

Converting Colors

YIQ(236.8140, 18.0190, -1.6690)

Have a look what the booklet for
YIQ(236.8140, 18.0190, -1.6690)
contains.

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Color

**YIQ(236.8140, 18.0190,
-1.6690)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE9D6
RGB	253, 233, 214
RGB Percent	99%, 91%, 84%
CMY	0.0078, 0.0863, 0.1607
CMYK	0.00, 0.08, 0.15, 0.01
HSL	29°, 91%, 92%
HSV	29°, 15%, 99%
XYZ	81.7883, 84.0136, 75.5386
YIQ	236.8140, 18.0190, -1.6690

Conversions

Conversions Part 2

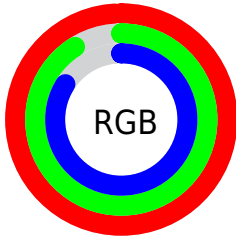
Format	Color
RYB	253, 251, 214
Decimal	16640470
CIELab	93.46, 3.78, 11.67
CIELCh	93, 12.264, 72.037
Yxy	84.0136, 0.3389, 0.3481
Android (android.graphics.Color)	4294830550 (0xFFFDE9D6)
YUV	236.8140, -11.2473, 14.1951
Hunter-Lab	91.6589, -1.1256, 15.2987

Details

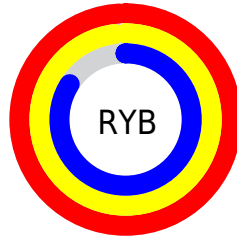
The YIQ color **236.8140, 18.0190, -1.6690** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **230.1860, -18.0190, 1.6690**, and the grayscale version is **237.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **180.6290, 17.1020, -1.5700** is the 20% darker color. If you saturate the color by 10%, you get **226.3330, 29.6190, -2.6450**, and if you desaturate by 10%, it is **247.2950, 6.4190, -0.6930**.

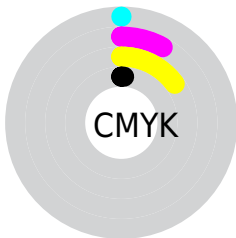
Distribution



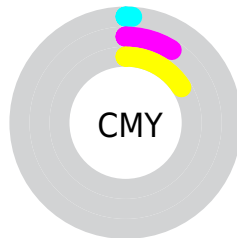
- Red (99%)
- Green (91%)
- Blue (84%)



- Red (99%)
- Yellow (98%)
- Blue (84%)



- Cyan (0%)
- Magenta (8%)
- Yellow (15%)
- Black (1%)



- Cyan (1%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 236.8140, 18.0190, -1.6690 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 236.8140, 18.0190, -1.6690 by changing the saturation by 10% instead.

