

Converting Colors

YIQ(242.1860, 16.3710,
-15.8610)

Have a look what the booklet for
YIQ(242.1860, 16.3710, -15.8610)
contains.

YIQ(242.1860, 16.3710, -15.8610)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(242.1860, 16.3710,
-15.8610)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F8C5
RGB	248, 248, 197
RGB Percent	97%, 97%, 77%
CMY	0.0275, 0.0274, 0.2273
CMYK	0.00, 0.00, 0.21, 0.03
HSL	60°, 78%, 87%
HSV	60°, 21%, 97%
XYZ	82.3570, 91.1221, 66.0870
YIQ	242.1860, 16.3710, -15.8610

Conversions

Conversions Part 2

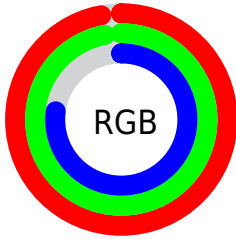
Format	Color
RYB	197, 248, 197
Decimal	16316613
CIELab	96.46, -8.07, 24.56
CIELCh	96, 25.852, 108.180
Yxy	91.1221, 0.3438, 0.3804
Android (android.graphics.Color)	4294506693 (0xFFFF8F8C5)
YUV	242.1860, -22.2767, 5.0989
Hunter-Lab	95.4579, -13.0492, 25.7732

Details

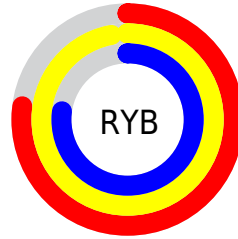
The YIQ color **242.1860, 16.3710, -15.8610** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **202.8140, -16.3710, 15.8610**, and the grayscale version is **242.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **254.8860, 0.3210, -0.3110**, and **186.1150, 15.1330, -15.4510** is the 20% darker color. If you saturate the color by 10%, you get **239.3360, 24.3960, -23.6360**, and if you desaturate by 10%, it is **245.0360, 8.3460, -8.0860**.

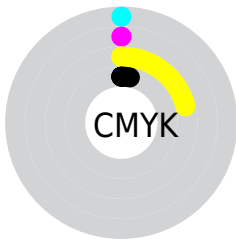
Distribution



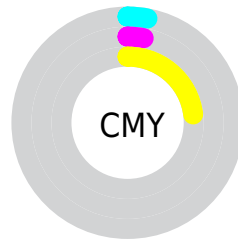
- Red (97%)
- Green (97%)
- Blue (77%)



- Red (77%)
- Yellow (97%)
- Blue (77%)



- Cyan (0%)
- Magenta (0%)
- Yellow (21%)
- Black (3%)



- Cyan (3%)
- Magenta (3%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 242.1860, 16.3710, -15.8610 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 242.1860, 16.3710, -15.8610 by changing the saturation by 10% instead.

242.1860, 16.3710,
-15.8610

242.1860, 16.3710,
-15.8610

255.0000, -0.0000,
-0.0000

214.0010, 15.4540,
-15.7620

254.8860, 0.3210,
-0.3110

186.1150, 15.1330,
-15.4510

159.2290, 14.8120,
-15.1400

132.4570, 14.1700,
-14.5180

107.2720, 13.2530,
-14.4190

82.5000, 12.6110,
-13.7970

59.3150, 11.6940,

-13.6980

■ 37.2010, 12.0150,
-14.0090

■ 17.9860, 2.6150,
-8.8490

■ 242.1860, 16.3710,
-15.8610

■ 242.1860, 16.3710,
-15.8610

■ 239.3360, 24.3960,
-23.6360

■ 245.0360, 8.3460,
-8.0860

■ 236.4860, 32.4210,
-31.4110

■ 247.8860, 0.3210,
-0.3110

■ 233.7500, 40.1250,
-38.8750

■ 248.7980, -2.2470,
2.1770

■ 230.9000, 48.1500,
-46.6500

■ 228.0500, 56.1750,
-54.4250

■ 225.2000, 64.2000,
-62.2000

■ 222.3500, 72.2250,
-69.9750

■ 219.7280, 79.6080,
-77.1280

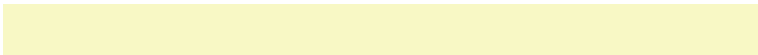
Harmonies

Analogous

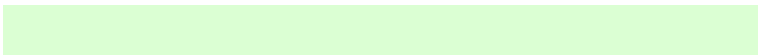
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.4690, 23.0640, -10.5040



242.1860, 16.3710, -15.8610



239.2200, -7.3320, -21.3160

Triad

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



242.1860, 16.3710, -15.8610



232.8740, -44.1040, -15.6880



239.1510, 7.4250, 14.1210

Complementary

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



242.1860, 16.3710, -15.8610



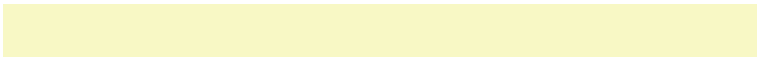
202.8140, -16.3710, 15.8610

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.



