

Converting Colors

YIQ(229.4400, -30.7180,
-4.9740)

Have a look what the booklet for
YIQ(229.4400, -30.7180, -4.9740)
contains.

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Color

**YIQ(229.4400, -30.7180,
-4.9740)**

Conversions

Conversions Part 1

Format	Color
Hex	C5F1FF
RGB	197, 241, 255
RGB Percent	77%, 95%, 100%
CMY	0.2275, 0.0548, 0.0001
CMYK	0.23, 0.05, 0.00, 0.00
HSL	194°, 100%, 89%
HSV	194°, 23%, 100%
XYZ	72.5249, 82.0064, 106.5855
YIQ	229.4400, -30.7180, -4.9740

Conversions

Conversions Part 2

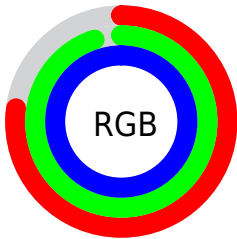
Format	Color
R _Y B	197, 222, 255
Decimal	12972543
CIE Lab	92.58, -11.11, -11.38
CIE LCh	93, 15.904, 225.691
Yxy	82.0064, 0.2777, 0.3141
Android (android.graphics.Color)	4291162623 (0xFFC5F1FF)
YUV	229.4400, 12.6011, -28.4499
Hunter-Lab	90.5574, -15.5198, -6.3938

Details

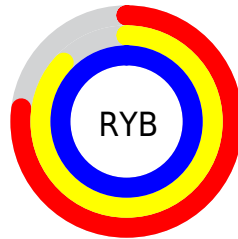
The YIQ color $229.4400, -30.7180, -4.9740$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $222.5600, 30.7180, 4.9740$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.7010, -0.5960, -0.2120$, and $173.6250, -29.8010, -5.0730$ is the 20% darker color. If you saturate the color by 10%, you get $218.1440, -44.5640, -7.3480$, and if you desaturate by 10%, it is $240.4370, -17.4680, -2.8120$.

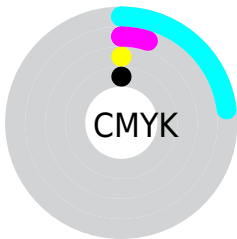
Distribution



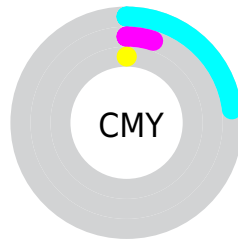
- Red (77%)
- Green (95%)
- Blue (100%)



- Red (77%)
- Yellow (87%)
- Blue (100%)



- Cyan (23%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.4400, -30.7180, -4.9740 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 229.4400, -30.7180, -4.9740 by changing the saturation by 10% instead.

■ 229.4400,
-30.7180, -4.9740

■ 229.4400,
-30.7180, -4.9740

■ 255.0000, -0.0000,
-0.0000

■ 201.3260,
-30.3970, -5.2850

■ 254.7010, -0.5960,
-0.2120

■ 173.6250,
-29.8010, -5.0730

■ 146.9240,
-29.2050, -4.8610

■ 120.8100,
-28.8840, -5.1720

■ 95.8100, -28.8840,
-5.1720

■ 70.8100, -28.8840,
-5.1720

■ 45.9020, -32.1390,

-6.7550

■ 27.1910, -25.5830,
-4.4230

■ 13.0570, -13.3420,
-0.4940

■ 229.4400,
-30.7180, -4.9740

■ 229.4400,
-30.7180, -4.9740

■ 218.1440,
-44.5640, -7.3480

■ 240.4370,
-17.4680, -2.8120

■ 207.1470,
-57.8140, -9.5100

■ 251.7330, -3.6220,
-0.4380

■ 195.8510,
-71.6600, -11.8840

■ 255.0000, -0.0000,
-0.0000

■ 184.2670,
-84.6350, -13.5230

■ 172.9710,
-98.4810, -15.8970

■ 161.9740,
-111.7310, -18.0590

■ 150.9770,
-124.9810, -20.2210

■ 142.9480,
-135.2050, -22.1570

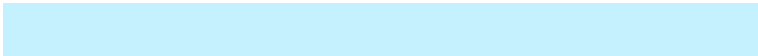
Harmonies

Analogous

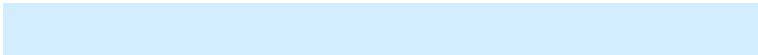
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.4200, -27.9660, -10.7980



