

Converting Colors

YIQ(229.1700, -21.0900,
-3.2500)

Have a look what the booklet for
YIQ(229.1700, -21.0900, -3.2500)
contains.

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Color

**YIQ(229.1700, -21.0900,
-3.2500)**

Conversions

Conversions Part 1

Format	Color
Hex	CFEDF7
RGB	207, 237, 247
RGB Percent	81%, 93%, 97%
CMY	0.1883, 0.0705, 0.0315
CMYK	0.16, 0.04, 0.00, 0.03
HSL	195°, 71%, 89%
HSV	195°, 16%, 97%
XYZ	72.8002, 80.5527, 99.6881
YIQ	229.1700, -21.0900, -3.2500

Conversions

Conversions Part 2

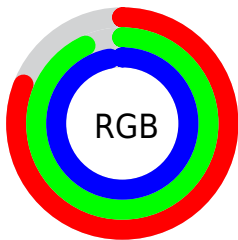
Format	Color
R _Y B	207, 224, 247
Decimal	13626871
CIE Lab	91.93, -7.75, -8.11
CIE LCh	92, 11.220, 226.315
Yxy	80.5527, 0.2877, 0.3183
Android (android.graphics.Color)	4291816951 (0xFFCFEDF7)
YUV	229.1700, 8.7902, -19.4431
Hunter-Lab	89.7511, -12.2770, -3.0286

Details

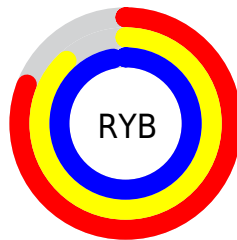
The YIQ color $229.1700, -21.0900, -3.2500$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $224.8300, 21.0900, 3.2500$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $173.4690, -20.4940, -3.0380$ is the 20% darker color. If you saturate the color by 10%, you get $218.1730, -34.3400, -5.4120$, and if you desaturate by 10%, it is $240.1670, -7.8400, -1.0880$.

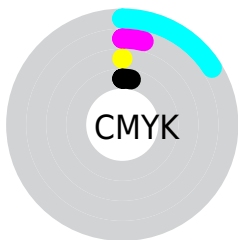
Distribution



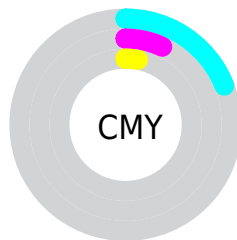
- Red (81%)
- Green (93%)
- Blue (97%)



- Red (81%)
- Yellow (88%)
- Blue (97%)



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



- Cyan (19%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.1700, -21.0900, -3.2500 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 229.1700, -21.0900, -3.2500 by changing the saturation by 10% instead.

■ 229.1700,
-21.0900, -3.2500

■ 229.1700,
-21.0900, -3.2500

255.0000, -0.0000,
-0.0000

■ 201.0560,
-20.7690, -3.5610

■ 173.4690,
-20.4940, -3.0380

■ 146.7680,
-19.8980, -2.8260

■ 120.6540,
-19.5770, -3.1370

■ 95.9530, -18.9810,
-2.9250

■ 71.9530, -18.9810,
-2.9250

■ 48.8390, -18.6600,

-3.2360

■ 26.8280, -20.1270,
-4.1830

■ 10.7260, -10.9120,
-0.4800

■ 229.1700,
-21.0900, -3.2500

■ 229.1700,
-21.0900, -3.2500

■ 218.1730,
-34.3400, -5.4120

■ 240.1670, -7.8400,
-1.0880

■ 207.4750,
-46.9940, -7.3620

■ 250.5660, 4.2180,
0.6500

■ 196.4780,
-60.2440, -9.5240

■ 254.0880, 2.5680,
-2.4880

■ 184.8940,
-73.2190, -11.1630

■ 173.8970,
-86.4690, -13.3250

■ 163.1990,
-99.1230, -15.2750

■ 152.2020,
-112.3730, -17.4370

■ 141.2050,
-125.6230, -19.5990

■ 136.7530,
-130.1620, -19.9380

Harmonies

Analogous

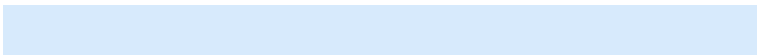
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.3180, -18.7510, -7.0950



