

Converting Colors

YIQ(228.9310, -21.9150,
-4.8190)

Have a look what the booklet for
YIQ(228.9310, -21.9150, -4.8190)
contains.

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Color

**YIQ(228.9310, -21.9150,
-4.8190)**

Conversions

Conversions Part 1

Format	Color
Hex	CDEEF5
RGB	205, 238, 245
RGB Percent	80%, 93%, 96%
CMY	0.1961, 0.0666, 0.0393
CMYK	0.16, 0.03, 0.00, 0.04
HSL	190°, 67%, 88%
HSV	190°, 16%, 96%
XYZ	72.2280, 80.7247, 98.1420
YIQ	228.9310, -21.9150, -4.8190

Conversions

Conversions Part 2

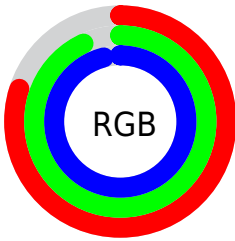
Format	Color
R _{YB}	205, 223, 245
Decimal	13496053
CIE Lab	92.01, -9.28, -6.97
CIE LCh	92, 11.609, 216.911
Yxy	80.7247, 0.2877, 0.3215
Android (android.graphics.Color)	4291686133 (0xFFCDEEF5)
YUV	228.9310, 7.9220, -20.9875
Hunter-Lab	89.8469, -13.7359, -1.8710

Details

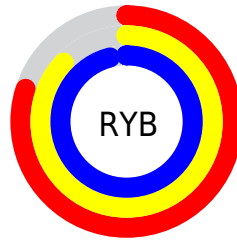
The YIQ color $228.9310, -21.9150, -4.8190$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $221.0690, 21.9150, 4.8190$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $173.2300, -21.3190, -4.6070$ is the 20% darker color. If you saturate the color by 10%, you get $219.1080, -35.7150, -8.0270$, and if you desaturate by 10%, it is $238.4550, -8.7110, -1.8230$.

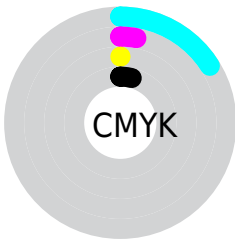
Distribution



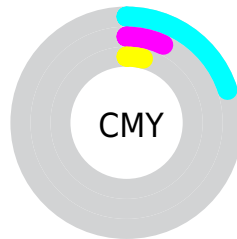
- Red (80%)
- Green (93%)
- Blue (96%)



- Red (80%)
- Yellow (87%)
- Blue (96%)



- Cyan (16%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)



- Cyan (20%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.9310, -21.9150, -4.8190 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 228.9310, -21.9150, -4.8190 by changing the saturation by 10% instead.

