

Converting Colors

YIQ(238.9860, 11.7830, 1.2150)

Have a look what the booklet for
YIQ(238.9860, 11.7830, 1.2150)
contains.

YIQ(238.9860, 11.7830, 1.2150)	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(238.9860, 11.7830,
1.2150)**

Conversions

Conversions Part 1

Format	Color
Hex	FBEBE4
RGB	251, 235, 228
RGB Percent	98%, 92%, 89%
CMY	0.0156, 0.0784, 0.1058
CMYK	0.00, 0.06, 0.09, 0.02
HSL	18°, 74%, 94%
HSV	18°, 9%, 98%
XYZ	83.4986, 85.5258, 85.5158
YIQ	238.9860, 11.7830, 1.2150

Conversions

Conversions Part 2

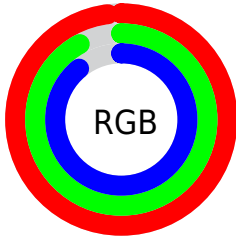
Format	Color
R _Y B	251, 238, 228
Decimal	16509924
CIE Lab	94.11, 4.26, 5.32
CIE LCh	94, 6.813, 51.295
Yxy	85.5258, 0.3280, 0.3360
Android (android.graphics.Color)	4294700004 (0xFFFFBEBE4)
YUV	238.9860, -5.4161, 10.5363
Hunter-Lab	92.4802, -0.6760, 9.9111

Details

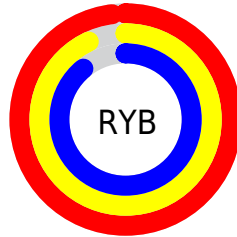
The YIQ color $238.9860, 11.7830, 1.2150$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $240.0140, -11.7830, -1.2150$, and the grayscale version is $239.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $182.8010, 10.8660, 1.3140$ is the 20% darker color. If you saturate the color by 10%, you get $226.1570, 24.4830, 2.3310$, and if you desaturate by 10%, it is $251.8150, -0.9170, 0.0990$.

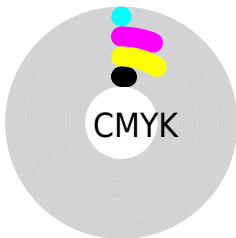
Distribution



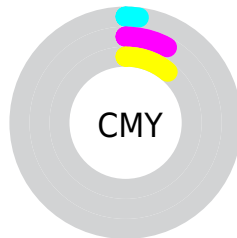
- Red (98%)
- Green (92%)
- Blue (89%)



- Red (98%)
- Yellow (93%)
- Blue (89%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (2%)



- Cyan (2%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 238.9860, 11.7830, 1.2150 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 238.9860, 11.7830, 1.2150 by changing the saturation by 10% instead.

238.9860, 11.7830,
1.2150

238.9860, 11.7830,
1.2150

255.0000, -0.0000,
-0.0000

210.6870, 11.1870,
1.0030

182.8010, 10.8660,
1.3140

156.3880, 10.5910,
0.7910

130.3880, 10.5910,
0.7910

105.2030, 9.6740,
0.8900

80.9040, 9.0780,
0.6780

58.0180, 8.7570,

0.9890

■ 36.4200, 7.5650,
0.5650

■ 14.1600, 11.2330,
0.1690

■ 238.9860, 11.7830,
1.2150

■ 238.9860, 11.7830,
1.2150

■ 226.1570, 24.4830,
2.3310

■ 251.8150, -0.9170,
0.0990

■ 212.7410, 37.4580,
3.9700

■ 253.8040, -2.3840,
-0.8480

■ 199.9120, 50.1580,
5.0860

■ 186.4960, 63.1330,
6.7250

■ 173.6670, 75.8330,
7.8410

■ 160.1370, 89.1290,
9.1690

■ 147.3080,
101.8290, 10.2850

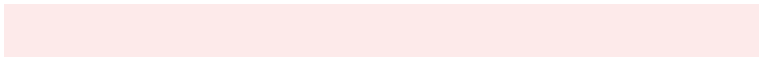
■ 133.8920,
114.8040, 11.9240

■ 121.0630,
127.5040, 13.0400

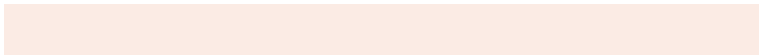
Harmonies

Analogous

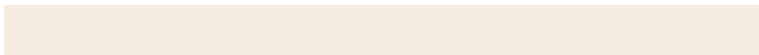
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.6810, 11.3240, 4.0280



