

Converting Colors

YIQ(229.0860, 14.0770, -7.3230)

Have a look what the booklet for
YIQ(229.0860, 14.0770, -7.3230)
contains.

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Color

**YIQ(229.0860, 14.0770,
-7.3230)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE6C9
RGB	238, 230, 201
RGB Percent	93%, 90%, 79%
CMY	0.0667, 0.0980, 0.2117
CMYK	0.00, 0.03, 0.16, 0.07
HSL	47°, 52%, 86%
HSV	47°, 16%, 93%
XYZ	74.1008, 78.9869, 66.6111
YIQ	229.0860, 14.0770, -7.3230

Conversions

Conversions Part 2

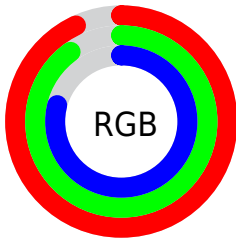
Format	Color
R _Y B	211, 238, 201
Decimal	15656649
CIE Lab	91.23, -2.01, 15.09
CIE LCh	91, 15.227, 97.575
Yxy	78.9869, 0.3373, 0.3595
Android (android.graphics.Color)	4293846729 (0xFFEEE6C9)
YUV	229.0860, -13.8464, 7.8176
Hunter-Lab	88.8746, -6.7028, 17.7746

Details

The YIQ color $229.0860, 14.0770, -7.3230$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $209.9140, -14.0770, 7.3230$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $173.9010, 13.1600, -7.2240$ is the 20% darker color. If you saturate the color by 10%, you get $223.4150, 23.1560, -12.1720$, and if you desaturate by 10%, it is $234.7570, 4.9980, -2.4740$.

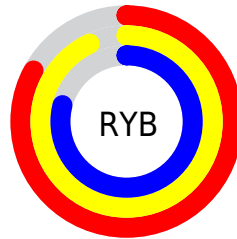
Distribution



Red (93%)

Green (90%)

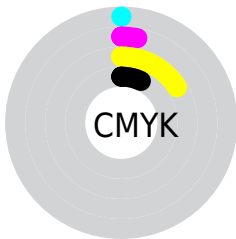
Blue (79%)



Red (83%)

Yellow (93%)

Blue (79%)

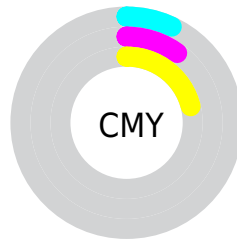


Cyan (0%)

Magenta (3%)

Yellow (16%)

Black (7%)



Cyan (7%)

Magenta (10%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.0860, 14.0770, -7.3230 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 229.0860, 14.0770, -7.3230 by changing the saturation by 10% instead.

■ 229.0860, 14.0770,
-7.3230

■ 229.0860, 14.0770,
-7.3230

255.0000, -0.0000,
-0.0000

■ 201.2000, 13.7560,
-7.0120

■ 173.9010, 13.1600,
-7.2240

■ 147.0150, 12.8390,
-6.9130

■ 121.1290, 12.5180,
-6.6020

■ 95.9440, 11.6010,
-6.5030

■ 72.7590, 10.6840,
-6.4040

■ 49.9870, 10.0420,

-5.7820

■ 28.5310, 11.3260,
-7.0260

■ 4.1200, -0.4580,
-2.7140

■ 229.0860, 14.0770,
-7.3230

■ 229.0860, 14.0770,
-7.3230

■ 223.4150, 23.1560,
-12.1720

■ 234.7570, 4.9980,
-2.4740

■ 217.7440, 32.2350,
-17.0210

■ 240.4280, -4.0810,
2.3750

■ 212.1870, 40.9930,
-21.5590

■ 244.0470, -7.3820,
1.6260

■ 205.9290, 50.3470,
-25.8850

■ 247.5690, -9.0320,
-1.5120

■ 200.2580, 59.4260,
-30.7340

■ 249.9170,
-10.1320, -3.6040

■ 194.5870, 68.5050,
-35.5830

■ 188.9160, 77.5840,
-40.4320

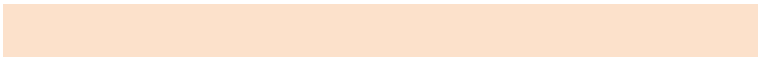
■ 183.3590, 86.3420,
-44.9700

■ 180.9310, 90.4230,
-47.3450

Harmonies

Analogous

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



230.5650, 23.1540, -1.1180



229.0860, 14.0770, -7.3230



227.0350, 0.9190, -11.1530

Triad

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



229.0860, 14.0770, -7.3230



225.5710, -29.7090, -6.7410



232.5490, 12.0560, 12.7920

Complementary

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



229.0860, 14.0770, -7.3230



209.9140, -14.0770, 7.3230

Split Complementary

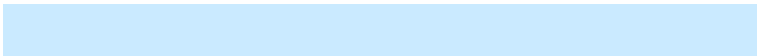
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.7800, -1.8360, 11.2520