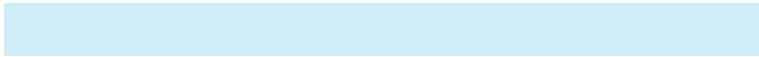
229.1700, -21.0900, -3.2500



230.3710, -17.1020, 1.5700

Triad

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



229.1700, -21.0900, -3.2500



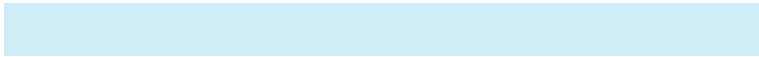
234.1420, 11.6440, 9.2440



231.0900, 8.2540, -6.4180

Complementary

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



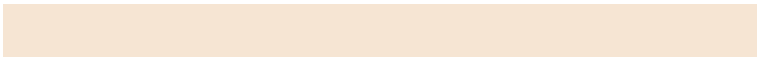
229.1700, -21.0900, -3.2500



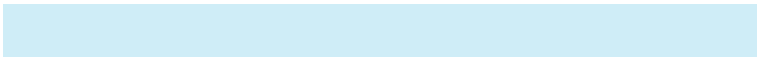
224.8300, 21.0900, 3.2500

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.



232.0310, 15.9100, -1.9940



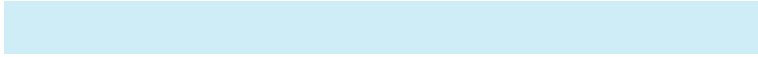
229.1700, -21.0900, -3.2500



234.0840, 17.5590, 6.6710

Square

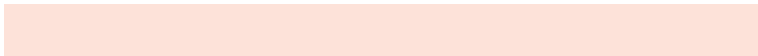
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.1700, -21.0900, -3.2500



233.4660, 1.9240, 9.1880



233.0470, 18.9810, 2.9250



229.6480, -2.2450, -8.8770

Rectangle

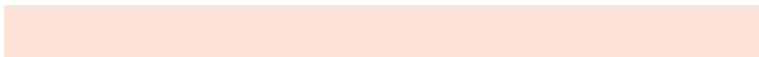
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



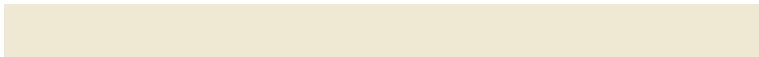
229.1700, -21.0900, -3.2500



232.0020, -11.5090, 4.8350



233.0470, 18.9810, 2.9250



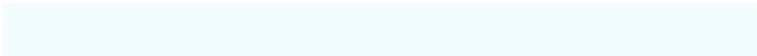
231.6990, 10.9130, -5.0470

Sweetspot

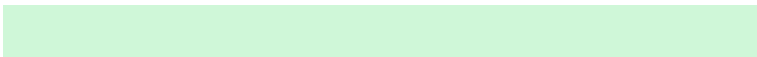
The Sweet Spot groups the original color and five complimentary colors.



229.1700, -21.0900, -3.2500



249.3520, -6.9230, -1.1870



231.5060, -13.8890, -18.1210



124.4340, -4.2180, -0.6500



0.0000, 0.0000, 0.0000



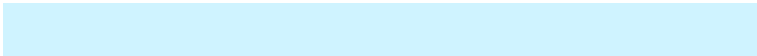
128.0000, -0.0000, -0.0000

Same Dimension

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



229.1700, -21.0900, -3.2500



233.6040, -25.3080, -3.9000



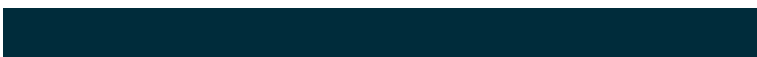
218.0170, -15.8650, 6.6870



116.6510, -6.3270, -0.9750



103.3840, -98.2060, -15.3740



32.5540, -31.0390, -4.6630

Inverse Universe

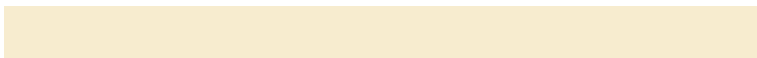
The Inverse Universe completely reimagines the original color for something new.



