

Converting Colors

YIQ(229.1530, 38.3330,
-17.4030)

Have a look what the booklet for
YIQ(229.1530, 38.3330, -17.4030)
contains.

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Color

**YIQ(229.1530, 38.3330,
-17.4030)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE69D
RGB	255, 230, 157
RGB Percent	100%, 90%, 62%
CMY	0.0000, 0.0981, 0.3841
CMYK	0.00, 0.10, 0.38, 0.00
HSL	45°, 100%, 81%
HSV	45°, 38%, 100%
XYZ	75.6242, 80.2838, 43.4326
YIQ	229.1530, 38.3330, -17.4030

Conversions

Conversions Part 2

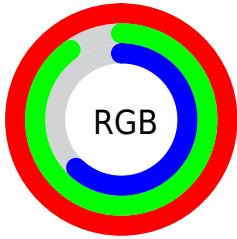
Format	Color
RYB	191, 255, 157
Decimal	16770717
CIELab	91.81, -1.39, 38.66
CIELCh	92, 38.683, 92.061
Yxy	80.2838, 0.3794, 0.4027
Android (android.graphics.Color)	4294960797 (0xFFFFE69D)
YUV	229.1530, -35.5714, 22.6678
Hunter-Lab	89.6012, -6.1467, 33.9811

Details

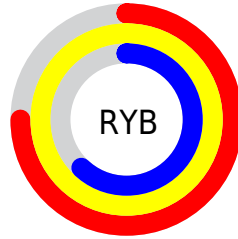
The YIQ color **229.1530, 38.3330, -17.4030** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **182.8470, -38.3330, 17.4030**, and the grayscale version is **229.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **250.0980, 13.8030, -13.3730**, and **173.5980, 35.5820, -17.1060** is the 20% darker color. If you saturate the color by 10%, you get **222.1940, 48.2830, -21.5170**, and if you desaturate by 10%, it is **236.2260, 28.0620, -12.9780**.

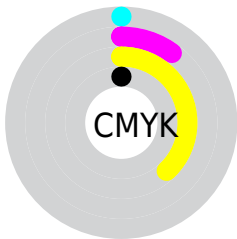
Distribution



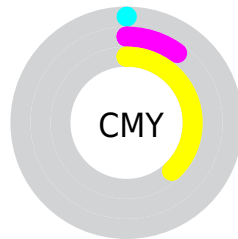
- Red (100%)
- Green (90%)
- Blue (62%)



- Red (75%)
- Yellow (100%)
- Blue (62%)



- Cyan (0%)
- Magenta (10%)
- Yellow (38%)
- Black (0%)



- Cyan (0%)
- Magenta (10%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.1530, 38.3330, -17.4030 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 229.1530, 38.3330, -17.4030 by changing the saturation by 10% instead.

229.1530, 38.3330,
-17.4030

229.1530, 38.3330,
-17.4030

255.0000, -0.0000,
-0.0000

200.9680, 37.4160,
-17.3040

250.0980, 13.8030,
-13.3730

173.5980, 35.5820,
-17.1060

253.4040, 4.4940,
-4.3540

146.5270, 34.3440,
-16.6960

120.0430, 32.8310,
-16.8090

95.1460, 31.0430,
-17.4450

70.3200, 30.4930,
-18.4910

49.6600, 23.8440,

-13.6280

■ 29.5590, 14.1230,
-8.1570

■ 6.2020, 2.2470,
-2.1770

■ 229.1530, 38.3330,
-17.4030

■ 229.1530, 38.3330,
-17.4030

■ 222.1940, 48.2830,
-21.5170

■ 236.2260, 28.0620,
-12.9780

■ 215.7080, 58.2790,
-26.4650

■ 242.5980, 18.3870,
-8.3410

■ 208.7490, 68.2290,
-30.5790

■ 249.6710, 8.1160,
-3.9160

■ 202.2630, 78.2250,
-35.5270

■ 255.0000, -0.0000,
-0.0000

■ 195.3040, 88.1750,
-39.6410

■ 188.8180, 98.1710,
-44.5890

■ 187.7750, 99.7300,
-45.3100

Harmonies

Analogous

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



222.6620, 38.6980, -7.4940



229.1530, 38.3330, -17.4030



224.9040, 7.9370, -28.2150

Triad

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



229.1530, 38.3330, -17.4030



209.2970, -85.3200, -28.6480



227.9980, 12.6500, 24.0580

Complementary

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



229.1530, 38.3330, -17.4030



182.8470, -38.3330, 17.4030

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.