■ 228.9310,
-21.9150, -4.8190

■ 228.9310,
-21.9150, -4.8190

255.0000, -0.0000,
-0.0000

■ 200.9310,
-21.9150, -4.8190

■ 173.2300,
-21.3190, -4.6070

■ 146.5290,
-20.7230, -4.3950

■ 120.8280,
-20.1270, -4.1830

■ 95.7140, -19.8060,
-4.4940

■ 71.7140, -19.8060,
-4.4940

■ 48.7140, -19.8060,

-4.4940

■ 26.1160, -20.9980,
-4.9180

■ 10.6120, -10.5910,
-0.7910

■ 228.9310,
-21.9150, -4.8190

■ 228.9310,
-21.9150, -4.8190

■ 219.1080,
-35.7150, -8.0270

■ 238.4550, -8.7110,
-1.8230

■ 208.9970,
-48.6440, -10.5000

■ 248.8650, 4.8140,
0.8620

■ 199.1740,
-62.4440, -13.7080

■ 251.5120, 4.3100,
-1.0180

■ 189.6500,
-75.6480, -16.7040

■ 253.8600, 3.2100,
-3.1100

■ 179.8270,
-89.4480, -19.9120

■ 169.7160,
-102.3770, -22.3850

■ 159.8930,
-116.1770, -25.5930

■ 150.3690,
-129.3810, -28.5890

■ 146.5040,
-134.1950, -29.4510

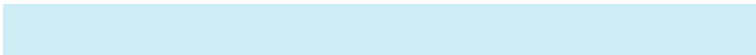
Harmonies

Analogous

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



228.5630, -18.0630, -8.5510



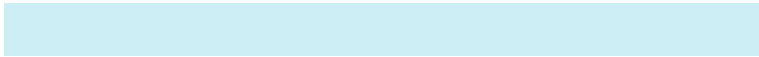
228.9310, -21.9150, -4.8190



230.6480, -19.4400, -0.1120

Triad

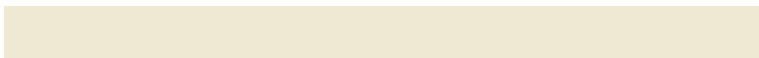
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.9310, -21.9150, -4.8190



234.5870, 8.8930, 9.5410



231.5850, 11.2340, -5.3580

Complementary

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



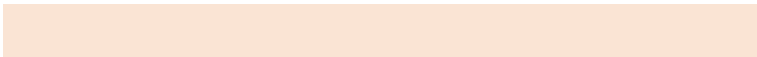
228.9310, -21.9150, -4.8190



221.0690, 21.9150, 4.8190

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.



232.7540, 18.2480, -0.3120



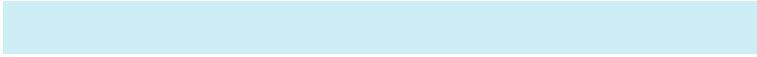
228.9310, -21.9150, -4.8190



234.5400, 16.2750, 7.9150

Square

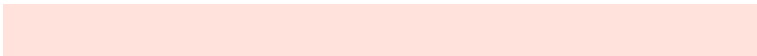
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



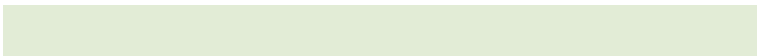
228.9310, -21.9150, -4.8190



233.4980, -1.1020, 8.9620



233.8730, 19.5310, 3.9710



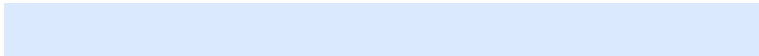
230.5020, 1.1020, -8.9620

Rectangle

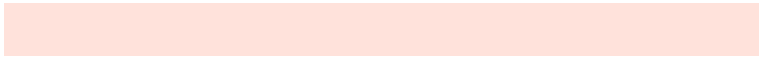
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



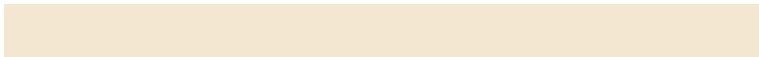
228.9310, -21.9150, -4.8190



231.2080, -15.0850, 3.5630



233.8730, 19.5310, 3.9710



232.1940, 13.8930, -3.9870

Sweetspot

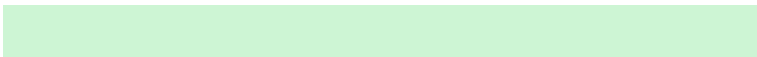
The Sweet Spot groups the original color and five complimentary colors.



228.9310, -21.9150, -4.8190



249.9390, -7.1980, -1.7100



229.2780, -13.2470, -18.7430



124.4340, -4.2180, -0.6500



0.0000, 0.0000, 0.0000



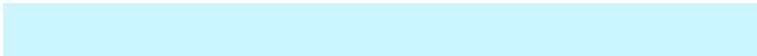
128.0000, -0.0000, -0.0000

Same Dimension

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



228.9310, -21.9150, -4.8190



234.4680, -27.9210, -6.1050



217.1910, -16.4150, 5.6410



117.2380, -6.6020, -1.4980



111.6020, -102.0560, -22.6960



34.9020, -32.1390, -6.7550

Inverse Universe

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



220.7220, 13.2470, 18.7430



224.0370, 16.9140, 23.8740



232.8090, 16.4150, -5.6410



114.7280, 3.9420, 5.6540



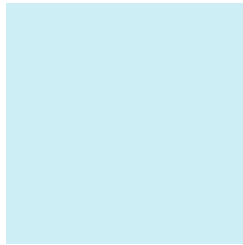
73.1700, 61.4220, 87.3260



23.1130, 19.7560, 27.4360

Previews

White Background



This preview shows how the YIQ color 228.9310, -21.9150, -4.8190 looks on a white background.