242.6730, 5.7750, 10.9830



242.1860, 16.3710, -15.8610



236.5170, -29.6170, -8.4090

Square

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



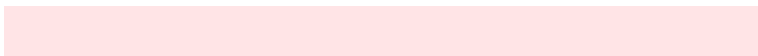
242.1860, 16.3710, -15.8610



231.6780, -46.4880, -16.5360



241.6880, -7.7490, 2.7710



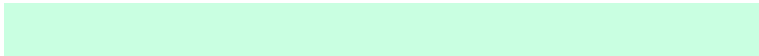
236.3010, 15.4500, 6.3460

Rectangle

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



242.1860, 16.3710, -15.8610



235.4340, -22.5540, -20.7780



241.6880, -7.7490, 2.7710



239.7380, 7.1500, 13.5980

Sweetspot

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



242.1860, 16.3710, -15.8610



253.2900, 4.8150, -4.6650



212.2490, 30.3960, 10.8120



126.6750, 2.2930, -3.0110



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

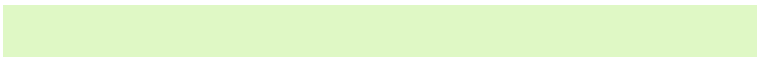
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.1860, 16.3710, -15.8610



247.7040, 20.5440, -19.9040



234.7110, 1.4710, -21.1610



123.5180, 4.1730, -4.0430



167.4540, 60.6690, -58.7790



54.0460, 19.5810, -18.9710

Inverse Universe

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



202.8140, -16.3710, 15.8610



198.2960, -20.5440, 19.9040



210.5880, -0.8750, 21.3730



113.4820, -4.1730, 4.0430



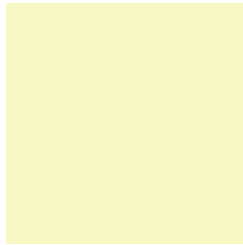
21.5460, -60.6690, 58.7790



6.9540, -19.5810, 18.9710

Previews

White Background



This preview shows how the YIQ color 242.1860, 16.3710, -15.8610 looks on a white background.

Color Contrast Check

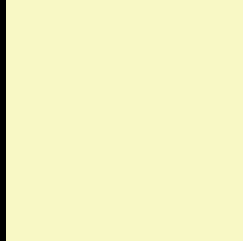
Large Text (above 18pt) WCAG AA × Fail

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 242.1860, 16.3710, -15.8610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

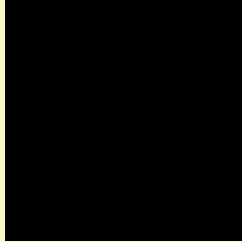
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 242.1860, 16.3710, -15.8610

Background



This preview shows how black text looks on a background with the YIQ color 242.1860, 16.3710, -15.8610.



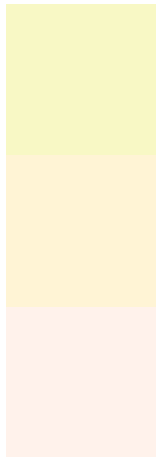
This preview shows how white text looks on a background with the YIQ color 242.1860, 16.3710, -15.8610.

-15.8610.

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

242.1860, 16.3710, -15.8610

Protanopia

243.7550, 16.5070, -7.3090

Deuteranopia

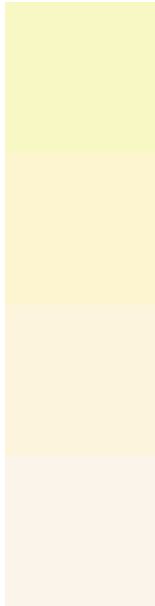
245.0890, 9.9950, 0.5790



Tritanopia

246.1840, 2.6580, 6.8980

Trichromacy



Original Color

242.1860, 16.3710, -15.8610

Protanomaly

242.7610, 16.3700, -10.3340

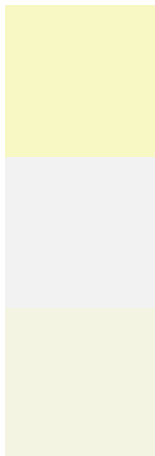
Deuteranomaly

243.7700, 12.1510, -5.4570

Tritanomaly

244.9530, 7.3820, -1.6260

Monochromacy



Original Color

242.1860, 16.3710, -15.8610

Achromatopsia

242.0000, -0.0000, 0.0000

Achromatomaly

241.9480, 5.7780, -5.5980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 242.1860, 16.3710, -15.8610 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(248, 248, 197)` looks like.

```
.text, #text, p{  
    color:rgb(248, 248, 197)  
}
```

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(248, 248, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 248, 197) }
```

Border

The CSS property to change the border of an element to YIQ 242.1860, 16.3710, -15.8610 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(248, 248, 197) }
```


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

```
.border{ border-color:rgb(248, 248, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 248, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 248, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 248, 197);  
box-shadow:4px 4px 4px 4px rgb(248, 248,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 242.1860, 16.3710, -15.8610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 248, 197) }
```

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

```
.background{ background-color: rgb(248,  
248, 197) }
```

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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