

Converting Colors

YIQ(238.8690, 16.1860, -6.9980)

Have a look what the booklet for
YIQ(238.8690, 16.1860, -6.9980)
contains.

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Color

**YIQ(238.8690, 16.1860,
-6.9980)**

Conversions

Conversions Part 1

Format	Color
Hex	FAEFD1
RGB	250, 239, 209
RGB Percent	98%, 94%, 82%
CMY	0.0196, 0.0627, 0.1803
CMYK	0.00, 0.04, 0.16, 0.02
HSL	44°, 80%, 90%
HSV	44°, 16%, 98%
XYZ	81.8015, 86.6592, 72.7516
YIQ	238.8690, 16.1860, -6.9980

Conversions

Conversions Part 2

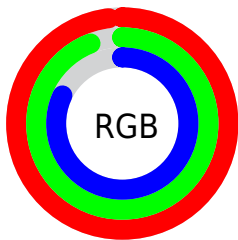
Format	Color
R _Y B	224, 250, 209
Decimal	16445393
CIE Lab	94.59, -1.09, 15.83
CIE LCh	95, 15.869, 93.950
Yxy	86.6592, 0.3391, 0.3593
Android (android.graphics.Color)	4294635473 (0xFFFAEFD1)
YUV	238.8690, -14.7254, 9.7619
Hunter-Lab	93.0909, -6.0562, 18.8278

Details

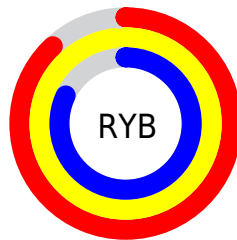
The YIQ color **238.8690, 16.1860, -6.9980** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **220.1310, -16.1860, 6.9980**, and the grayscale version is **239.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **182.7980, 14.9480, -6.5880** is the 20% darker color. If you saturate the color by 10%, you get **231.9100, 26.1360, -11.1120**, and if you desaturate by 10%, it is **245.8280, 6.2360, -2.8840**.

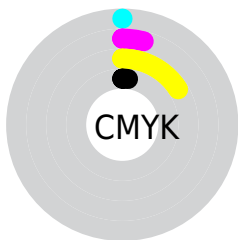
Distribution



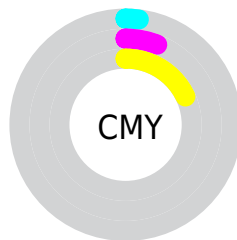
- Red (98%)
- Green (94%)
- Blue (82%)



- Red (88%)
- Yellow (98%)
- Blue (82%)



- Cyan (0%)
- Magenta (4%)
- Yellow (16%)
- Black (2%)





- Cyan (2%)
- Magenta (6%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 238.8690, 16.1860, -6.9980 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 238.8690, 16.1860, -6.9980 by changing the saturation by 10% instead.


 238.8690, 16.1860,
-6.9980


 238.8690, 16.1860,
-6.9980


255.0000, -0.0000,
-0.0000


 210.5700, 15.5900,
-7.2100

 182.7980, 14.9480,
-6.5880

 155.7980, 14.9480,
-6.5880

 129.6130, 14.0310,
-6.4890

 104.7270, 13.7100,
-6.1780

 80.5420, 12.7930,
-6.0790

 57.3570, 11.8760,

-5.9800

■ 36.0580, 11.2800,
-6.1920

■ 15.3720, 7.5200,
-4.1280

■ 238.8690, 16.1860,
-6.9980

■ 238.8690, 16.1860,
-6.9980

■ 231.9100, 26.1360,
-11.1120

■ 245.8280, 6.2360,
-2.8840

■ 225.5380, 35.8110,
-15.7490

■ 251.7440, -2.1550,
0.5090

■ 218.5790, 45.7610,
-19.8630

■ 253.5050, -2.9800,
-1.0600

■ 211.6200, 55.7110,
-23.9770

■ 204.6610, 65.6610,
-28.0910

■ 198.2890, 75.3360,
-32.7280

■ 191.3300, 85.2860,
-36.8420

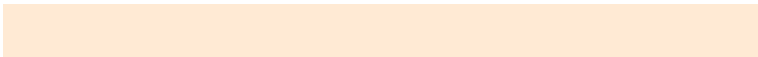
■ 184.3710, 95.2360,
-40.9560

■ 182.1710, 98.6750,
-42.7090

Harmonies

Analogous

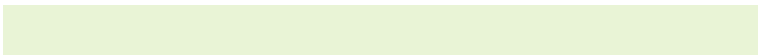
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.7710, 19.5780, -2.3900



238.8690, 16.1860, -6.9980



237.2910, 3.0740, -11.6620

Triad

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



238.8690, 16.1860, -6.9980



234.7450, -30.2590, -7.7870



240.6840, 7.2420, 11.9300

Complementary

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



238.8690, 16.1860, -6.9980



220.1310, -16.1860, 6.9980

Split Complementary

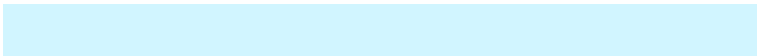
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.2700, -0.4600, 8.3400



