

Converting Colors

YIQ(224.8270, -18.3860, 2.8140)

Have a look what the booklet for
YIQ(224.8270, -18.3860, 2.8140)
contains.

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Color

**YIQ(224.8270, -18.3860,
2.8140)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E4FA
RGB	209, 228, 250
RGB Percent	82%, 89%, 98%
CMY	0.1804, 0.1058, 0.0197
CMYK	0.16, 0.09, 0.00, 0.02
HSL	212°, 80%, 90%
HSV	212°, 16%, 98%
XYZ	71.2896, 75.9461, 101.3253
YIQ	224.8270, -18.3860, 2.8140

Conversions

Conversions Part 2

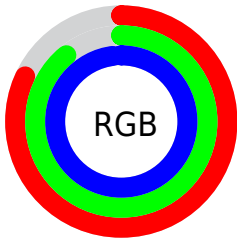
Format	Color
R _Y B	209, 222, 250
Decimal	13755642
CIE Lab	89.83, -1.89, -12.79
CIE LCh	90, 12.928, 261.580
Yxy	75.9461, 0.2868, 0.3055
Android (android.graphics.Color)	4291945722 (0xFFD1E4FA)
YUV	224.8270, 12.4103, -13.8803
Hunter-Lab	87.1470, -6.4876, -7.9332

Details

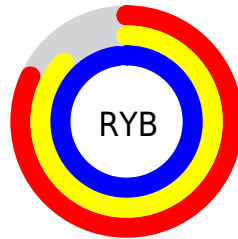
The YIQ color $224.8270, -18.3860, 2.8140$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $234.1730, 18.3860, -2.8140$, and the grayscale version is $225.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $169.7130, -18.0650, 2.5030$ is the 20% darker color. If you saturate the color by 10%, you get $209.7210, -29.7110, 4.3130$, and if you desaturate by 10%, it is $239.9330, -7.0610, 1.3150$.

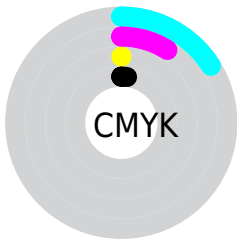
Distribution



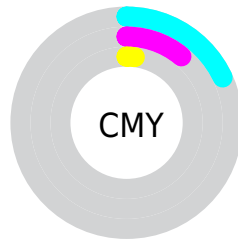
- Red (82%)
- Green (89%)
- Blue (98%)



- Red (82%)
- Yellow (87%)
- Blue (98%)



- Cyan (16%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.8270, -18.3860, 2.8140 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 224.8270, -18.3860, 2.8140 by changing the saturation by 10% instead.

