

Converting Colors

YIQ(229.3710, -17.1020, 1.5700)

Have a look what the booklet for
YIQ(229.3710, -17.1020, 1.5700)
contains.

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Color

**YIQ(229.3710, -17.1020,
1.5700)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E9FB
RGB	214, 233, 251
RGB Percent	84%, 91%, 98%
CMY	0.1608, 0.0862, 0.0158
CMYK	0.15, 0.07, 0.00, 0.02
HSL	209°, 82%, 91%
HSV	209°, 15%, 98%
XYZ	74.2795, 79.5409, 102.6875
YIQ	229.3710, -17.1020, 1.5700

Conversions

Conversions Part 2

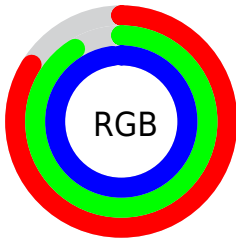
Format	Color
R_{YB}	214, 227, 251
Decimal	14084603
CIE _{Lab}	91.48, -2.72, -10.82
CIE _{LCh}	91, 11.160, 255.916
Yxy	79.5409, 0.2896, 0.3101
Android (android.graphics.Color)	4292274683 (0xFFD6E9FB)
YUV	229.3710, 10.6631, -13.4804
Hunter-Lab	89.1857, -7.4089, -5.8359

Details

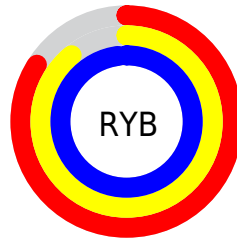
The YIQ color $229.3710, -17.1020, 1.5700$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $235.6290, 17.1020, -1.5700$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $173.5560, -16.1850, 1.4710$ is the 20% darker color. If you saturate the color by 10%, you get $214.8520, -28.7020, 2.5460$, and if you desaturate by 10%, it is $243.8900, -5.5020, 0.5940$.

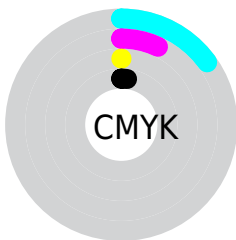
Distribution



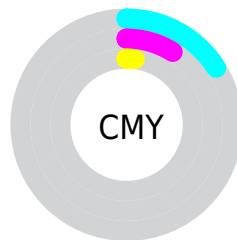
- Red (84%)
- Green (91%)
- Blue (98%)



- Red (84%)
- Yellow (89%)
- Blue (98%)



- Cyan (15%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.3710, -17.1020, 1.5700 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 229.3710, -17.1020, 1.5700 by changing the saturation by 10% instead.

