

Converting Colors

YIQ(230.2240, -21.1820,
-1.5820)

Have a look what the booklet for
YIQ(230.2240, -21.1820, -1.5820)
contains.

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Color

**YIQ(230.2240, -21.1820,
-1.5820)**

Conversions

Conversions Part 1

Format	Color
Hex	D1EDFB
RGB	209, 237, 251
RGB Percent	82%, 93%, 98%
CMY	0.1804, 0.0705, 0.0158
CMYK	0.17, 0.06, 0.00, 0.02
HSL	200°, 84%, 90%
HSV	200°, 17%, 98%
XYZ	73.9867, 81.0919, 102.9996
YIQ	230.2240, -21.1820, -1.5820

Conversions

Conversions Part 2

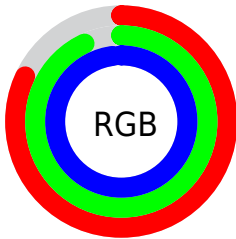
Format	Color
R _Y B	209, 226, 251
Decimal	13757947
CIE Lab	92.17, -6.31, -9.83
CIE LCh	92, 11.680, 237.280
Yxy	81.0919, 0.2867, 0.3142
Android (android.graphics.Color)	4291948027 (0xFFD1EDFB)
YUV	230.2240, 10.2426, -18.6134
Hunter-Lab	90.0510, -10.9322, -4.7797

Details

The YIQ color $230.2240, -21.1820, -1.5820$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $229.7760, 21.1820, 1.5820$, 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 $174.4090, -20.2650, -1.6810$ is the 20% darker color. If you saturate the color by 10%, you get $218.0530, -33.8820, -2.6980$, and if you desaturate by 10%, it is $242.3950, -8.4820, -0.4660$.

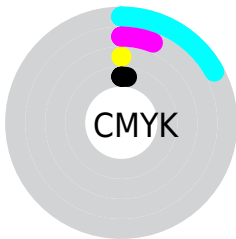
Distribution



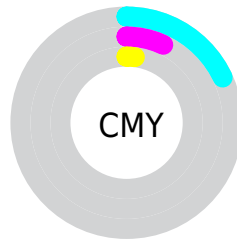
- Red (82%)
- Green (93%)
- Blue (98%)



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



- Cyan (17%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.2240, -21.1820, -1.5820 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 230.2240, -21.1820, -1.5820 by changing the saturation by 10% instead.

■ 230.2240,
-21.1820, -1.5820

■ 230.2240,
-21.1820, -1.5820

255.0000, -0.0000,
-0.0000

■ 202.1100,
-20.8610, -1.8930

■ 174.4090,
-20.2650, -1.6810

■ 147.7080,
-19.6690, -1.4690

■ 121.7080,
-19.6690, -1.4690

■ 96.8930, -18.7520,
-1.5680

■ 72.8930, -18.7520,
-1.5680

■ 49.7790, -18.4310,

-1.8790

■ 27.7680, -19.8980,
-2.8260

■ 10.4810, -11.6000,
0.9760

■ 230.2240,
-21.1820, -1.5820

■ 230.2240,
-21.1820, -1.5820

■ 218.0530,
-33.8820, -2.6980

■ 242.3950, -8.4820,
-0.4660

■ 205.2950,
-46.3070, -3.2910

■ 253.9570, 1.5590,
-0.7210

■ 193.1240,
-59.0070, -4.4070

■ 254.5440, 1.2840,
-1.2440

■ 180.9530,
-71.7070, -5.5230

■ 167.8960,
-84.7280, -6.3280

■ 155.7250,
-97.4280, -7.4440

■ 143.5540,
-110.1280, -8.5600

■ 130.7960,
-122.5530, -9.1530

■ 127.2300,
-126.7710, -9.8030

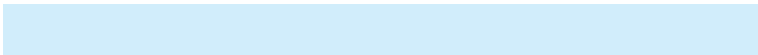
Harmonies

Analogous

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



229.1760, -21.2270, -6.2750



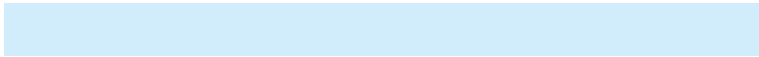
230.2240, -21.1820, -1.5820



232.2080, -15.0850, 3.5630

Triad

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



230.2240, -21.1820, -1.5820



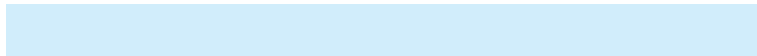
234.9960, 14.9910, 9.1590



231.2960, 4.6780, -7.6900

Complementary

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



230.2240, -21.1820, -1.5820



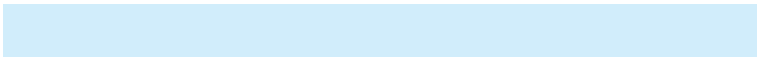
229.7760, 21.1820, 1.5820

Split Complementary

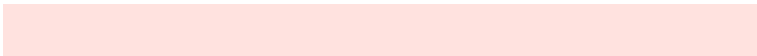
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.1940, 13.8930, -3.9870



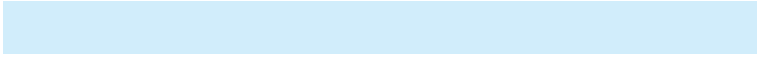
230.2240, -21.1820, -1.5820



234.3290, 18.2470, 5.2150

Square

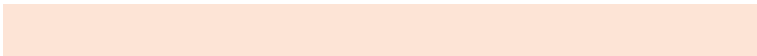
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.2240, -21.1820, -1.5820



