

Converting Colors

YIQ(229.1910, -25.5830,
-4.4230)

Have a look what the booklet for
YIQ(229.1910, -25.5830, -4.4230)
contains.

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Color

**YIQ(229.1910, -25.5830,
-4.4230)**

Conversions

Conversions Part 1

Format	Color
Hex	CAEFFA
RGB	202, 239, 250
RGB Percent	79%, 94%, 98%
CMY	0.2079, 0.0627, 0.0197
CMYK	0.19, 0.04, 0.00, 0.02
HSL	194°, 83%, 89%
HSV	194°, 19%, 98%
XYZ	72.4735, 81.1962, 102.2721
YIQ	229.1910, -25.5830, -4.4230

Conversions

Conversions Part 2

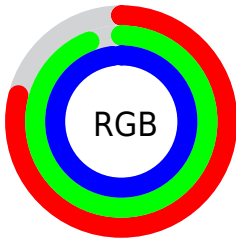
Format	Color
R_{YB}	202, 223, 250
Decimal	13299706
CIE _{Lab}	92.22, -9.67, -9.28
CIE _{LCh}	92, 13.405, 223.829
Yxy	81.1962, 0.2832, 0.3172
Android (android.graphics.Color)	4291489786 (0xFFCAE _{FFA})
YUV	229.1910, 10.2588, -23.8465
Hunter-Lab	90.1089, -14.1252, -4.2169

Details

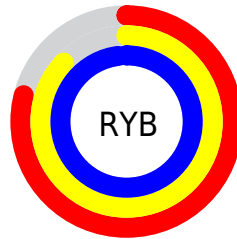
The YIQ color $229.1910, -25.5830, -4.4230$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $222.8090, 25.5830, 4.4230$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $173.4900, -24.9870, -4.2110$ is the 20% darker color. If you saturate the color by 10%, you get $218.1940, -38.8330, -6.5850$, and if you desaturate by 10%, it is $240.1880, -12.3330, -2.2610$.

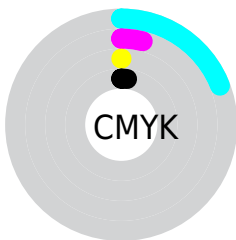
Distribution



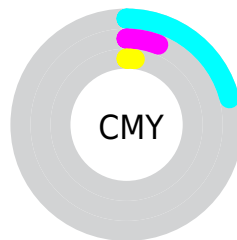
- Red (79%)
- Green (94%)
- Blue (98%)



- Red (79%)
- Yellow (87%)
- Blue (98%)



- Cyan (19%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (21%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.1910, -25.5830, -4.4230 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 229.1910, -25.5830, -4.4230 by changing the saturation by 10% instead.

■ 229.1910,
-25.5830, -4.4230

■ 229.1910,
-25.5830, -4.4230

255.0000, -0.0000,
-0.0000

■ 201.0770,
-25.2620, -4.7340

■ 173.4900,
-24.9870, -4.2110

■ 146.6750,
-24.0700, -4.3100

■ 120.6750,
-24.0700, -4.3100

■ 95.9740, -23.4740,
-4.0980

■ 71.5610, -23.7490,
-4.6210

■ 48.2620, -24.3450,

-4.8330

■ 26.1480, -24.0240,
-5.1440

■ 12.1280, -12.1040,
-0.9040

■ 229.1910,
-25.5830, -4.4230

■ 229.1910,
-25.5830, -4.4230

■ 218.1940,
-38.8330, -6.5850

■ 240.1880,
-12.3330, -2.2610

■ 207.7840,
-52.3580, -9.2700

■ 250.5980, 1.1920,
0.4240

■ 196.7870,
-65.6080, -11.4320

■ 254.4300, 1.6050,
-1.5550

■ 185.7900,
-78.8580, -13.5940

■ 174.7930,
-92.1080, -15.7560

■ 164.3830,
-105.6330, -18.4410

■ 153.3860,
-118.8830, -20.6030

■ 142.3890,
-132.1330, -22.7650

■ 141.7910,
-133.3250, -23.1890

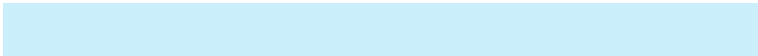
Harmonies

Analogous

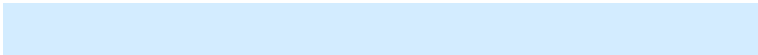
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.1110, -22.6020, -8.8900