■ 229.3710,
-17.1020, 1.5700

■ 229.3710,
-17.1020, 1.5700

■ 255.0000, -0.0000,
-0.0000

■ 201.2570,
-16.7810, 1.2590

■ 173.5560,
-16.1850, 1.4710

■ 147.4420,
-15.8640, 1.1600

■ 121.4420,
-15.8640, 1.1600

■ 96.3280, -15.5430,
0.8490

■ 72.6270, -14.9470,
1.0610

■ 49.5130, -14.6260,

0.7500

■ 28.1000, -14.9010,
0.2270

■ 8.1330, -10.5000,
3.0680

■ 229.3710,
-17.1020, 1.5700

■ 229.3710,
-17.1020, 1.5700

■ 214.8520,
-28.7020, 2.5460

■ 243.8900, -5.5020,
0.5940

■ 200.3330,
-40.3020, 3.5220

■ 254.5440, 1.2840,
-1.2440

■ 185.2270,
-51.6270, 5.0210

■ 170.7080,
-63.2270, 5.9970

■ 156.1890,
-74.8270, 6.9730

■ 141.3710,
-87.0230, 7.7370

■ 126.8520,
-98.6230, 8.7130

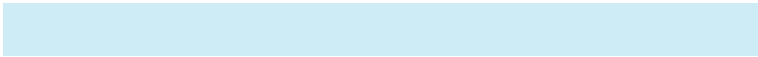
■ 111.7460,
-109.9480, 10.2120

■ 104.3370,
-116.0460, 10.5940

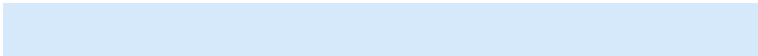
Harmonies

Analogous

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



228.0560, -20.7690, -3.5610



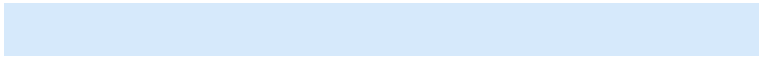
229.3710, -17.1020, 1.5700



231.4970, -8.5290, 5.8950

Triad

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



229.3710, -17.1020, 1.5700



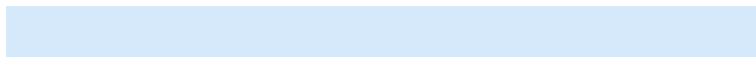
232.4970, 17.8340, 7.1940



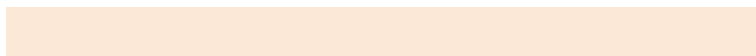
228.5340, -1.9240, -9.1880

Complementary

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



229.3710, -17.1020, 1.5700



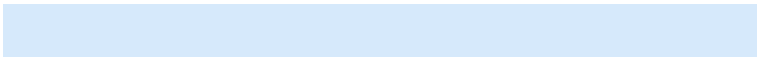
235.6290, 17.1020, -1.5700

Split Complementary

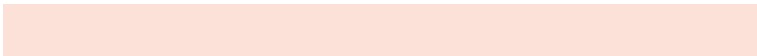
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.7910, 7.6580, -6.6300



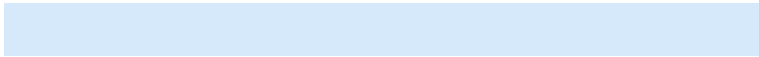
229.3710, -17.1020, 1.5700



232.0470, 18.9810, 2.9250

Square

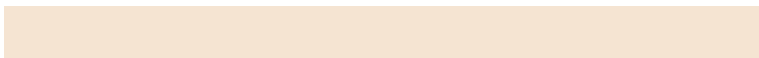
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.3710, -17.1020, 1.5700



233.1420, 11.6440, 9.2440



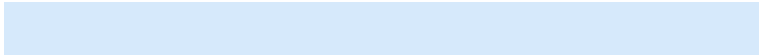
231.0310, 15.9100, -1.9940



227.5590, -12.2400, -9.4560

Rectangle

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



229.3710, -17.1020, 1.5700



231.7860, -1.9730, 8.2270



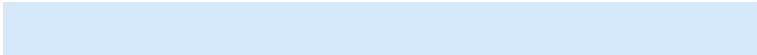
231.0310, 15.9100, -1.9940



228.9150, 1.3770, -8.4390

Sweetspot

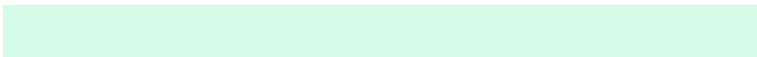
The Sweet Spot groups the original color and five complimentary colors.



229.3710, -17.1020, 1.5700



249.0750, -4.5850, 0.4950



237.7710, -15.9530, -13.7530



123.5590, -3.0720, 0.6080



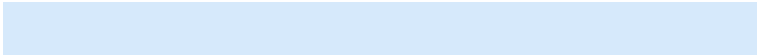
0.0000, 0.0000, 0.0000



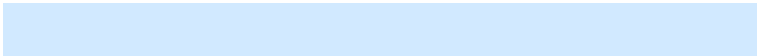
128.0000, -0.0000, -0.0000

Same Dimension

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



229.3710, -17.1020, 1.5700



228.3320, -21.3660, 1.7540



218.8050, -12.1520, 10.9840



117.5910, -6.0980, 0.3820



78.4850, -87.3440, 8.0480



25.1510, -28.1060, 2.7580

Inverse Universe

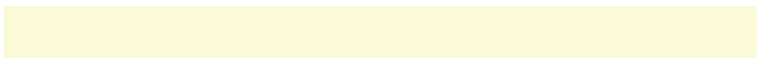
The Inverse Universe completely reimagines the original color for something new.



