

# Converting Colors

YIQ(224.7330, -29.9850,  
-1.7370)

Have a look what the booklet for  
YIQ(224.7330, -29.9850, -1.7370)  
contains.

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# Color

**YIQ(224.7330, -29.9850,  
-1.7370)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3EAFF
RGB	195, 234, 255
RGB Percent	76%, 92%, 100%
CMY	0.2354, 0.0823, 0.0001
CMYK	0.24, 0.08, 0.00, 0.00
HSL	201°, 100%, 88%
HSV	201°, 24%, 100%
XYZ	69.9724, 77.6722, 105.8829
YIQ	224.7330, -29.9850, -1.7370

# Conversions

## Conversions Part 2

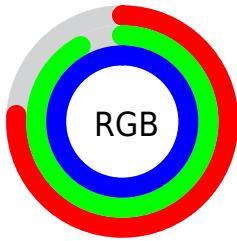
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	195, 219, 255
Decimal	12839679
CIE Lab	90.63, -8.14, -14.30
CIE LCh	91, 16.455, 240.356
Yxy	77.6722, 0.2760, 0.3064
Android (android.graphics.Color)	4291029759 (0xFFC3E AFF)
YUV	224.7330, 14.9216, -26.0758
Hunter-Lab	88.1318, -12.5104, -9.5396

# Details

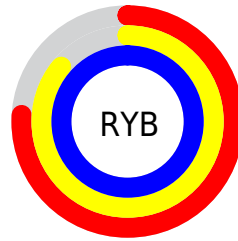
The YIQ color  $224.7330, -29.9850, -1.7370$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $225.2670, 29.9850, 1.7370$ , and the grayscale version is  $225.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $254.1030, -1.7880, -0.6360$ , and  $168.9180, -29.0680, -1.8360$  is the 20% darker color. If you saturate the color by 10%, you get  $211.6760, -43.0060, -2.5420$ , and if you desaturate by 10%, it is  $237.4910, -17.5600, -1.1440$ .

# Distribution



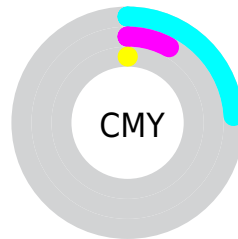
- Red (76%)
- Green (92%)
- Blue (100%)



- Red (76%)
- Yellow (86%)
- Blue (100%)



- Cyan (24%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (8%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 224.7330, -29.9850, -1.7370 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 224.7330, -29.9850, -1.7370 by changing the saturation by 10% instead.



224.7330,  
-29.9850, -1.7370

224.7330,  
-29.9850, -1.7370

255.0000, -0.0000,  
-0.0000

196.6190,  
-29.6640, -2.0480

254.1030, -1.7880,  
-0.6360

168.9180,  
-29.0680, -1.8360

142.8040,  
-28.7470, -2.1470

116.6900,  
-28.4260, -2.4580

91.6900, -28.4260,  
-2.4580

67.2770, -28.7010,  
-2.9810

42.3690, -31.9560,

-4.5640

■ 24.8430, -24.4830,  
-2.3310

■ 6.6000, -10.3170,  
5.2590

■ 224.7330,  
-29.9850, -1.7370

■ 224.7330,  
-29.9850, -1.7370

■ 211.6760,  
-43.0060, -2.5420

■ 237.4910,  
-17.5600, -1.1440

■ 198.9180,  
-55.4310, -3.1350

■ 250.5480, -4.5390,  
-0.3390

■ 185.8610,  
-68.4520, -3.9400

255.0000, -0.0000,  
-0.0000

■ 173.1030,  
-80.8770, -4.5330

■ 160.6330,  
-94.1730, -5.8610

■ 147.8750,  
-106.5980, -6.4540

■ 135.1170,  
-119.0230, -7.0470

■ 126.5120,  
-127.5050, -7.5130

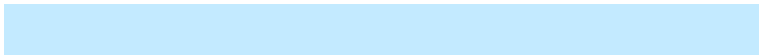
# Harmonies

## Analogous

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



223.0330, -31.1300, -8.5220



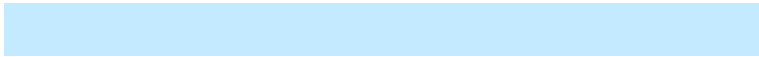
224.7330, -29.9850, -1.7370



226.5820, -19.0740, 4.2700

# Triad

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



224.7330, -29.9850, -1.7370



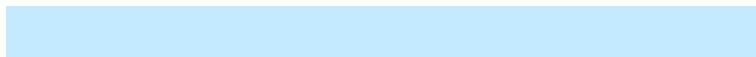
229.7300, 18.7960, 11.7880



225.7750, 4.5870, -11.5490

# Complementary

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



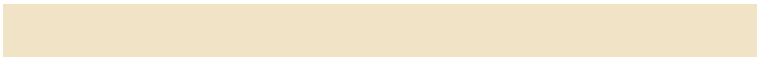
224.7330, -29.9850, -1.7370



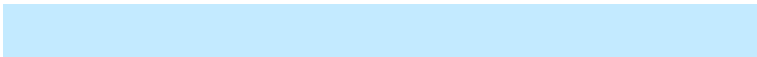
225.2670, 29.9850, 1.7370

# Split Complementary

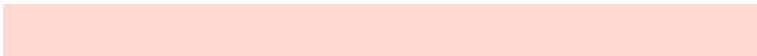
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.7660, 17.9740, -6.3620