■ 224.8270,
-18.3860, 2.8140

■ 224.8270,
-18.3860, 2.8140

255.0000, -0.0000,
-0.0000

■ 196.7130,
-18.0650, 2.5030

■ 169.5990,
-17.7440, 2.1920

■ 142.8980,
-17.1480, 2.4040

■ 116.8980,
-17.1480, 2.4040

■ 92.6700, -16.5060,
1.7820

■ 68.6700, -16.5060,
1.7820

■ 46.1430, -16.4600,

0.9480

■ 24.4310, -17.3310,
0.2130

■ 3.3230, -7.9790,
6.9410

■ 224.8270,
-18.3860, 2.8140

■ 224.8270,
-18.3860, 2.8140

■ 209.7210,
-29.7110, 4.3130

■ 239.9330, -7.0610,
1.3150

■ 194.0280,
-40.7610, 6.3350

■ 254.4300, 1.6050,
-1.5550

■ 178.9220,
-52.0860, 7.8340

■ 163.2290,
-63.1360, 9.8560

■ 148.1230,
-74.4610, 11.3550

■ 133.0170,
-85.7860, 12.8540

■ 117.3240,
-96.8360, 14.8760

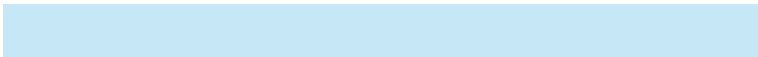
■ 102.2180,
-108.1610, 16.3750

■ 96.5920,
-112.1500, 17.0820

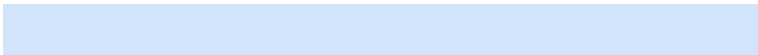
Harmonies

Analogous

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



222.7290, -24.1620, -2.6420



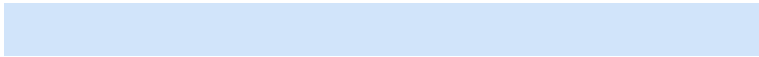
224.8270, -18.3860, 2.8140



226.8500, -8.0250, 7.7750

Triad

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



224.8270, -18.3860, 2.8140



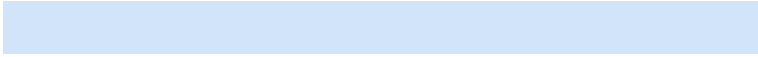
228.3510, 21.1810, 7.1090



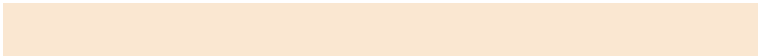
222.9250, -4.5830, -10.5590

Complementary

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



224.8270, -18.3860, 2.8140



234.1730, 18.3860, -2.8140

Split Complementary

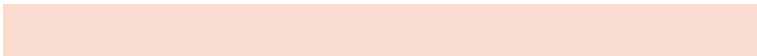
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.5520, 6.8330, -8.1990



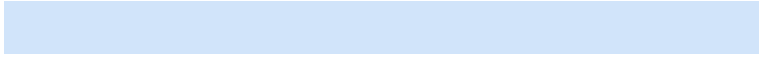
224.8270, -18.3860, 2.8140



227.1890, 21.4570, 2.1050

Square

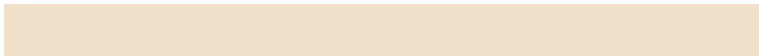
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224.8270, -18.3860, 2.8140



228.6370, 14.6240, 10.3040



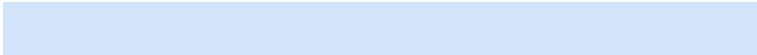
226.2760, 16.5980, -3.4500



222.1780, -15.5410, -10.2050

Rectangle

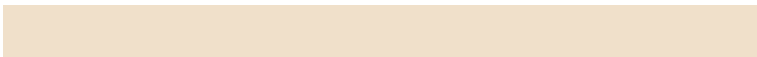
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



224.8270, -18.3860, 2.8140



227.5090, 0.3650, 9.9090



226.2760, 16.5980, -3.4500



223.4910, -0.3650, -9.9090

Sweetspot

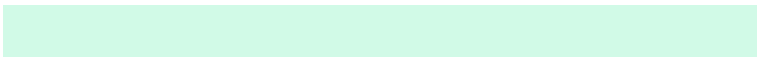
The Sweet Spot groups the original color and five complimentary colors.



224.8270, -18.3860, 2.8140



247.0040, -5.8230, 0.9050



235.5750, -18.3370, -14.6010



122.6730, -3.3930, 0.9190



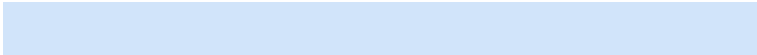
0.0000, 0.0000, 0.0000



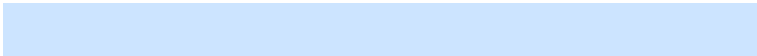
128.0000, -0.0000, -0.0000

Same Dimension

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



224.8270, -18.3860, 2.8140



223.9020, -22.9710, 3.3090



213.9730, -12.5650, 12.9630



117.0040, -5.8230, 0.9050



73.2020, -84.8690, 12.7550



23.3900, -27.2810, 4.3270

Inverse Universe

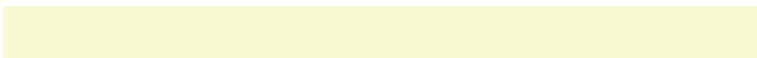
The Inverse Universe completely reimagines the original color for something new.