235.0320, 6.1420, 9.8380



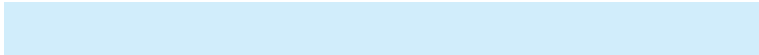
233.8790, 19.3940, 0.9460



229.9680, -6.1420, -9.8380

Rectangle

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



230.2240, -21.1820, -1.5820



233.0240, -8.5750, 6.7290



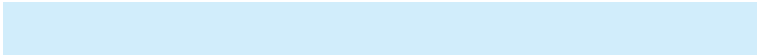
233.8790, 19.3940, 0.9460



231.6770, 7.9790, -6.9410

Sweetspot

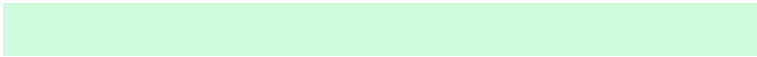
The Sweet Spot groups the original color and five complimentary colors.



230.2240, -21.1820, -1.5820



248.7650, -6.6480, -0.6640



235.1360, -15.7230, -17.9230



123.8470, -3.9430, -0.1270



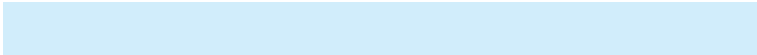
0.0000, 0.0000, 0.0000



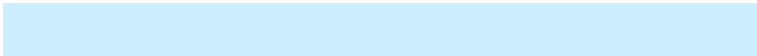
128.0000, -0.0000, -0.0000

Same Dimension

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



230.2240, -21.1820, -1.5820



229.7720, -25.7210, -1.9210



218.4840, -15.6820, 8.8780



118.7650, -6.6480, -0.6640



95.5080, -95.3190, -7.1190



31.0210, -30.8560, -2.4720

Inverse Universe

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



224.7500, 16.0440, 17.6120



223.1250, 19.4820, 21.3860



241.5160, 15.6820, -8.8780



116.9130, 4.8590, 5.5550



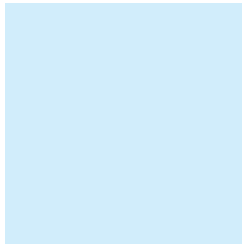
70.8750, 72.1980, 79.2540



22.9130, 23.1950, 25.6830

Previews

White Background



This preview shows how the YIQ color 230.2240, -21.1820, -1.5820 looks on a white background.

Color Contrast Check

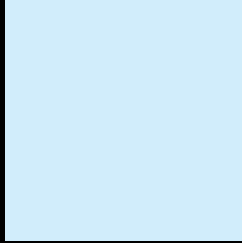
Large Text (above 18pt) WCAG AA × Fail

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 230.2240, -21.1820, -1.5820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

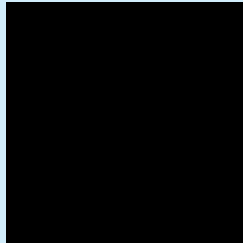
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

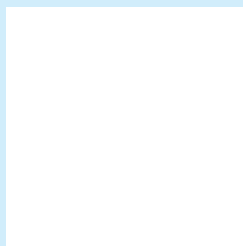
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 230.2240, -21.1820, -1.5820

Background



This preview shows how black text looks on a background with the YIQ color 230.2240, -21.1820, -1.5820.



This preview shows how white text looks on a background with the YIQ color 230.2240, -21.1820, -1.5820.

-1.5820.

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

230.2240, -21.1820, -1.5820

Protanopia

233.1230, -4.5400, 5.1880

Deuteranopia

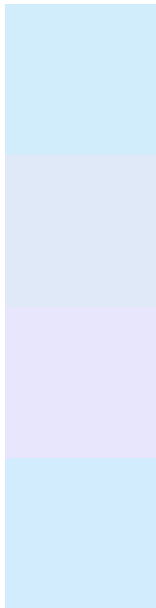
234.7590, 2.6570, 12.4250



Tritanopia

230.3920, -21.5950, 0.3970

Trichromacy



Original Color

230.2240, -21.1820, -1.5820

Protanomaly

232.0190, -10.1790, 2.7570

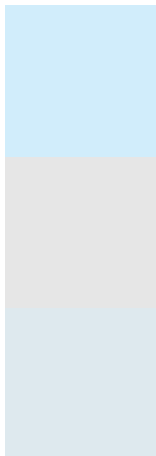
Deuteranomaly

233.1060, -5.8700, 7.2660

Tritanomaly

230.2780, -21.2740, 0.0860

Monochromacy



Original Color

230.2240, -21.1820, -1.5820

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

230.2810, -8.1610, -0.7770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.2240, -21.1820, -1.5820 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, 237, 251)` looks like.

```
.text, #text, p{  
    color:rgb(209, 237, 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(209, 237, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 237, 251) }
```

Border

The CSS property to change the border of an element to YIQ 230.2240, -21.1820, -1.5820 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, 237, 251) }
```


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

```
.border{ border-color:rgb(209, 237, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 237, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 237, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 237, 251);  
box-shadow:4px 4px 4px 4px rgb(209, 237,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 230.2240, -21.1820, -1.5820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 237, 251) }
```

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

```
.background{ background-color: rgb(209,  
237, 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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