230.5570, 0.4100, 14.6020



229.1530, 38.3330, -17.4030



212.9510, -69.3660, -20.4220

Square

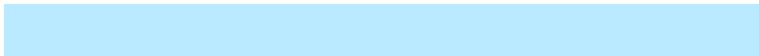
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.1530, 38.3330, -17.4030



213.6550, -66.0170, -31.5610



222.0420, -35.3490, -3.6450



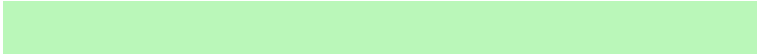
222.2130, 22.0500, 18.8980

Rectangle

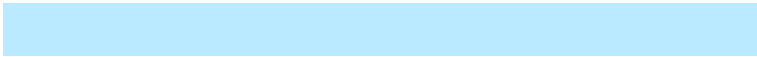
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.1530, 38.3330, -17.4030



221.6930, -16.4540, -32.2140



222.0420, -35.3490, -3.6450



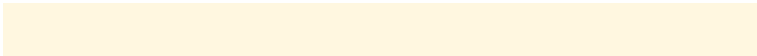
230.3460, 11.5500, 21.9660

Sweetspot

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



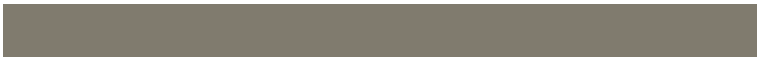
229.1530, 38.3330, -17.4030



246.7700, 12.1510, -5.4570



189.2660, 50.0620, 28.8620



123.0130, 7.1530, -2.9830



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

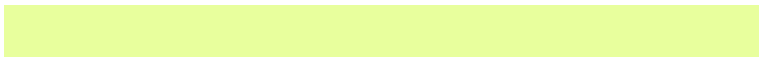
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.1530, 38.3330, -17.4030



224.0520, 45.8070, -20.6970



236.9510, 17.7500, -35.3540



124.1700, 5.2730, -1.9510



140.4630, 74.7860, -33.7740



46.7250, 25.2190, -11.0130

Inverse Universe

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



182.8470, -38.3330, 17.4030



168.9480, -45.8070, 20.6970



175.0490, -17.7500, 35.3540



118.2430, -4.9980, 2.4740



50.5370, -74.7860, 33.7740



16.6880, -24.9440, 11.5360

Previews

White Background



This preview shows how the YIQ color 229.1530, 38.3330, -17.4030 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 229.1530, 38.3330, -17.4030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

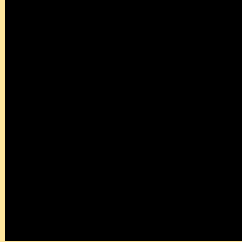
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 229.1530, 38.3330, -17.4030

Background



This preview shows how black text looks on a background with the YIQ color 229.1530, 38.3330, -17.4030.



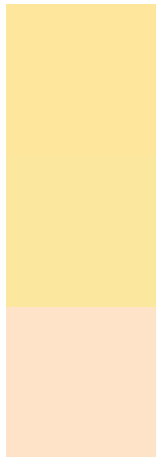
This preview shows how white text looks on a background with the YIQ color 229.1530, 38.3330,

-17.4030.

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

229.1530, 38.3330, -17.4030

Protanopia

228.6580, 35.3530, -18.4630

Deuteranopia

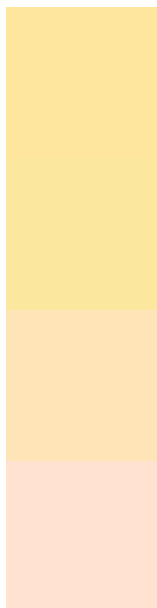
232.2940, 25.3550, -2.4610



Tritanopia

233.9360, 15.2200, 10.5160

Trichromacy



Original Color

229.1530, 38.3330, -17.4030

Protanomaly

228.9570, 35.9490, -18.2510

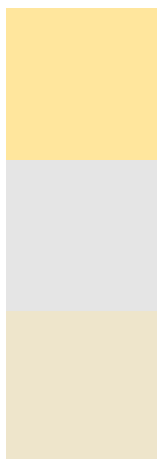
Deuteranomaly

231.0570, 30.2160, -7.9600

Tritanomaly

232.5050, 23.3830, 0.2390

Monochromacy



Original Color

229.1530, 38.3330, -17.4030

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

228.7270, 13.7100, -6.1780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.1530, 38.3330, -17.4030 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(255, 230, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 157)  
}
```

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(255, 230, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 157) }
```

Border

The CSS property to change the border of an element to YIQ 229.1530, 38.3330, -17.4030 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(255, 230, 157) }
```


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

```
.border{ border-color:rgb(255, 230, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 229.1530, 38.3330, -17.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 157) }
```

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

```
.background{ background-color: rgb(255,  
230, 157) }
```

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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