236.8140, 18.0190,
-1.6690

236.8140, 18.0190,
-1.6690

255.0000, -0.0000,
-0.0000

208.5150, 17.4230,
-1.8810

180.6290, 17.1020,
-1.5700

154.3300, 16.5060,
-1.7820

128.1450, 15.5890,
-1.6830

102.9600, 14.6720,
-1.5840

78.6610, 14.0760,
-1.7960

55.5900, 12.8380,

-1.3860

■ 34.2910, 12.2420,
-1.5980

■ 12.4590, 11.8290,
0.3810

■ 236.8140, 18.0190,
-1.6690

■ 236.8140, 18.0190,
-1.6690

■ 226.3330, 29.6190,
-2.6450

■ 247.2950, 6.4190,
-0.6930

■ 215.7380, 41.5400,
-3.9320

254.4020, -1.1920,
-0.4240

■ 205.2570, 53.1400,
-4.9080

■ 194.7760, 64.7400,
-5.8840

■ 184.2950, 76.3400,
-6.8600

■ 173.7000, 88.2610,
-8.1470

■ 163.2190, 99.8610,
-9.1230

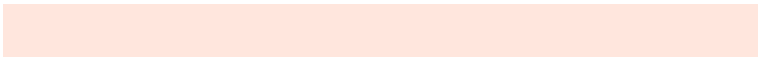
■ 152.7380,
111.4610, -10.0990

■ 147.8480,
116.9630, -10.6930

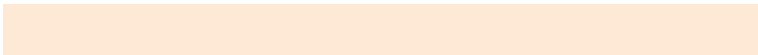
Harmonies

Analogous

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



236.4490, 17.7890, 2.5010



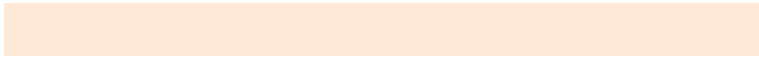
236.8140, 18.0190, -1.6690



235.4600, 10.0880, -6.6160

Triad

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



236.8140, 18.0190, -1.6690



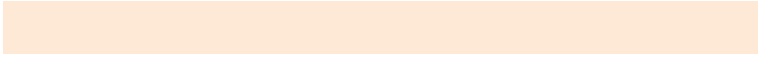
232.3070, -20.2180, -8.0420



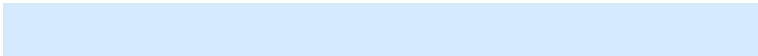
238.0960, 0.0900, 9.3860

Complementary

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



236.8140, 18.0190, -1.6690



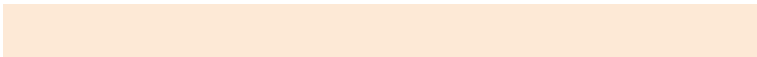
230.1860, -18.0190, 1.6690

Split Complementary

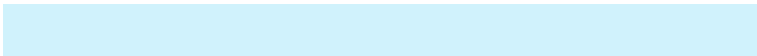
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.3720, -9.6750, 4.6370



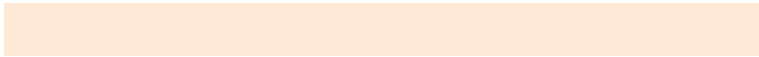
236.8140, 18.0190, -1.6690



232.9740, -23.4740, -4.0980

Square

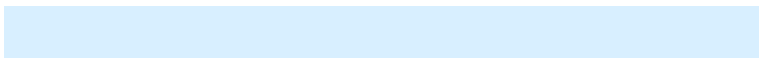
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.8140, 18.0190, -1.6690



233.0320, -12.1940, -10.2900



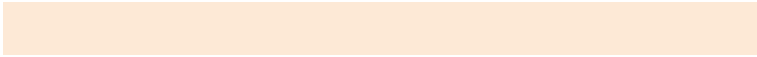
233.9470, -18.8440, 0.1000



238.4840, 10.6810, 10.1770

Rectangle

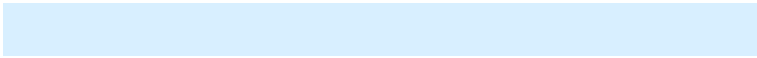
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