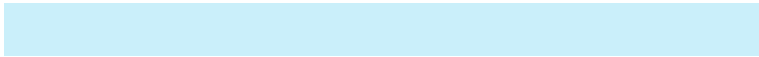
229.1910, -25.5830, -4.4230



230.6910, -20.9990, 0.6090

Triad

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



229.1910, -25.5830, -4.4230



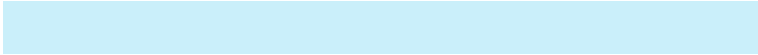
235.6800, 13.0650, 11.0250



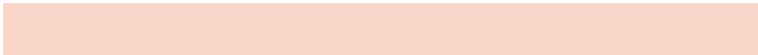
231.9330, 10.1340, -7.4500

Complementary

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



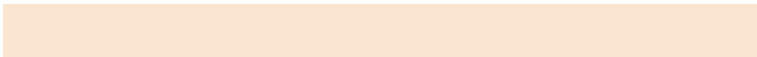
229.1910, -25.5830, -4.4230



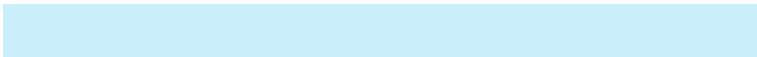
222.8090, 25.5830, 4.4230

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.



232.8850, 19.2570, -2.0790



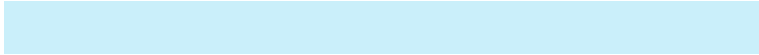
229.1910, -25.5830, -4.4230



233.6110, 17.5130, 7.5050

Square

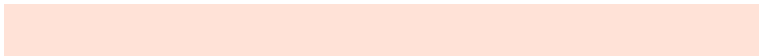
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



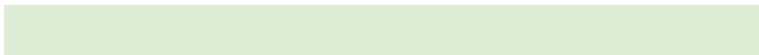
229.1910, -25.5830, -4.4230



235.1070, 1.5570, 10.3330



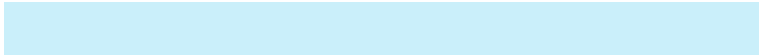
233.4170, 20.8150, 2.7270



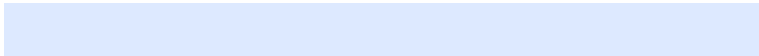
229.8930, -1.5570, -10.3330

Rectangle

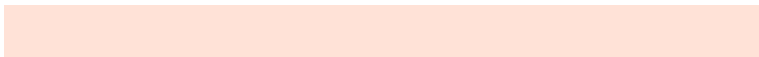
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.1910, -25.5830, -4.4230



231.9200, -14.2140, 4.2980



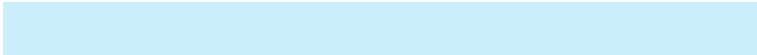
233.4170, 20.8150, 2.7270



232.1400, 13.9850, -5.6550

Sweetspot

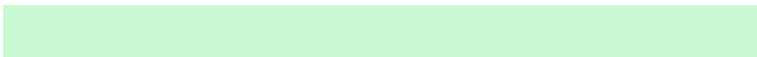
The Sweet Spot groups the original color and five complimentary colors.