238.8690, 16.1860, -6.9980



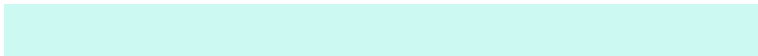
235.3760, -24.6660, -4.5220

Square

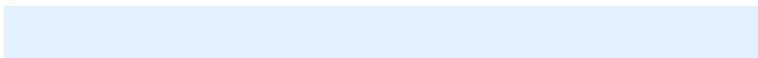
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



238.8690, 16.1860, -6.9980



234.6330, -24.2520, -12.0280



237.5240, -13.1590, 1.6970



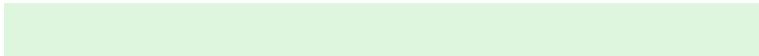
237.8000, 12.6070, 8.3110

Rectangle

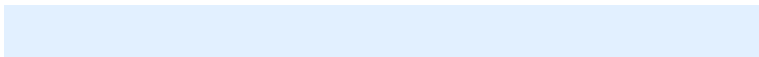
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



238.8690, 16.1860, -6.9980



235.6750, -6.8750, -13.0750



237.5240, -13.1590, 1.6970



241.4990, 6.3250, 12.0290

Sweetspot

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



238.8690, 16.1860, -6.9980



251.7570, 4.9980, -2.4740



222.6270, 20.5840, 12.4240



125.3270, 3.3930, -0.9190



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

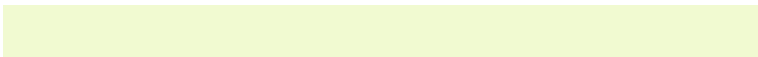
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.8690, 16.1860, -6.9980



240.9680, 20.2210, -8.5390



242.6350, 7.7970, -14.6590



121.7570, 4.9980, -2.4740



137.5170, 74.6940, -32.1060



44.6540, 23.9810, -10.6030

Inverse Universe

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



220.1310, -16.1860, 6.9980



218.0320, -20.2210, 8.5390



216.3650, -7.7970, 14.6590



115.8300, -5.2730, 1.9510



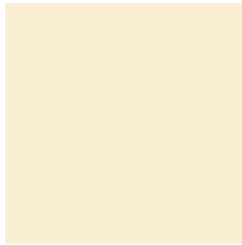
51.4830, -74.6940, 32.1060



16.3460, -23.9810, 10.6030

Previews

White Background



This preview shows how the YIQ color 238.8690, 16.1860, -6.9980 looks on a white background.

Color Contrast Check

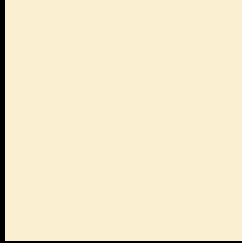
Large Text (above 18pt) WCAG AA × Fail

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 238.8690, 16.1860, -6.9980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

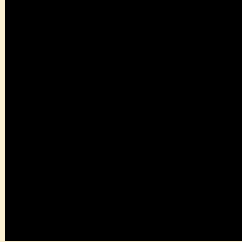
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 238.8690, 16.1860, -6.9980

Background



This preview shows how black text looks on a background with the YIQ color 238.8690, 16.1860, -6.9980.



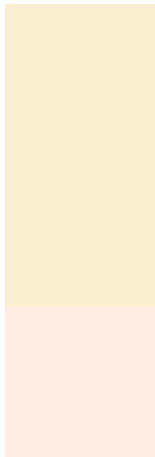
This preview shows how white text looks on a background with the YIQ color 238.8690, 16.1860,

-6.9980.

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

238.8690, 16.1860, -6.9980

Protanopia

239.1680, 16.7820, -6.7860

Deuteranopia

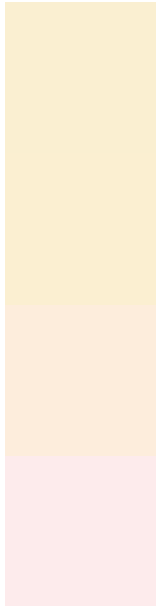
240.6550, 14.2130, 1.2290



Tritanopia

241.6300, 7.3340, 10.2620

Trichromacy



Original Color

238.8690, 16.1860, -6.9980

Protanomaly

239.1680, 16.7820, -6.7860

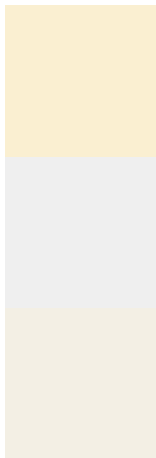
Deuteranomaly

239.8460, 14.9930, -1.8950

Tritanomaly

240.4960, 10.4070, 4.1270

Monochromacy



Original Color

238.8690, 16.1860, -6.9980

Achromatopsia

239.0000, -0.0000, -0.0000

Achromatomaly

238.9420, 5.9150, -2.5730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.8690, 16.1860, -6.9980 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(250, 239, 209)` looks like.

```
.text, #text, p{  
    color:rgb(250, 239, 209)  
}
```

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(250, 239, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 239, 209) }
```

Border

The CSS property to change the border of an element to YIQ 238.8690, 16.1860, -6.9980 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(250, 239, 209) }
```


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

```
.border{ border-color:rgb(250, 239, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 239, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 239, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 239, 209);  
box-shadow:4px 4px 4px 4px rgb(250, 239,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 238.8690, 16.1860, -6.9980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 239, 209) }
```

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

```
.background{ background-color: rgb(250,  
239, 209) }
```

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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