

Converting Colors

YIQ(230.3700, -24.5290,
-1.4970)

Have a look what the booklet for
YIQ(230.3700, -24.5290, -1.4970)
contains.

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Color

**YIQ(230.3700, -24.5290,
-1.4970)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CEEEEFF |
| RGB | 206, 238, 255 |
| RGB Percent | 81%, 93%, 100% |
| CMY | 0.1922, 0.0666, 0.0001 |
| CMYK | 0.19, 0.07, 0.00, 0.00 |
| HSL | 201°, 100%, 90% |
| HSV | 201°, 19%, 100% |
| XYZ | 74.0729, 81.4945, 106.4099 |
| YIQ | 230.3700, -24.5290, -1.4970 |

Conversions

Conversions Part 2

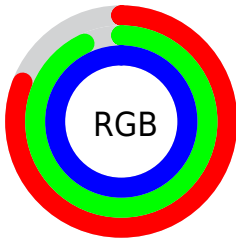
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 206, 225, 255 |
| Decimal | 13561599 |
| CIE Lab | 92.35, -6.91, -11.66 |
| CIE LCh | 92, 13.553, 239.368 |
| Yxy | 81.4945, 0.2827, 0.3111 |
| Android (android.graphics.Color) | 4291751679 (0xFFCEEEFF) |
| YUV | 230.3700, 12.1426, -21.3725 |
| Hunter-Lab | 90.2743, -11.5153, -6.6954 |

Details

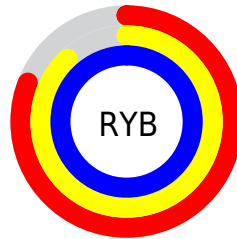
The YIQ color $230.3700, -24.5290, -1.4970$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $230.6300, 24.5290, 1.4970$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $174.5550, -23.6120, -1.5960$ is the 20% darker color. If you saturate the color by 10%, you get $217.3130, -37.5500, -2.3020$, and if you desaturate by 10%, it is $243.1280, -12.1040, -0.9040$.

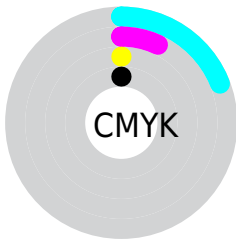
Distribution



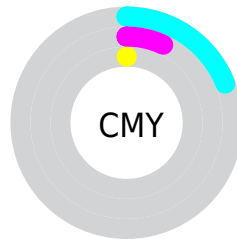
- Red (81%)
- Green (93%)
- Blue (100%)



- Red (81%)
- Yellow (88%)
- Blue (100%)



- Cyan (19%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.3700, -24.5290, -1.4970 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 230.3700, -24.5290, -1.4970 by changing the saturation by 10% instead.

■ 230.3700,
-24.5290, -1.4970

■ 230.3700,
-24.5290, -1.4970

255.0000, -0.0000,
-0.0000

■ 202.2560,
-24.2080, -1.8080

■ 174.5550,
-23.6120, -1.5960

■ 147.8540,
-23.0160, -1.3840

■ 121.7400,
-22.6950, -1.6950

■ 96.7400, -22.6950,
-1.6950

■ 72.6260, -22.3740,
-2.0060

■ 49.2130, -22.6490,

-2.5290

■ 26.9030, -24.7120,
-3.6880

■ 11.2960, -12.5170,
1.0750

■ 230.3700,
-24.5290, -1.4970

■ 230.3700,
-24.5290, -1.4970

■ 217.3130,
-37.5500, -2.3020

■ 243.1280,
-12.1040, -0.9040

■ 204.5550,
-49.9750, -2.8950

255.0000, -0.0000,
-0.0000

■ 192.0850,
-63.2710, -4.2230

■ 179.3270,
-75.6960, -4.8160

■ 166.2700,
-88.7170, -5.6210

■ 153.5120,
-101.1420, -6.2140

■ 140.7540,
-113.5670, -6.8070

■ 127.6970,
-126.5880, -7.6120

■ 127.0990,
-127.7800, -8.0360

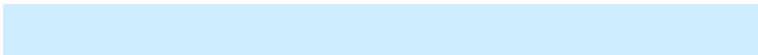
Harmonies

Analogous

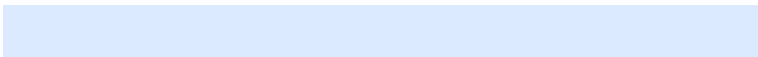
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.6100, -25.4450, -6.9250