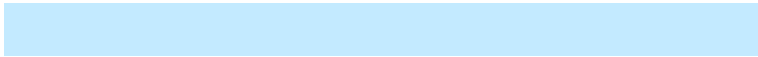
224.7330, -29.9850, -1.7370



228.4930, 23.6570, 6.2890

# Square

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



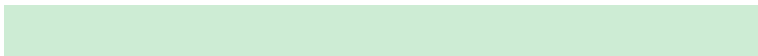
224.7330, -29.9850, -1.7370



231.4070, 9.5800, 13.6120



229.4730, 26.4090, 0.4650

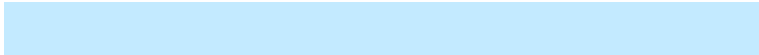


223.9950, -10.7720, -14.0360



# Rectangle

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



224.7330, -29.9850, -1.7370



229.0070, -9.9050, 8.8070



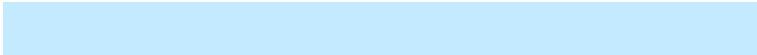
229.4730, 26.4090, 0.4650



226.1670, 9.3550, -9.8530

# Sweetspot

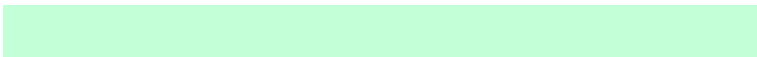
The Sweet Spot groups the original color and five complimentary colors.



224.7330, -29.9850, -1.7370



246.0960, -9.0780, -0.6780



232.5000, -22.9200, -25.1600



122.3630, -5.4560, -0.2400



0.0000, 0.0000, 0.0000

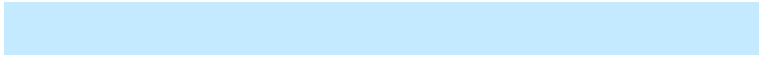


128.0000, -0.0000, -0.0000

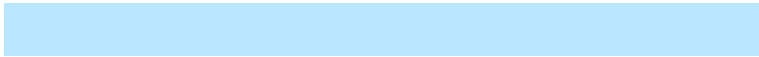


# Same Dimension

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



224.7330, -29.9850, -1.7370



219.0960, -35.4410, -1.9770



207.7100, -22.0100, 13.4300



121.1780, -6.3730, -0.1410



94.5620, -95.4110, -5.4510



31.3630, -31.8190, -1.5390



# Inverse Universe

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



217.3860, 23.2410, 24.8490



210.4730, 27.5500, 29.3580



242.2900, 22.0100, -13.4300



119.7990, 5.1800, 5.2440



71.2450, 74.0320, 79.0560

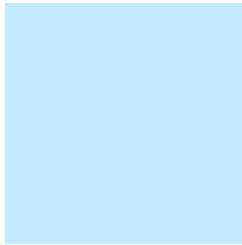


23.8100, 24.9830, 26.3190



# Previews

## White Background



This preview shows how the YIQ color 224.7330, -29.9850, -1.7370 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

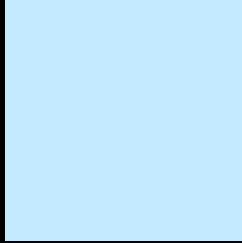
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 224.7330, -29.9850, -1.7370 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

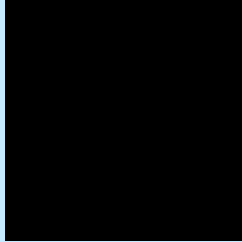
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

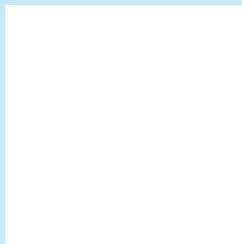
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 224.7330, -29.9850, -1.7370

## Background



This preview shows how black text looks on a background with the YIQ color 224.7330, -29.9850, -1.7370.



This preview shows how white text looks on a background with the YIQ color 224.7330, -29.9850, -1.7370.

-1.7370.

# 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

224.7330, -29.9850, -1.7370

### Protanopia

228.4370, -8.3000, 7.2520

### Deuteranopia

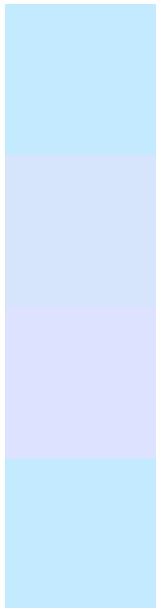
229.6490, -2.8450, 13.0190



## Tritanopia

224.5050, -29.3430, -2.3590

# Trichromacy



## Original Color

224.7330, -29.9850, -1.7370

## Protanomaly

227.1370, -16.3230, 3.9730

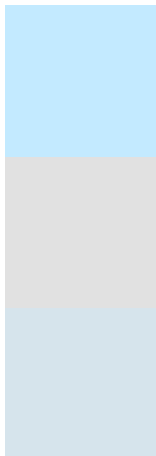
## Deuteranomaly

227.5120, -12.8850, 7.7470

## Tritanomaly

224.6190, -29.6640, -2.0480

# Monochromacy



## Original Color

224.7330, -29.9850, -1.7370

## Achromatopsia

225.0000, -0.0000, -0.0000

## Achromatomaly

224.7260, -10.9120, -0.4800

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 224.7330, -29.9850, -1.7370 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(195, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(195, 234, 255)  
}
```

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(195, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 234, 255) }
```

## Border

The CSS property to change the border of an element to YIQ 224.7330, -29.9850, -1.7370 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(195, 234, 255) }
```



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

```
.border{ border-color:rgb(195, 234, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 234, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(195, 234,  
255) }
```

# Background

The CSS property to change the background color of an element to YIQ 224.7330, -29.9850, -1.7370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 234, 255) }
```

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

```
.background{ background-color: rgb(195,  
234, 255) }
```

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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