Color Contrast Check

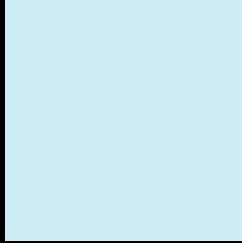
Large Text (above 18pt) WCAG AA × Fail

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 228.9310, -21.9150, -4.8190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

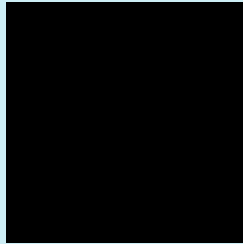
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 228.9310, -21.9150, -4.8190

Background



This preview shows how black text looks on a background with the YIQ color 228.9310, -21.9150, -4.8190.



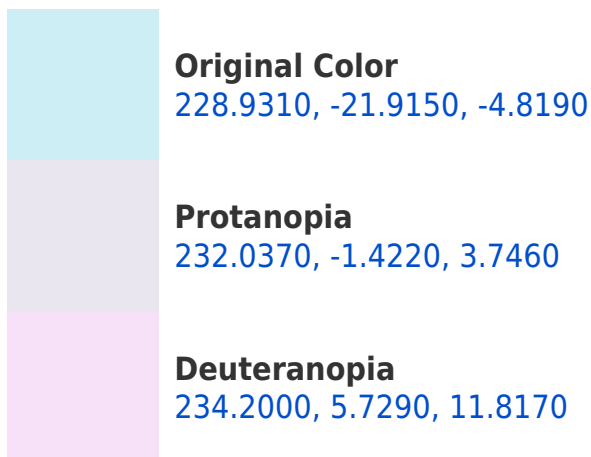
This preview shows how white text looks on a background with the YIQ color 228.9310, -21.9150, -4.8190.

-4.8190.

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

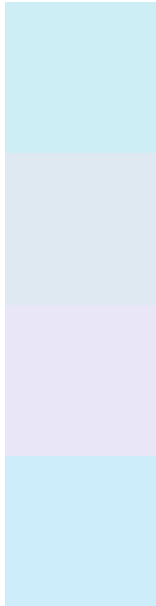




Tritanopia

229.4950, -23.3830, -0.2390

Trichromacy



Original Color

228.9310, -21.9150, -4.8190

Protanomaly

231.0360, -8.8490, 0.6790

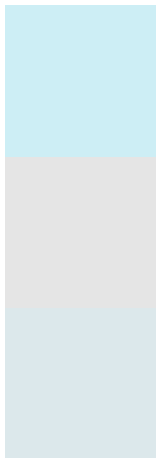
Deuteranomaly

232.5360, -4.2650, 5.7110

Tritanomaly

229.3270, -22.9700, -2.2180

Monochromacy



Original Color

228.9310, -21.9150, -4.8190

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

228.7540, -8.1150, -1.6110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.9310, -21.9150, -4.8190 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(205, 238, 245)` looks like.

```
.text, #text, p{  
    color:rgb(205, 238, 245)  
}
```

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(205, 238, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 238, 245) }
```

Border

The CSS property to change the border of an element to YIQ 228.9310, -21.9150, -4.8190 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(205, 238, 245) }
```


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

```
.border{ border-color:rgb(205, 238, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 238, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 238, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 238, 245);  
box-shadow:4px 4px 4px 4px rgb(205, 238,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 228.9310, -21.9150, -4.8190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 238, 245) }
```

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

```
.background{ background-color: rgb(205,  
238, 245) }
```

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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