222.3800, 14.2100, 17.8100



225.4560, 17.0520, 21.3720



235.9830, 15.8650, -6.6870



114.6140, 4.2630, 5.3430



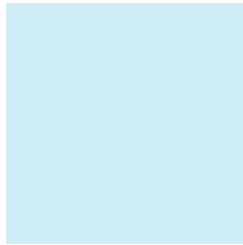
71.5740, 65.9160, 82.9720



22.6570, 21.0400, 26.1920

Previews

White Background



This preview shows how the YIQ color 229.1700, -21.0900, -3.2500 looks on a white background.

Color Contrast Check

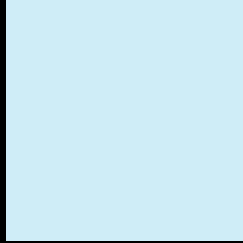
Large Text (above 18pt) WCAG AA × Fail

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 229.1700, -21.0900, -3.2500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

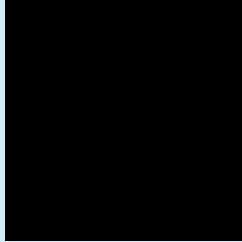
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 229.1700, -21.0900, -3.2500

Background



This preview shows how black text looks on a background with the YIQ color 229.1700, -21.0900, -3.2500.



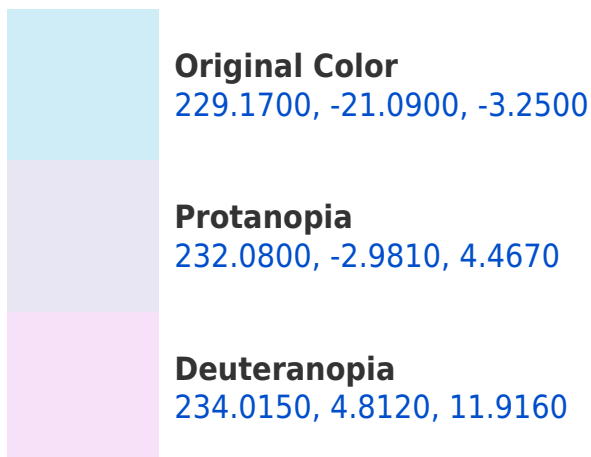
This preview shows how white text looks on a background with the YIQ color 229.1700, -21.0900, -3.2500.

-3.2500.

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

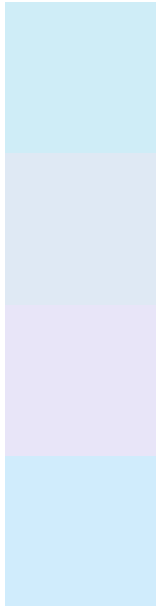




Tritanopia

229.7940, -22.7870, -0.0270

Trichromacy



Original Color

229.1700, -21.0900, -3.2500

Protanomaly

231.2640, -9.4910, 1.3010

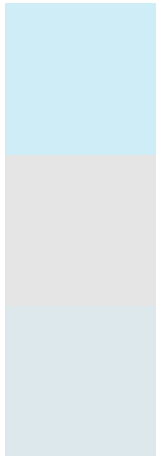
Deuteranomaly

232.0630, -4.3110, 6.5450

Tritanomaly

229.4520, -21.8240, -0.9600

Monochromacy



Original Color

229.1700, -21.0900, -3.2500

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

229.1670, -7.8400, -1.0880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.1700, -21.0900, -3.2500 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(207, 237, 247)` looks like.

```
.text, #text, p{  
    color:rgb(207, 237, 247)  
}
```

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(207, 237, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 237, 247) }
```

Border

The CSS property to change the border of an element to YIQ 229.1700, -21.0900, -3.2500 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(207, 237, 247) }
```


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

```
.border{ border-color:rgb(207, 237, 247) }
```

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

Here you see how a box with a 4 pixel rgb(207, 237, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 237, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 237, 247);  
box-shadow:4px 4px 4px 4px rgb(207, 237,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 229.1700, -21.0900, -3.2500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 237, 247) }
```

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

```
.background{ background-color: rgb(207,  
237, 247) }
```

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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