

Converting Colors

YIQ(212.2970, -31.4530, 2.8430)

Have a look what the booklet for
YIQ(212.2970, -31.4530, 2.8430)
contains.

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Color

**YIQ(212.2970, -31.4530,
2.8430)**

Conversions

Conversions Part 1

Format	Color
Hex	B8DBFC
RGB	184, 219, 252
RGB Percent	72%, 86%, 99%
CMY	0.2785, 0.1411, 0.0119
CMYK	0.27, 0.13, 0.00, 0.01
HSL	209°, 92%, 85%
HSV	209°, 27%, 99%
XYZ	62.6633, 67.8850, 101.8640
YIQ	212.2970, -31.4530, 2.8430

Conversions

Conversions Part 2

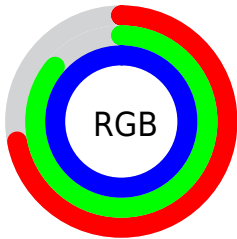
Format	Color
RYB	184, 207, 252
Decimal	12114940
CIELab	85.95, -4.26, -19.83
CIELCh	86, 20.285, 257.871
Yxy	67.8850, 0.2696, 0.2921
Android (android.graphics.Color)	4290305020 (0xFFB8DBFC)
YUV	212.2970, 19.5736, -24.8165
Hunter-Lab	82.3923, -8.4288, -15.6273

Details

The YIQ color $212.2970, -31.4530, 2.8430$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $223.7030, 31.4530, -2.8430$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $250.8140, -8.3440, -2.9680$, and $157.0690, -30.8110, 2.2210$ is the 20% darker color. If you saturate the color by 10%, you get $197.7780, -43.0530, 3.8190$, and if you desaturate by 10%, it is $226.8160, -19.8530, 1.8670$.

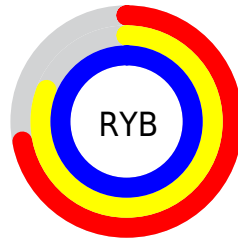
Distribution



Red (72%)

Green (86%)

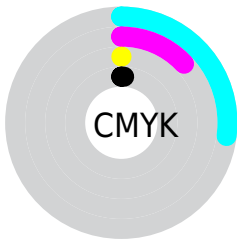
Blue (99%)



Red (72%)

Yellow (81%)

Blue (99%)

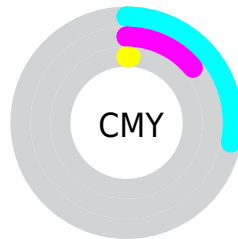


Cyan (27%)

Magenta (13%)

Yellow (0%)

Black (1%)



Cyan (28%)

Magenta (14%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.2970, -31.4530, 2.8430 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 212.2970, -31.4530, 2.8430 by changing the saturation by 10% instead.

■ 212.2970,
-31.4530, 2.8430

■ 212.2970,
-31.4530, 2.8430

■ 255.0000, -0.0000,
-0.0000

■ 184.1830,
-31.1320, 2.5320

■ 250.8140, -8.3440,
-2.9680

■ 157.0690,
-30.8110, 2.2210

■ 130.9550,
-30.4900, 1.9100

■ 104.9550,
-30.4900, 1.9100

■ 80.4280, -30.4440,
1.0760

■ 56.0040, -32.1860,
-0.3940

■ 32.9930, -33.6530,

-1.3410

■ 18.6310, -20.7700,
1.9660

■ 3.4370, -8.3000,
7.2520

■ 212.2970,
-31.4530, 2.8430

■ 212.2970,
-31.4530, 2.8430

■ 197.7780,
-43.0530, 3.8190

■ 226.8160,
-19.8530, 1.8670

■ 183.2590,
-54.6530, 4.7950

■ 241.3350, -8.2530,
0.8910

■ 167.8540,
-66.5740, 6.0820

■ 254.6580, 0.9630,
-0.9330

■ 153.3350,
-78.1740, 7.0580

■ 138.8160,
-89.7740, 8.0340

■ 124.2970,
-101.3740, 9.0100

■ 109.7780,
-112.9740, 9.9860

■ 105.0380,
-116.6420, 10.3820

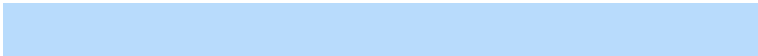
Harmonies

Analogous

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



209.1230, -40.0710, -6.1750



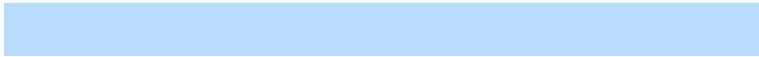
212.2970, -31.4530, 2.8430



215.8370, -15.1780, 10.7580

Triad

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



212.2970, -31.4530, 2.8430



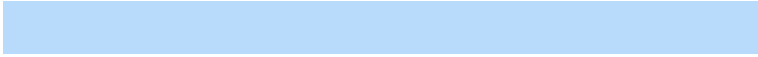
218.0750, 30.9460, 11.8580



211.0510, -5.1780, -16.2980

Complementary

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



212.2970, -31.4530, 2.8430



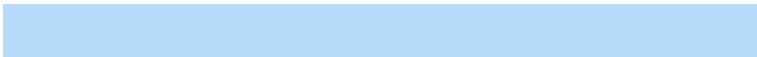
223.7030, 31.4530, -2.8430

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.