223.4250, 18.3370, 14.6010



221.9850, 22.6920, 18.2760



245.0270, 12.5650, -12.9630



116.5710, 5.8220, 4.6220



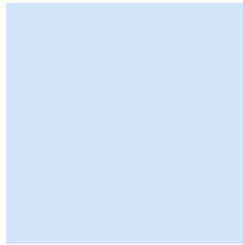
66.5430, 84.3960, 67.4360



21.4310, 27.3680, 21.6400

Previews

White Background



This preview shows how the YIQ color 224.8270, -18.3860, 2.8140 looks on a white background.

Color Contrast Check

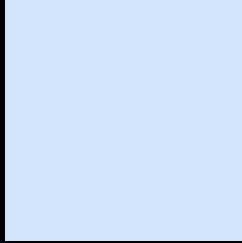
Large Text (above 18pt) WCAG AA × Fail

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 224.8270, -18.3860, 2.8140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

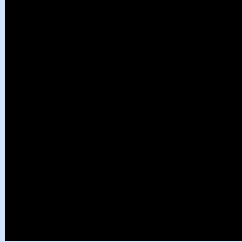
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

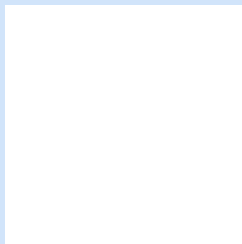
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 224.8270, -18.3860, 2.8140

Background



This preview shows how black text looks on a background with the YIQ color 224.8270, -18.3860, 2.8140.



This preview shows how white text looks on a background with the YIQ color 224.8270, -18.3860,

2.8140.

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

224.8270, -18.3860, 2.8140

Protanopia

226.3230, -7.9790, 6.9410

Deuteranopia

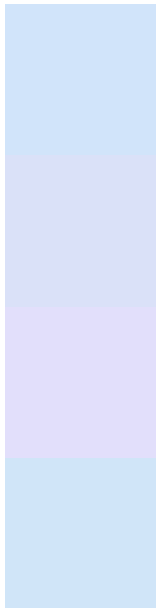
228.1330, -1.3320, 13.1320



Tritanopia

224.7730, -18.2940, 1.1460

Trichromacy



Original Color

224.8270, -18.3860, 2.8140

Protanomaly

225.5290, -11.5550, 5.6690

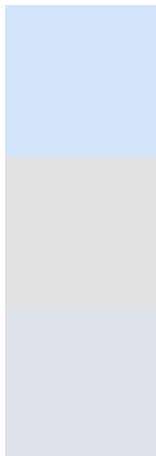
Deuteranomaly

227.0890, -7.2000, 9.3440

Tritanomaly

224.8870, -18.6150, 1.4570

Monochromacy



Original Color

224.8270, -18.3860, 2.8140

Achromatopsia

225.0000, -0.0000, -0.0000

Achromatomaly

224.8190, -6.7400, 1.0040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.8270, -18.3860, 2.8140 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(209, 228, 250)` looks like.

```
.text, #text, p{  
    color:rgb(209, 228, 250)  
}
```

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(209, 228, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 228, 250) }
```

Border

The CSS property to change the border of an element to YIQ 224.8270, -18.3860, 2.8140 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(209, 228, 250) }
```


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

```
.border{ border-color:rgb(209, 228, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 228, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 228, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 228, 250);  
box-shadow:4px 4px 4px 4px rgb(209, 228,  
250) }
```

Background

The CSS property to change the background color of an element to YIQ 224.8270, -18.3860, 2.8140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 228, 250) }
```

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

```
.background{ background-color: rgb(209,  
228, 250) }
```

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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