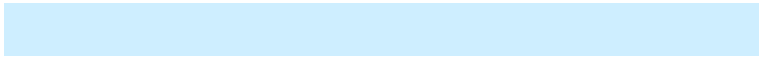
230.3700, -24.5290, -1.4970



231.9090, -15.6810, 3.3510

Triad

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



230.3700, -24.5290, -1.4970



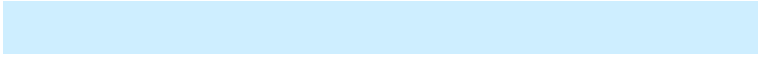
234.4090, 15.2660, 9.6820



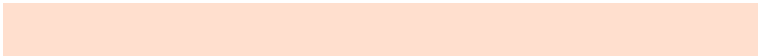
231.2420, 4.7700, -9.3580

Complementary

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



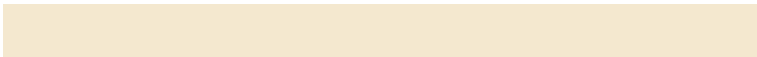
230.3700, -24.5290, -1.4970



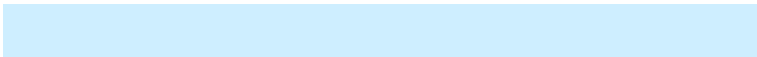
230.6300, 24.5290, 1.4970

Split Complementary

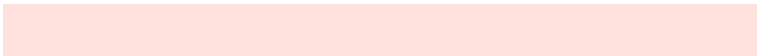
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.7380, 15.1770, -5.2310



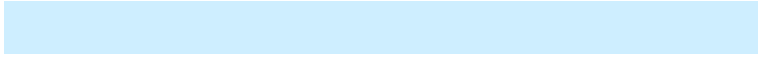
230.3700, -24.5290, -1.4970



233.5140, 19.1640, 5.1160

Square

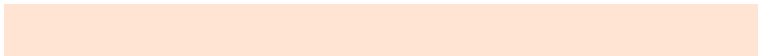
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



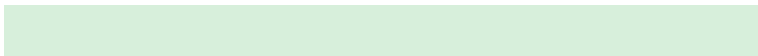
230.3700, -24.5290, -1.4970



235.5700, 7.5630, 11.6190



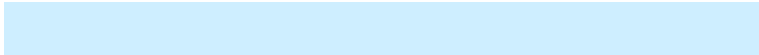
234.1350, 21.5490, 0.4370



229.5440, -7.8840, -11.3080

Rectangle

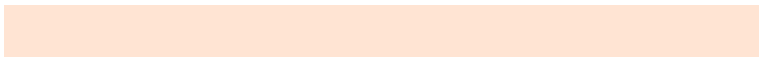
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230.3700, -24.5290, -1.4970



233.4370, -8.3000, 7.2520



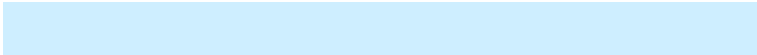
234.1350, 21.5490, 0.4370



231.9220, 8.6670, -8.3970

Sweetspot

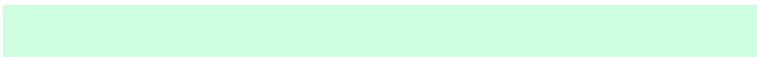
The Sweet Spot groups the original color and five complimentary colors.