236.8140, 18.0190, -1.6690



234.2850, 3.2110, -8.6370



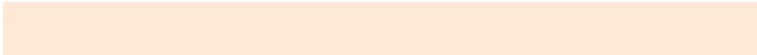
233.9470, -18.8440, 0.1000



237.6010, -2.8900, 8.3260

Sweetspot

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



236.8140, 18.0190, -1.6690



249.4090, 6.0980, -0.3820



227.9410, 16.8240, 14.4880



124.7400, 3.6680, -0.3960



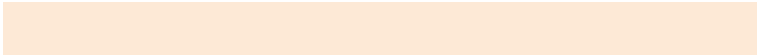
0.0000, 0.0000, 0.0000



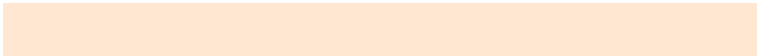
128.0000, -0.0000, -0.0000

Same Dimension

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



236.8140, 18.0190, -1.6690



235.6680, 21.3660, -1.7540



247.9670, 12.7940, -11.6060



122.4090, 6.0980, -0.3820



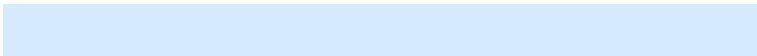
111.7000, 88.2610, -8.1470



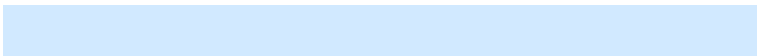
37.3330, 29.6190, -2.6450

Inverse Universe

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



230.1860, -18.0190, 1.6690



228.3320, -21.3660, 1.7540



219.0330, -12.7940, 11.6060



120.0040, -5.8230, 0.9050



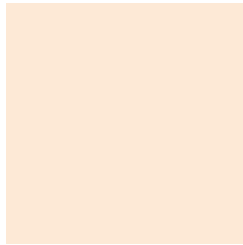
79.3000, -88.2610, 8.1470



26.6670, -29.6190, 2.6450

Previews

White Background



This preview shows how the YIQ color 236.8140, 18.0190, -1.6690 looks on a white background.

Color Contrast Check

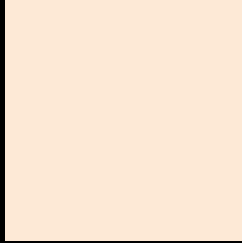
Large Text (above 18pt) WCAG AA × Fail

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 236.8140, 18.0190, -1.6690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

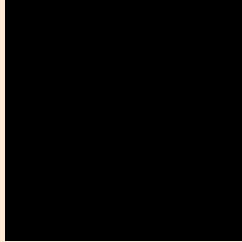
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 236.8140, 18.0190, -1.6690

Background



This preview shows how black text looks on a background with the YIQ color 236.8140, 18.0190, -1.6690.



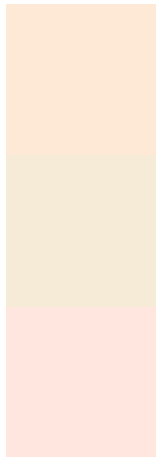
This preview shows how white text looks on a background with the YIQ color 236.8140, 18.0190,

-1.6690.

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

236.8140, 18.0190, -1.6690

Protanopia

235.7100, 12.3800, -4.1000

Deuteranopia

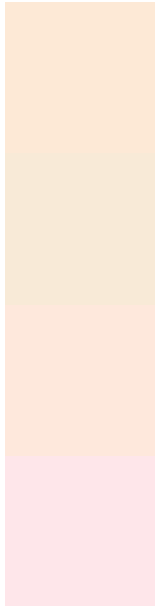
237.3780, 16.5510, 2.9110



Tritanopia

238.5980, 10.3600, 10.4880

Trichromacy



Original Color

236.8140, 18.0190, -1.6690

Protanomaly

236.0200, 14.4430, -2.9410

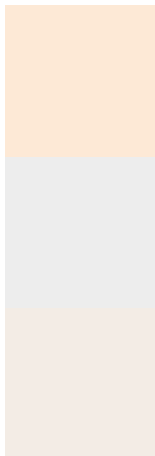
Deuteranomaly

237.2100, 16.9640, 0.9320

Tritanomaly

237.6320, 13.0200, 6.3320

Monochromacy



Original Color

236.8140, 18.0190, -1.6690

Achromatopsia

237.0000, -0.0000, -0.0000

Achromatomaly

237.2950, 6.4190, -0.6930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 236.8140, 18.0190, -1.6690 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(253, 233, 214)` looks like.

```
.text, #text, p{  
    color:rgb(253, 233, 214)  
}
```

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(253, 233, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 233, 214) }
```

Border

The CSS property to change the border of an element to YIQ 236.8140, 18.0190, -1.6690 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(253, 233, 214) }
```


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

```
.border{ border-color:rgb(253, 233, 214) }
```

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

Here you see how a box with a 4 pixel rgb(253, 233, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 233, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 233, 214);  
box-shadow:4px 4px 4px 4px rgb(253, 233,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 236.8140, 18.0190, -1.6690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 233, 214) }
```

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

```
.background{ background-color: rgb(253,  
233, 214) }
```

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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