227.2290, 15.9530, 13.7530



225.4900, 19.7120, 17.2160



246.1950, 12.1520, -10.9840



116.6850, 5.5010, 4.9330



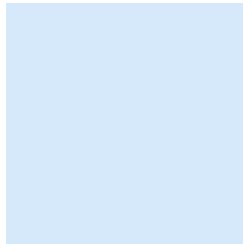
67.5690, 81.5070, 70.2350



21.7730, 26.4050, 22.5730

Previews

White Background



This preview shows how the YIQ color 229.3710, -17.1020, 1.5700 looks on a white background.

Color Contrast Check

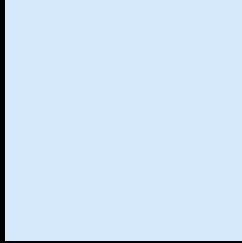
Large Text (above 18pt) WCAG AA × Fail

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 229.3710, -17.1020, 1.5700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

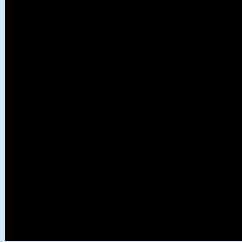
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

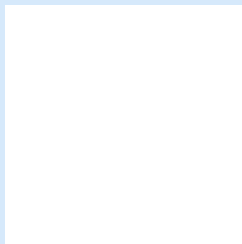
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 229.3710, -17.1020, 1.5700

Background



This preview shows how black text looks on a background with the YIQ color 229.3710, -17.1020, 1.5700.



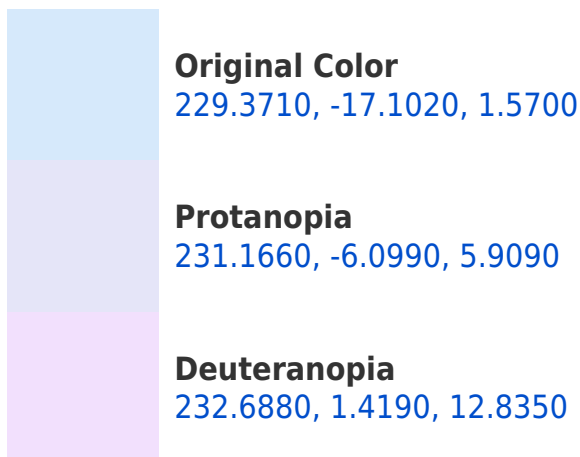
This preview shows how white text looks on a background with the YIQ color 229.3710, -17.1020,

1.5700.

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

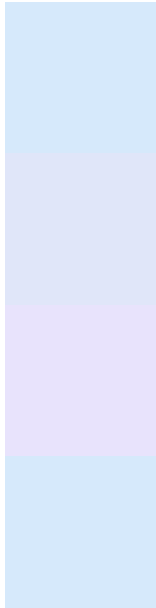




Tritanopia

229.3710, -17.1020, 1.5700

Trichromacy



Original Color

229.3710, -17.1020, 1.5700

Protanomaly

230.3720, -9.6750, 4.6370

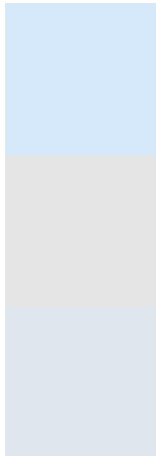
Deuteranomaly

231.3450, -5.0450, 8.8350

Tritanomaly

229.3710, -17.1020, 1.5700

Monochromacy



Original Color

229.3710, -17.1020, 1.5700

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

229.0040, -5.8230, 0.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.3710, -17.1020, 1.5700 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(214, 233, 251)` looks like.

```
.text, #text, p{  
    color:rgb(214, 233, 251)  
}
```

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(214, 233, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 233, 251) }
```

Border

The CSS property to change the border of an element to YIQ 229.3710, -17.1020, 1.5700 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(214, 233, 251) }
```


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

```
.border{ border-color:rgb(214, 233, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 233, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 233, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 233, 251);  
box-shadow:4px 4px 4px 4px rgb(214, 233,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 229.3710, -17.1020, 1.5700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 233, 251) }
```

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

```
.background{ background-color: rgb(214,  
233, 251) }
```

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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