

Converting Colors

YIQ(229.2450, 27.0510, -0.1570)

Have a look what the booklet for
YIQ(229.2450, 27.0510, -0.1570)
contains.

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Color

**YIQ(229.2450, 27.0510,
-0.1570)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDEC7
RGB	255, 222, 199
RGB Percent	100%, 87%, 78%
CMY	0.0000, 0.1294, 0.2195
CMYK	0.00, 0.13, 0.22, 0.00
HSL	25°, 100%, 89%
HSV	25°, 22%, 100%
XYZ	77.6701, 77.6202, 64.9408
YIQ	229.2450, 27.0510, -0.1570

Conversions

Conversions Part 2

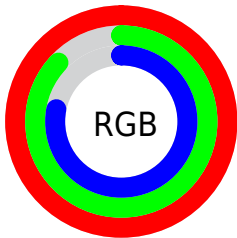
Format	Color
R _Y B	255, 238, 199
Decimal	16768711
CIE Lab	90.61, 7.95, 15.45
CIE LCh	91, 17.377, 62.784
Yxy	77.6202, 0.3527, 0.3524
Android (android.graphics.Color)	4294958791 (0xFFFFDEC7)
YUV	229.2450, -14.9108, 22.5871
Hunter-Lab	88.1023, 3.1847, 17.9686

Details

The YIQ color $229.2450, 27.0510, -0.1570$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $224.7550, -27.0510, 0.1570$, 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 $173.7610, 25.5380, -0.2700$ is the 20% darker color. If you saturate the color by 10%, you get $217.5900, 39.2010, -0.0870$, and if you desaturate by 10%, it is $241.0140, 14.5800, 0.0840$.

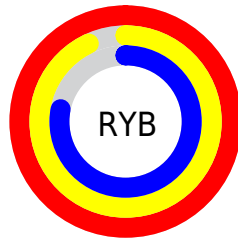
Distribution



Red (100%)

Green (87%)

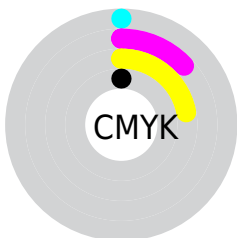
Blue (78%)



Red (100%)

Yellow (93%)

Blue (78%)

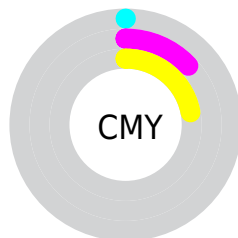


Cyan (0%)

Magenta (13%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.2450, 27.0510, -0.1570 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 229.2450, 27.0510, -0.1570 by changing the saturation by 10% instead.

229.2450, 27.0510,
-0.1570

229.2450, 27.0510,
-0.1570

255.0000, -0.0000,
-0.0000

201.0600, 26.1340,
-0.0580

173.7610, 25.5380,
-0.2700

147.1630, 24.3460,
-0.6940

121.0920, 23.1080,
-0.2840

95.9070, 22.1910,
-0.1850

72.3090, 20.9990,
-0.6090

49.5260, 18.8900,

-0.9340

■ 27.6570, 19.8990,
-2.7010

■ 6.2790, 12.5160,
4.4520

■ 229.2450, 27.0510,
-0.1570

■ 229.2450, 27.0510,
-0.1570

■ 217.5900, 39.2010,
-0.0870

■ 241.0140, 14.5800,
0.0840

■ 205.8210, 51.6720,
-0.3280

■ 252.6690, 2.4300,
0.0140

■ 194.1660, 63.8220,
-0.2580

■ 255.0000, -0.0000,
-0.0000

■ 182.3970, 76.2930,
-0.4990

■ 170.7420, 88.4430,
-0.4290

■ 158.9730,
100.9140, -0.6700

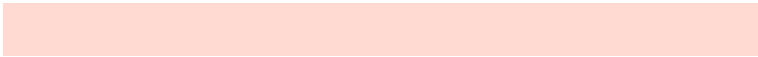
■ 147.3180,
113.0640, -0.6000

■ 137.8800,
123.1050, -0.8550

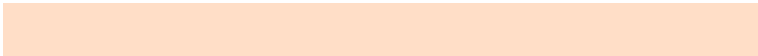
Harmonies

Analogous

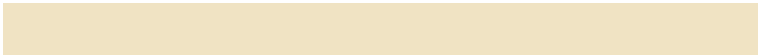
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.2650, 24.2990, 5.6670



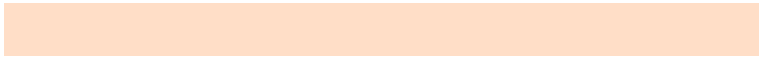
229.2450, 27.0510, -0.1570



227.2390, 18.0200, -7.1960

Triad

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



229.2450, 27.0510, -0.1570



222.3230, -26.3150, -13.1870



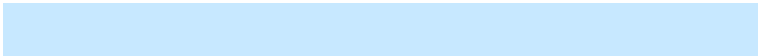
229.6380, -4.3120, 12.0720

Complementary

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



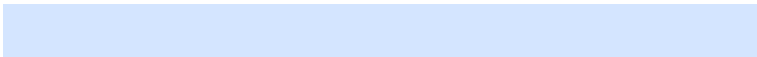
229.2450, 27.0510, -0.1570



224.7550, -27.0510, 0.1570

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.