230.3700, -24.5290, -1.4970



247.5800, -7.5650, -0.5650



236.5870, -18.6110, -20.6510



122.9610, -4.2640, 0.1840



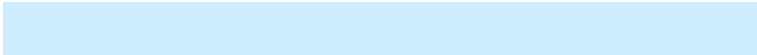
0.0000, 0.0000, 0.0000



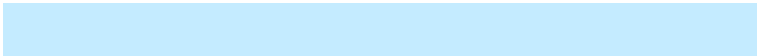
128.0000, -0.0000, -0.0000

Same Dimension

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



230.3700, -24.5290, -1.4970



225.6190, -29.6640, -2.0480



216.2820, -17.9290, 11.0550



121.1780, -6.3730, -0.1410



95.1490, -95.6860, -5.9740



31.9500, -32.0940, -2.0620

Inverse Universe

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



224.2990, 18.9320, 20.3400



218.0870, 22.6450, 24.6370



244.7180, 17.9290, -11.0550



119.7990, 5.1800, 5.2440



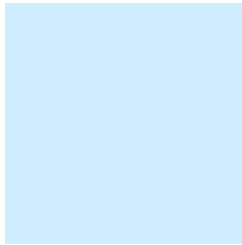
71.3590, 73.7110, 79.3670



23.9240, 24.6620, 26.6300

Previews

White Background



This preview shows how the YIQ color 230.3700, -24.5290, -1.4970 looks on a white background.

Color Contrast Check

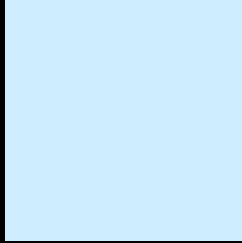
Large Text (above 18pt) WCAG AA × Fail

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 230.3700, -24.5290, -1.4970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

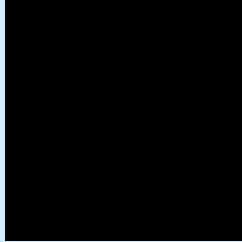
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

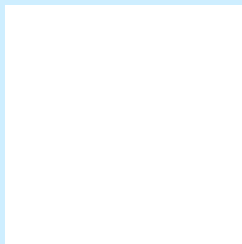
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 230.3700, -24.5290, -1.4970

Background



This preview shows how black text looks on a background with the YIQ color 230.3700, -24.5290, -1.4970.



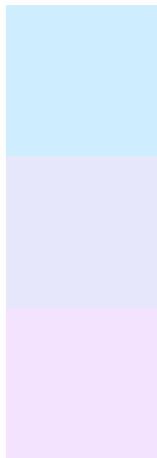
This preview shows how white text looks on a background with the YIQ color 230.3700, -24.5290, -1.4970.

-1.4970.

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

230.3700, -24.5290, -1.4970

Protanopia

233.2800, -6.4200, 6.2200

Deuteranopia

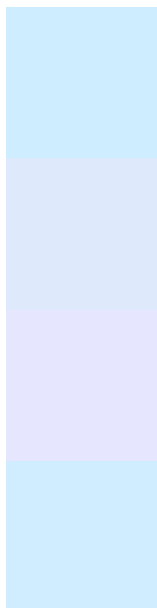
234.9760, 0.5480, 12.1000



Tritanopia

230.3810, -23.0620, -0.5500

Trichromacy



Original Color

230.3700, -24.5290, -1.4970

Protanomaly

232.4640, -12.9300, 3.0540

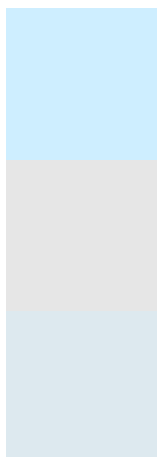
Deuteranomaly

233.4370, -8.3000, 7.2520

Tritanomaly

230.0820, -23.6580, -0.7620

Monochromacy



Original Color

230.3700, -24.5290, -1.4970

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

230.0960, -9.0780, -0.6780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.3700, -24.5290, -1.4970 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(206, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(206, 238, 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(206, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 238, 255) }
```

Border

The CSS property to change the border of an element to YIQ 230.3700, -24.5290, -1.4970 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(206, 238, 255) }
```


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

```
.border{ border-color:rgb(206, 238, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 238, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(206, 238,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 230.3700, -24.5290, -1.4970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 238, 255) }
```

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

```
.background{ background-color: rgb(206,  
238, 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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