229.1910, -25.5830, -4.4230



248.7540, -8.1150, -1.6110



231.3160, -16.4100, -21.9940



123.5480, -4.5390, -0.3390



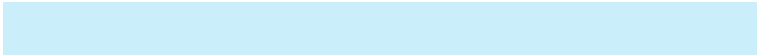
0.0000, 0.0000, 0.0000



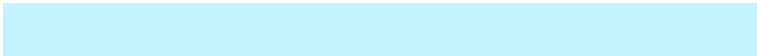
128.0000, -0.0000, -0.0000

Same Dimension

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



229.1910, -25.5830, -4.4230



229.7280, -31.5890, -5.7090



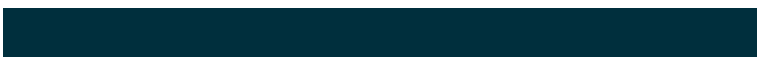
215.6900, -19.2580, 7.6060



119.3520, -6.9230, -1.1870



107.2480, -100.8190, -17.5790



34.5430, -32.5060, -5.6100

Inverse Universe

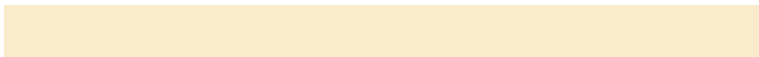
The Inverse Universe completely reimagines the original color for something new.



220.5700, 16.7310, 21.6830



218.8850, 20.3980, 26.8140



236.3100, 19.2580, -7.6060



117.0270, 4.5380, 5.8660



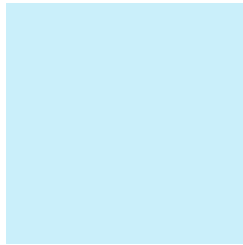
73.1550, 65.7780, 85.4740



23.5970, 21.2690, 27.5490

Previews

White Background



This preview shows how the YIQ color 229.1910, -25.5830, -4.4230 looks on a white background.

Color Contrast Check

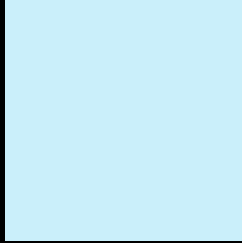
Large Text (above 18pt) WCAG AA × Fail

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 229.1910, -25.5830, -4.4230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

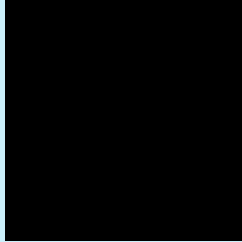
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 229.1910, -25.5830, -4.4230

Background



This preview shows how black text looks on a background with the YIQ color 229.1910, -25.5830, -4.4230.



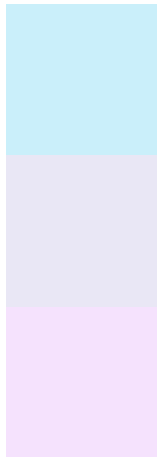
This preview shows how white text looks on a background with the YIQ color 229.1910, -25.5830, -4.4230.

-4.4230.

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

229.1910, -25.5830, -4.4230

Protanopia

233.1940, -3.3020, 4.7780

Deuteranopia

234.7590, 2.6570, 12.4250



Tritanopia

229.7830, -24.2540, -0.9740

Trichromacy



Original Color

229.1910, -25.5830, -4.4230

Protanomaly

231.8940, -11.3250, 1.4990

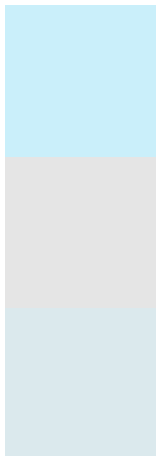
Deuteranomaly

232.7960, -7.9330, 6.1070

Tritanomaly

229.8430, -24.4830, -2.3310

Monochromacy



Original Color

229.1910, -25.5830, -4.4230

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

229.2700, -9.6280, -1.7240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.1910, -25.5830, -4.4230 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(202, 239, 250)` looks like.

```
.text, #text, p{  
    color:rgb(202, 239, 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(202, 239, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 239, 250) }
```

Border

The CSS property to change the border of an element to YIQ 229.1910, -25.5830, -4.4230 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(202, 239, 250) }
```


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

```
.border{ border-color:rgb(202, 239, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 239, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 239, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 239, 250);  
box-shadow:4px 4px 4px 4px rgb(202, 239,  
250) }
```

Background

The CSS property to change the background color of an element to YIQ 229.1910, -25.5830, -4.4230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 239, 250) }
```

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

```
.background{ background-color: rgb(202,  
239, 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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