20.4550, -25.9060, 6.9420

Previews

White Background



This preview shows how the YIQ color 226.0140, 31.7750, -8.6810 looks on a white background.

Color Contrast Check

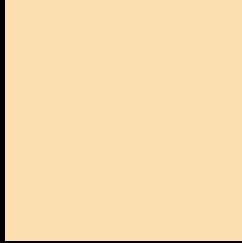
Large Text (above 18pt) WCAG AA × Fail

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 226.0140, 31.7750, -8.6810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

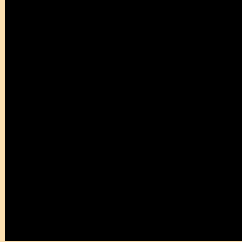
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 226.0140, 31.7750, -8.6810

Background



This preview shows how black text looks on a background with the YIQ color 226.0140, 31.7750, -8.6810.



This preview shows how white text looks on a background with the YIQ color 226.0140, 31.7750, -8.6810.

-8.6810.

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

226.0140, 31.7750, -8.6810

Protanopia

225.0130, 24.3480, -11.7480

Deuteranopia

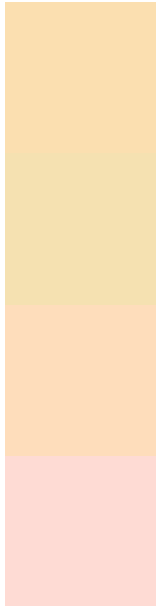
227.3870, 29.5270, -0.9770



Tritanopia

229.4850, 18.1080, 13.2440

Trichromacy



Original Color

226.0140, 31.7750, -8.6810

Protanomaly

225.5080, 27.3280, -10.6880

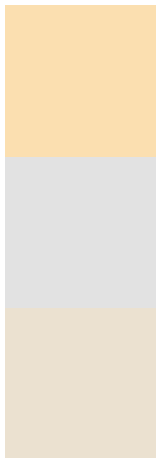
Deuteranomaly

226.9910, 30.5820, -3.5780

Tritanomaly

228.6670, 23.1070, 5.2430

Monochromacy



Original Color

226.0140, 31.7750, -8.6810

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

226.0520, 11.4170, -3.1670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.0140, 31.7750, -8.6810 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(251, 223, 176)` looks like.

```
.text, #text, p{  
    color:rgb(251, 223, 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(251, 223, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 223, 176) }
```

Border

The CSS property to change the border of an element to YIQ 226.0140, 31.7750, -8.6810 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(251, 223, 176) }
```


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

```
.border{ border-color:rgb(251, 223, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 223, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 223, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 223, 176);  
box-shadow:4px 4px 4px 4px rgb(251, 223,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 226.0140, 31.7750, -8.6810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 223, 176) }
```

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

```
.background{ background-color: rgb(251,  
223, 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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