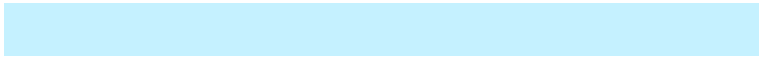
229.4400, -30.7180, -4.9740



230.6800, -22.4660, -0.3380

Triad

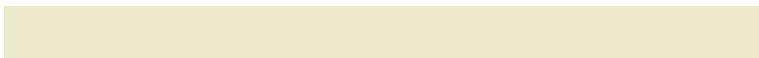
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.4400, -30.7180, -4.9740



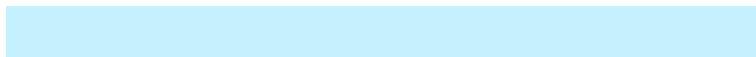
235.3210, 12.6980, 12.1700



232.3630, 11.7390, -9.0050

Complementary

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



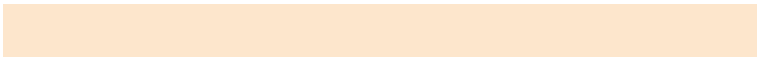
229.4400, -30.7180, -4.9740



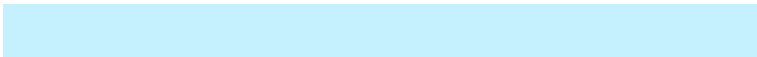
222.5600, 30.7180, 4.9740

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.



233.9130, 22.0540, -3.2100



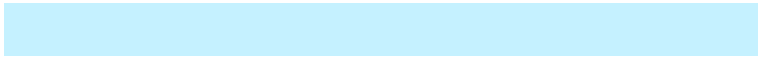
229.4400, -30.7180, -4.9740



232.9100, 18.1090, 7.7170

Square

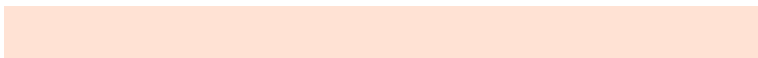
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.4400, -30.7180, -4.9740



235.8730, 2.3360, 12.7360



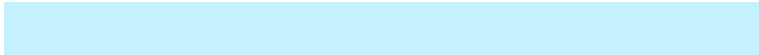
233.0750, 21.7780, 1.7940



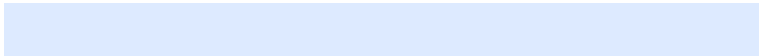
230.8280, -2.9320, -12.9480

Rectangle

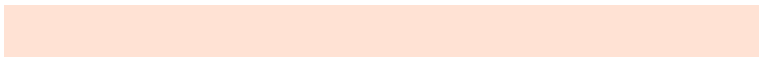
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.4400, -30.7180, -4.9740



232.5070, -14.4890, 3.7750



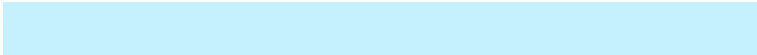
233.0750, 21.7780, 1.7940



233.1570, 15.3150, -7.7330

Sweetspot

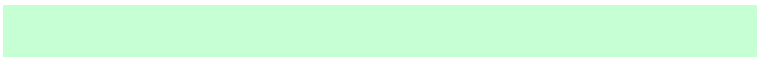
The Sweet Spot groups the original color and five complimentary colors.