212.8530, 13.1150, -11.9170



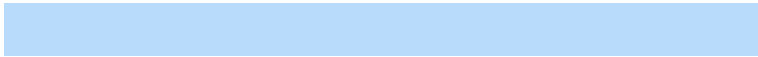
212.2970, -31.4530, 2.8430



216.7020, 33.1940, 4.1540

Square

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



212.2970, -31.4530, 2.8430



218.5610, 20.9500, 16.8060



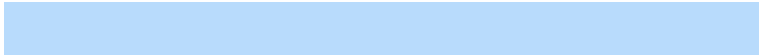
215.3110, 26.6850, -4.5390



208.7700, -23.3800, -16.8200

Rectangle

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



212.2970, -31.4530, 2.8430



217.3010, -1.7450, 15.1110



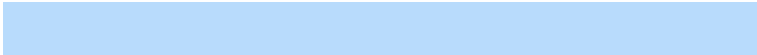
215.3110, 26.6850, -4.5390



211.4000, 1.1490, -15.3230

Sweetspot

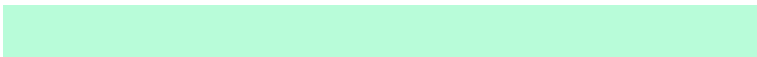
The Sweet Spot groups the original color and five complimentary colors.



212.2970, -31.4530, 2.8430



243.1500, -9.1700, 0.9900



227.6780, -29.2930, -25.3010



120.0040, -5.8230, 0.9050



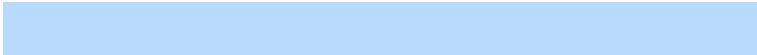
0.0000, 0.0000, 0.0000



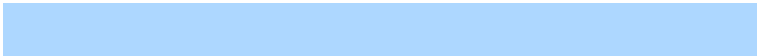
128.0000, -0.0000, -0.0000

Same Dimension

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



212.2970, -31.4530, 2.8430



207.0020, -37.8720, 3.5360



192.3390, -22.1030, 20.6250



117.5910, -6.0980, 0.3820



78.4850, -87.3440, 8.0480



25.7380, -28.3810, 2.2350

Inverse Universe

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



208.3220, 29.2930, 25.3010



202.3060, 35.3900, 30.4460



243.6610, 22.1030, -20.6250



116.6850, 5.5010, 4.9330



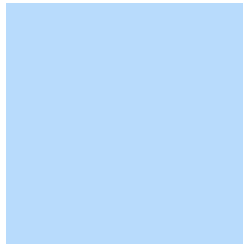
67.5690, 81.5070, 70.2350



21.8870, 26.0840, 22.8840

Previews

White Background



This preview shows how the YIQ color 212.2970, -31.4530, 2.8430 looks on a white background.

Color Contrast Check

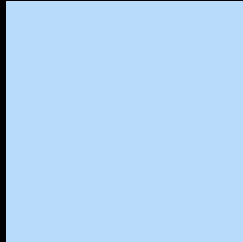
Large Text (above 18pt) WCAG AA × Fail

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 212.2970, -31.4530, 2.8430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

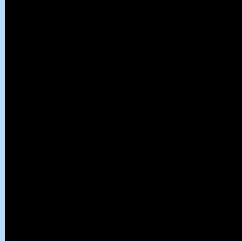
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

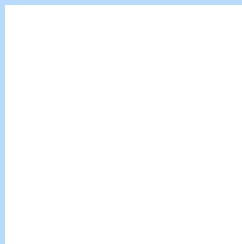
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 212.2970, -31.4530, 2.8430

Background



This preview shows how black text looks on a background with the YIQ color 212.2970, -31.4530, 2.8430.



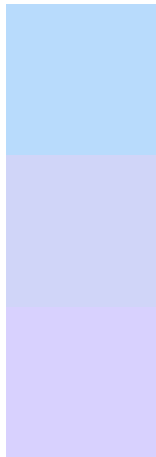
This preview shows how white text looks on a background with the YIQ color 212.2970, -31.4530,

2.8430.

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

212.2970, -31.4530, 2.8430

Protanopia

215.4950, -14.2150, 9.8250

Deuteranopia

216.2230, -10.2730, 15.4790



Tritanopia

211.0920, -29.6180, -2.8820

Trichromacy



Original Color

212.2970, -31.4530, 2.8430

Protanomaly

214.0920, -20.4500, 7.1820

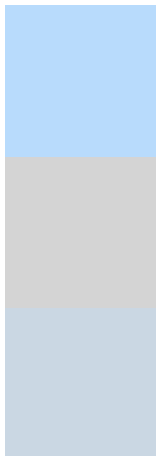
Deuteranomaly

214.8690, -18.2040, 10.5320

Tritanomaly

211.3740, -30.3520, -0.5920

Monochromacy



Original Color

212.2970, -31.4530, 2.8430

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.4810, -11.6000, 0.9760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.2970, -31.4530, 2.8430 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(184, 219, 252)` looks like.

```
.text, #text, p{  
    color:rgb(184, 219, 252)  
}
```

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(184, 219, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 219, 252) }
```

Border

The CSS property to change the border of an element to YIQ 212.2970, -31.4530, 2.8430 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(184, 219, 252) }
```


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

```
.border{ border-color:rgb(184, 219, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 219, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 219, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 219, 252);  
box-shadow:4px 4px 4px 4px rgb(184, 219,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 212.2970, -31.4530, 2.8430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 219, 252) }
```

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

```
.background{ background-color: rgb(184,  
219, 252) }
```

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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