229.0860, 14.0770, -7.3230



226.8260, -25.8130, -0.2530

Square

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



229.0860, 14.0770, -7.3230



225.1600, -24.2980, -11.1940



229.5610, -14.5810, 5.4430



231.2630, 18.6130, 9.5970

Rectangle

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



229.0860, 14.0770, -7.3230



226.3050, -8.7090, -12.8770



229.5610, -14.5810, 5.4430



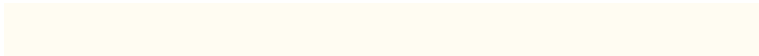
232.5100, 7.7920, 12.9760

Sweetspot

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



229.0860, 14.0770, -7.3230



251.7570, 4.9980, -2.4740



212.9750, 19.4840, 10.3320



125.9140, 3.1180, -1.4420



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.



229.0860, 14.0770, -7.3230



243.6580, 18.1580, -9.6980



230.7920, 5.9170, -13.6270



116.8710, 4.6770, -2.1630



139.5440, 70.0640, -36.3040



42.5720, 21.2760, -11.1400

Inverse Universe

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



209.9140, -14.0770, 7.3230



218.3420, -18.1580, 9.6980



208.2080, -5.9170, 13.6270



110.5420, -4.4020, 2.6860



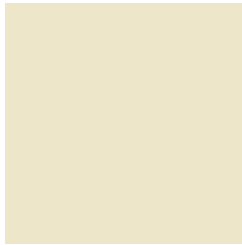
44.4560, -70.0640, 36.3040



13.4280, -21.2760, 11.1400

Previews

White Background



This preview shows how the YIQ color 229.0860, 14.0770, -7.3230 looks on a white background.

Color Contrast Check

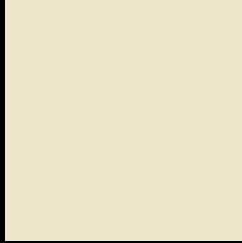
Large Text (above 18pt) WCAG AA × Fail

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 229.0860, 14.0770, -7.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

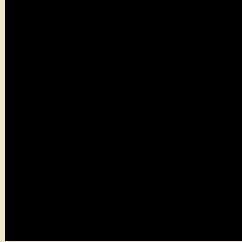
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

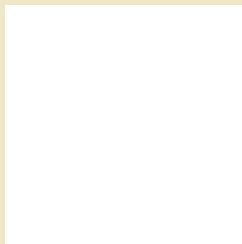
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 229.0860, 14.0770, -7.3230

Background



This preview shows how black text looks on a background with the YIQ color 229.0860, 14.0770, -7.3230.



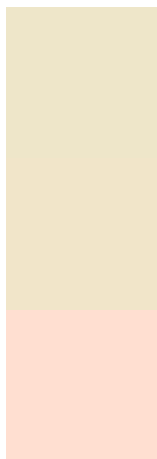
This preview shows how white text looks on a background with the YIQ color 229.0860, 14.0770,

-7.3230.

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

229.0860, 14.0770, -7.3230

Protanopia

229.3960, 16.1400, -6.1640

Deuteranopia

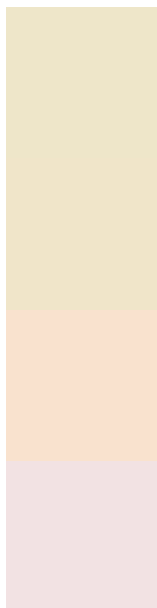
230.9720, 23.5660, 2.4300



Tritanopia

232.0320, 6.1420, 9.8380

Trichromacy



Original Color

229.0860, 14.0770, -7.3230

Protanomaly

229.0970, 15.5440, -6.3760

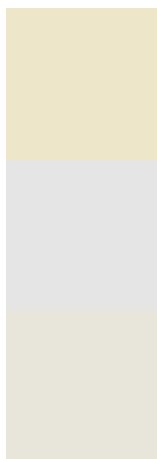
Deuteranomaly

230.5970, 20.1280, -1.3440

Tritanomaly

230.8980, 9.2150, 3.7030

Monochromacy



Original Color

229.0860, 14.0770, -7.3230

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

228.7570, 4.9980, -2.4740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.0860, 14.0770, -7.3230 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(238, 230, 201)` looks like.

```
.text, #text, p{  
    color:rgb(238, 230, 201)  
}
```

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(238, 230, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 230, 201) }
```

Border

The CSS property to change the border of an element to YIQ 229.0860, 14.0770, -7.3230 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(238, 230, 201) }
```


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

```
.border{ border-color:rgb(238, 230, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 230, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 230, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 230, 201);  
box-shadow:4px 4px 4px 4px rgb(238, 230,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 229.0860, 14.0770, -7.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 230, 201) }
```

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

```
.background{ background-color: rgb(238,  
230, 201) }
```

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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