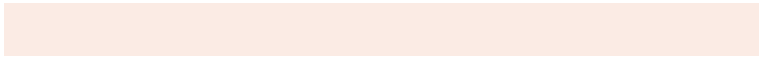
238.9860, 11.7830, 1.2150



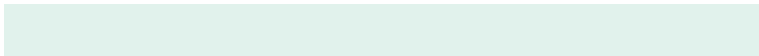
238.3230, 9.2160, -1.8240

Triad

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



238.9860, 11.7830, 1.2150



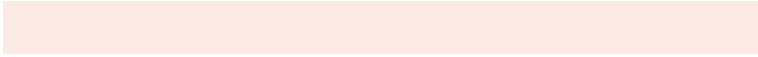
236.2330, -8.2060, -5.4700



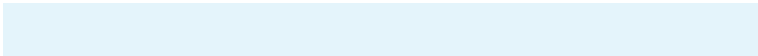
238.4820, -4.1730, 4.0430

Complementary

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



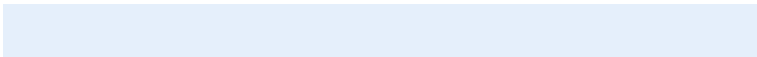
238.9860, 11.7830, 1.2150



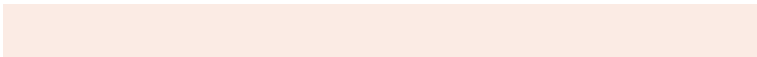
240.0140, -11.7830, -1.2150

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.



237.3780, -9.8120, 1.6120



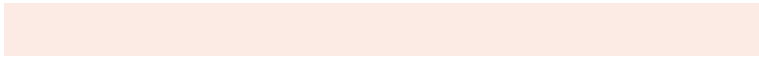
238.9860, 11.7830, 1.2150



236.1340, -12.2410, -3.9290

Square

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



238.9860, 11.7830, 1.2150



236.7560, -2.4290, -5.5410



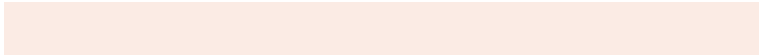
236.7150, -12.3790, -1.4270



239.2440, 2.4290, 5.5410

Rectangle

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



238.9860, 11.7830, 1.2150



237.4150, 5.9610, -3.4070



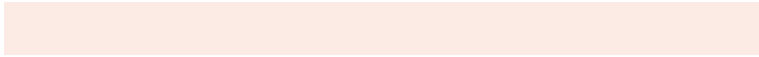
236.7150, -12.3790, -1.4270



238.5850, -5.9610, 3.4070

Sweetspot

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



238.9860, 11.7830, 1.2150



251.1530, 3.9430, 0.1270



236.7010, 8.5720, 9.8520



124.9680, 3.0260, 0.2260



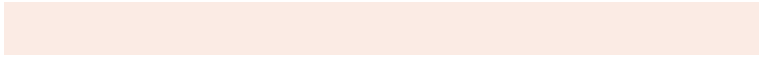
0.0000, 0.0000, 0.0000



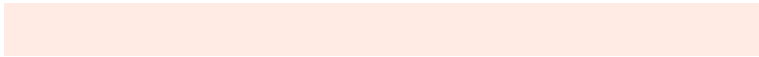
128.0000, -0.0000, -0.0000

Same Dimension

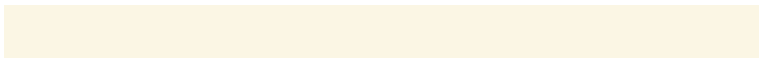
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.9860, 11.7830, 1.2150