229.4400, -30.7180, -4.9740



247.2700, -9.6280, -1.7240



232.6420, -20.4440, -25.9800



122.9500, -5.7310, -0.7630



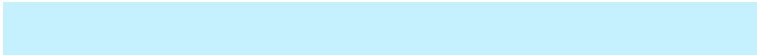
0.0000, 0.0000, 0.0000



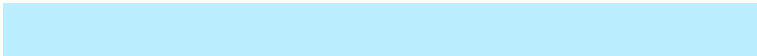
128.0000, -0.0000, -0.0000

Same Dimension

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



229.4400, -30.7180, -4.9740



224.3900, -36.4490, -5.7370



212.4170, -22.7430, 10.1930



121.7650, -6.6480, -0.6640



106.8890, -101.1860, -16.4340



35.4720, -33.7440, -5.2000

Inverse Universe

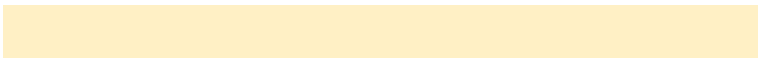
The Inverse Universe completely reimagines the original color for something new.



219.3580, 20.4440, 25.9800



212.5590, 24.4320, 30.8000



239.5830, 22.7430, -10.1930



119.9130, 4.8590, 5.5550



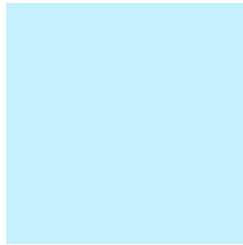
73.6390, 67.2910, 85.5870



24.6080, 22.7360, 28.4960

Previews

White Background



This preview shows how the YIQ color 229.4400, -30.7180, -4.9740 looks on a white background.

Color Contrast Check

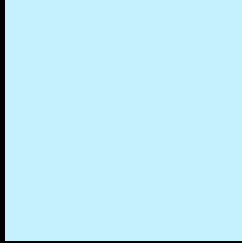
Large Text (above 18pt) WCAG AA × Fail

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 229.4400, -30.7180, -4.9740 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 229.4400, -30.7180, -4.9740

Background



This preview shows how black text looks on a background with the YIQ color 229.4400, -30.7180, -4.9740.



This preview shows how white text looks on a background with the YIQ color 229.4400, -30.7180, -4.9740.

-4.9740.

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

229.4400, -30.7180, -4.9740

Protanopia

234.2370, -4.8610, 5.4990

Deuteranopia

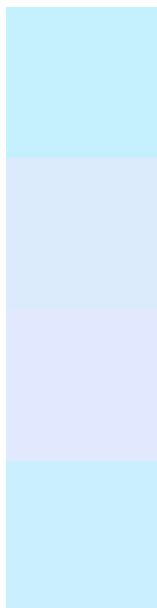
235.5630, 0.2730, 11.5770



Tritanopia

230.6580, -25.4000, -2.2320

Trichromacy



Original Color

229.4400, -30.7180, -4.9740

Protanomaly

232.3390, -14.0760, 1.7960

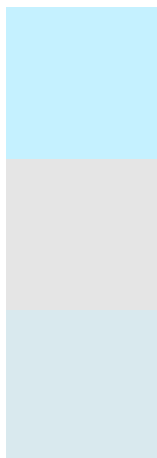
Deuteranomaly

233.4150, -11.2340, 5.3580

Tritanomaly

230.3480, -27.4630, -3.3910

Monochromacy



Original Color

229.4400, -30.7180, -4.9740

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

228.7860, -11.1410, -1.8370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.4400, -30.7180, -4.9740 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(197, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(197, 241, 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(197, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 241, 255) }
```

Border

The CSS property to change the border of an element to YIQ 229.4400, -30.7180, -4.9740 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(197, 241, 255) }
```


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

```
.border{ border-color:rgb(197, 241, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(197, 241,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 229.4400, -30.7180, -4.9740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 241, 255) }
```

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

```
.background{ background-color: rgb(197,  
241, 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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