226.8810, -18.4780, 4.4820



229.2450, 27.0510, -0.1570



222.3640, -33.5600, -8.5360

Square

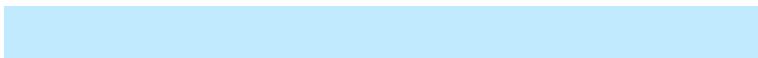
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.2450, 27.0510, -0.1570



223.3970, -11.9640, -14.4600



224.4340, -30.5810, -1.9490



231.4180, 11.0470, 14.5590

Rectangle

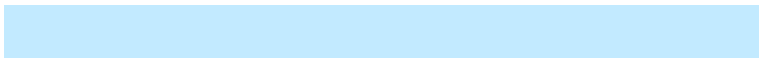
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.2450, 27.0510, -0.1570



226.2270, 9.1260, -11.2100



224.4340, -30.5810, -1.9490



228.7190, -9.0340, 9.5420

Sweetspot

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



229.2450, 27.0510, -0.1570



246.4910, 8.8030, 0.1550



219.6200, 22.4620, 22.4460



122.6370, 5.4560, 0.2400



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.



229.2450, 27.0510, -0.1570



224.5830, 31.9110, -0.1290



245.0940, 19.6260, -14.2780



121.8220, 6.3730, 0.1410



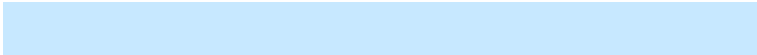
102.8950, 92.3860, -0.3020



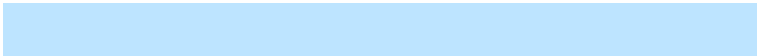
34.3980, 30.9940, -0.0300

Inverse Universe

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



224.7550, -27.0510, 0.1570



219.4170, -31.9110, 0.1290



208.9060, -19.6260, 14.2780



120.5910, -6.0980, 0.3820



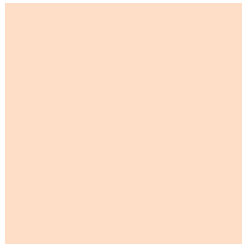
88.1050, -92.3860, 0.3020



29.6020, -30.9940, 0.0300

Previews

White Background



This preview shows how the YIQ color 229.2450, 27.0510, -0.1570 looks on a white background.

Color Contrast Check

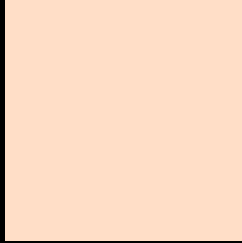
Large Text (above 18pt) WCAG AA × Fail

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 229.2450, 27.0510, -0.1570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

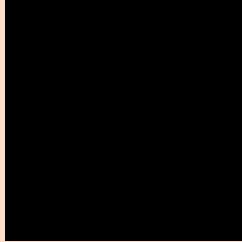
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 229.2450, 27.0510, -0.1570

Background



This preview shows how black text looks on a background with the YIQ color 229.2450, 27.0510, -0.1570.



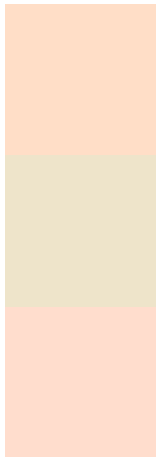
This preview shows how white text looks on a background with the YIQ color 229.2450, 27.0510, -0.1570.

-0.1570.

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

229.2450, 27.0510, -0.1570

Protanopia

228.0260, 14.3060, -5.9660

Deuteranopia

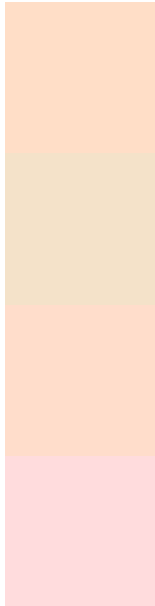
229.3420, 25.4000, 2.2320



Tritanopia

231.3600, 16.9620, 11.9860

Trichromacy



Original Color

229.2450, 27.0510, -0.1570

Protanomaly

228.5320, 18.7530, -3.9590

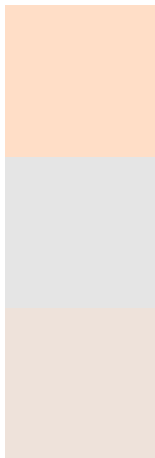
Deuteranomaly

229.1140, 26.0420, 1.6100

Tritanomaly

230.5790, 20.5390, 7.7310

Monochromacy



Original Color

229.2450, 27.0510, -0.1570

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

228.6760, 9.7200, 0.0560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.2450, 27.0510, -0.1570 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, 222, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 199)  
}
```

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, 222, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 199) }
```

Border

The CSS property to change the border of an element to YIQ 229.2450, 27.0510, -0.1570 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, 222, 199) }
```


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

```
.border{ border-color:rgb(255, 222, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 229.2450, 27.0510, -0.1570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 199) }
```

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

```
.background{ background-color: rgb(255,  
222, 199) }
```

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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