240.0680, 14.4880, 1.7520



245.4430, 8.7580, -4.5380



118.2350, 6.6480, 0.6640



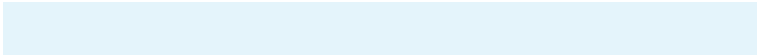
89.9700, 96.9690, 10.2570



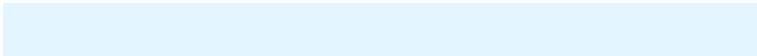
29.3920, 31.1310, 2.9950

Inverse Universe

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



240.0140, -11.7830, -1.2150



241.3450, -14.2130, -1.2290



233.5570, -8.7580, 4.5380



118.7650, -6.6480, -0.6640



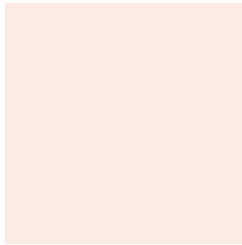
98.4430, -96.6940, -9.7340



32.1950, -31.4060, -3.5180

Previews

White Background



This preview shows how the YIQ color 238.9860, 11.7830, 1.2150 looks on a white background.

Color Contrast Check

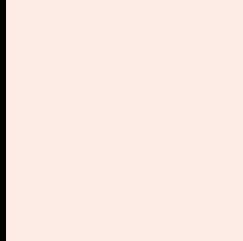
Large Text (above 18pt) WCAG AA × Fail

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 238.9860, 11.7830, 1.2150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

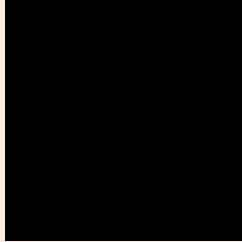
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

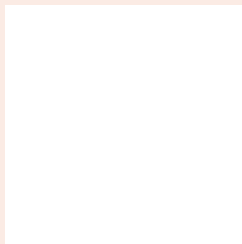
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 238.9860, 11.7830, 1.2150

Background



This preview shows how black text looks on a background with the YIQ color 238.9860, 11.7830, 1.2150.



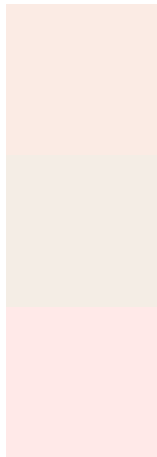
This preview shows how white text looks on a background with the YIQ color 238.9860, 11.7830,

1.2150.

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

238.9860, 11.7830, 1.2150

Protanopia

238.1810, 6.7400, -1.0040

Deuteranopia

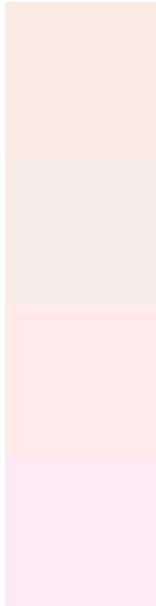
239.4640, 13.4330, 4.3530



Tritanopia

240.6300, 7.3340, 10.2620

Trichromacy



Original Color

238.9860, 11.7830, 1.2150

Protanomaly

238.4910, 8.8030, 0.1550

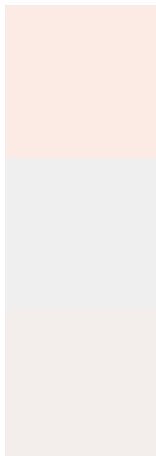
Deuteranomaly

239.6380, 12.8830, 3.3070

Tritanomaly

240.0060, 9.0310, 7.0390

Monochromacy



Original Color

238.9860, 11.7830, 1.2150

Achromatopsia

239.0000, -0.0000, -0.0000

Achromatomaly

239.1530, 3.9430, 0.1270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.9860, 11.7830, 1.2150 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, 235, 228)` looks like.

```
.text, #text, p{  
    color:rgb(251, 235, 228)  
}
```

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, 235, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 235, 228) }
```

Border

The CSS property to change the border of an element to YIQ 238.9860, 11.7830, 1.2150 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, 235, 228) }
```


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

```
.border{ border-color:rgb(251, 235, 228) }
```

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

Here you see how a box with a 4 pixel rgb(251, 235, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 235, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 235, 228);  
box-shadow:4px 4px 4px 4px rgb(251, 235,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 238.9860, 11.7830, 1.2150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 235, 228) }
```

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

```
.background{ background-color: rgb(251,  
235, 228) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor