

Converting Colors

YIQ(230.1220, -21.1350,
-7.9430)

Have a look what the booklet for
YIQ(230.1220, -21.1350, -7.9430)
contains.

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Color

**YIQ(230.1220, -21.1350,
-7.9430)**

Conversions

Conversions Part 1

Format	Color
Hex	CDF1F0
RGB	205, 241, 240
RGB Percent	80%, 95%, 94%
CMY	0.1962, 0.0548, 0.0589
CMYK	0.15, 0.00, 0.00, 0.05
HSL	178°, 56%, 87%
HSV	178°, 15%, 95%
XYZ	72.3556, 82.1856, 94.4714
YIQ	230.1220, -21.1350, -7.9430

Conversions

Conversions Part 2

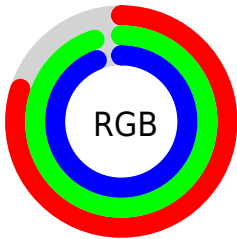
Format	Color
R _Y B	205, 223, 241
Decimal	13496816
CIE Lab	92.66, -11.81, -3.42
CIE LCh	93, 12.290, 196.139
Yxy	82.1856, 0.2906, 0.3300
Android (android.graphics.Color)	4291686896 (0xFFCDF1F0)
YUV	230.1220, 4.8699, -22.0320
Hunter-Lab	90.6563, -16.1821, 1.6742

Details

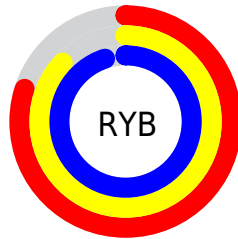
The YIQ color $230.1220, -21.1350, -7.9430$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $215.8780, 21.1350, 7.9430$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $174.4210, -20.5390, -7.7310$ is the 20% darker color. If you saturate the color by 10%, you get $222.8320, -35.1180, -13.3420$, and if you desaturate by 10%, it is $237.4120, -7.1520, -2.5440$.

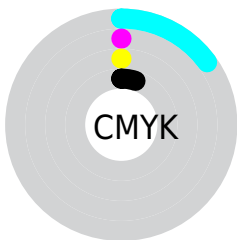
Distribution



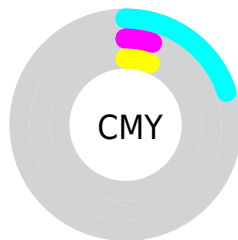
- Red (80%)
- Green (95%)
- Blue (94%)



- Red (80%)
- Yellow (87%)
- Blue (95%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (20%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.1220, -21.1350, -7.9430 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 230.1220, -21.1350, -7.9430 by changing the saturation by 10% instead.

■ 230.1220,
-21.1350, -7.9430

■ 230.1220,
-21.1350, -7.9430

255.0000, -0.0000,
-0.0000

■ 202.1220,
-21.1350, -7.9430

■ 174.4210,
-20.5390, -7.7310

■ 147.7200,
-19.9430, -7.5190

■ 122.0190,
-19.3470, -7.3070

■ 97.0190, -19.3470,
-7.3070

■ 72.4320, -19.0720,
-6.7840

■ 49.4320, -19.0720,

-6.7840

■ 27.1330, -19.6680,
-6.9960

■ 11.8030, -9.8110,
-3.9150

■ 230.1220,
-21.1350, -7.9430

■ 230.1220,
-21.1350, -7.9430

■ 222.8320,
-35.1180, -13.3420

■ 237.4120, -7.1520,
-2.5440

■ 215.6560,
-49.4220, -18.4300

■ 244.5880, 7.1520,
2.5440

■ 208.3660,
-63.4050, -23.8290

■ 245.3000, 8.0230,
3.2790

■ 201.0760,
-77.3880, -29.2280

■ 245.4140, 7.7020,
3.5900

■ 193.6010,
-92.2880, -34.5280

■ 245.5280, 7.3810,
3.9010

■ 186.3110,
-106.2710, -39.9270

■ 245.6420, 7.0600,
4.2120

■ 179.0210,
-120.2540, -45.3260

■ 245.7560, 6.7390,
4.5230

■ 171.7310,
-134.2370, -50.7250

■ 168.1430,
-141.3890, -53.2690

Harmonies

Analogous

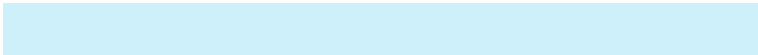
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.5480, -13.7070, -10.4030



230.1220, -21.1350, -7.9430



230.9740, -23.4740, -4.0980

Triad

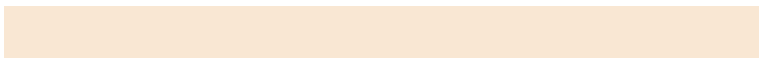
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.1220, -21.1350, -7.9430



235.8790, 2.1990, 9.7110



234.1020, 17.1480, -2.4040

Complementary

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



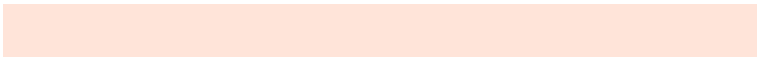
230.1220, -21.1350, -7.9430



215.8780, 21.1350, 7.9430

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.



234.8190, 19.6230, 2.3030



230.1220, -21.1350, -7.9430



236.8540, 12.5150, 9.9790

Square

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



230.1220, -21.1350, -7.9430



234.6110, -8.8500, 6.2060



234.8990, 16.6420, 6.7700



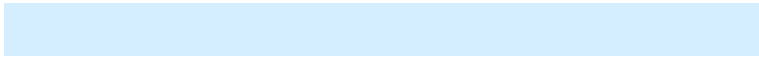
232.8620, 8.8960, -7.0400

Rectangle

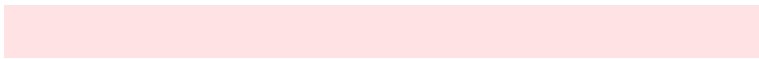
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



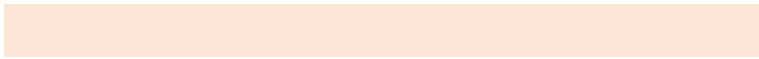
230.1220, -21.1350, -7.9430



232.1640, -20.9530, -0.2250



234.8990, 16.6420, 6.7700



234.9390, 19.1650, -0.4110

Sweetspot

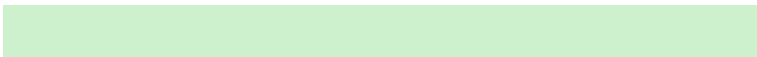
The Sweet Spot groups the original color and five complimentary colors.



230.1220, -21.1350, -7.9430



252.0100, -5.9600, -2.1200



226.4310, -9.3040, -18.6160



125.7930, -3.8510, -1.7950



0.0000, 0.0000, 0.0000



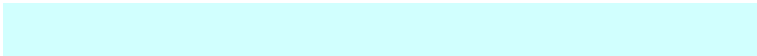
128.0000, -0.0000, -0.0000

Same Dimension

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



230.1220, -21.1350, -7.9430



241.1320, -27.0950, -10.0630



220.2570, -16.7810, 1.2590



116.4120, -7.1520, -2.5440



128.3000, -107.7380, -40.8740



39.0280, -32.7340, -12.4940

Inverse Universe

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



215.8780, 21.1350, 7.9430



222.8680, 27.0950, 10.0630



225.7430, 16.7810, -1.2590



111.5880, 7.1520, 2.5440



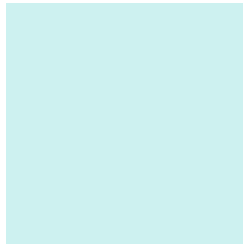
55.5860, 108.0590, 40.5630



16.9720, 32.7340, 12.4940

Previews

White Background



This preview shows how the YIQ color 230.1220, -21.1350, -7.9430 looks on a white background.

Color Contrast Check

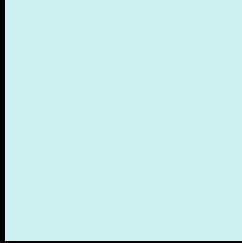
Large Text (above 18pt) WCAG AA × Fail

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 230.1220, -21.1350, -7.9430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

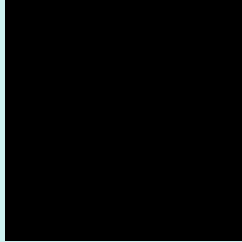
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 230.1220, -21.1350, -7.9430

Background



This preview shows how black text looks on a background with the YIQ color 230.1220, -21.1350, -7.9430.



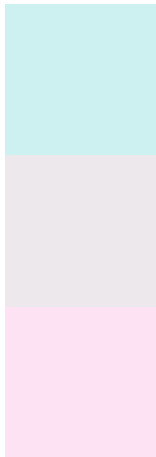
This preview shows how white text looks on a background with the YIQ color 230.1220, -21.1350, -7.9430.

-7.9430.

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

230.1220, -21.1350, -7.9430

Protanopia

233.8370, 2.0170, 1.9930

Deuteranopia

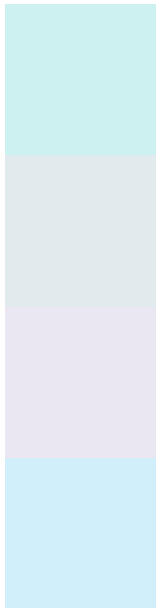
235.7120, 10.0390, 10.7990



Tritanopia

231.8650, -21.5490, -0.4370

Trichromacy



Original Color

230.1220, -21.1350, -7.9430

Protanomaly

232.2380, -6.6020, -1.4980

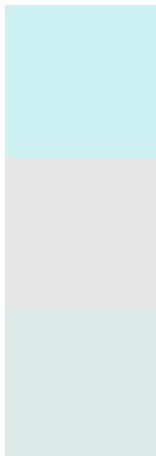
Deuteranomaly

233.4500, -1.1470, 4.2690

Tritanomaly

231.2840, -21.4110, -2.9390

Monochromacy



Original Color

230.1220, -21.1350, -7.9430

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

230.1130, -7.7480, -2.7560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.1220, -21.1350, -7.9430 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(205, 241, 240)` looks like.

```
.text, #text, p{  
    color:rgb(205, 241, 240)  
}
```

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(205, 241, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 241, 240) }
```

Border

The CSS property to change the border of an element to YIQ 230.1220, -21.1350, -7.9430 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(205, 241, 240) }
```


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

```
.border{ border-color:rgb(205, 241, 240) }
```

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

Here you see how a box with a 4 pixel rgb(205, 241, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 241, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 241, 240);  
box-shadow:4px 4px 4px 4px rgb(205, 241,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 230.1220, -21.1350, -7.9430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 241, 240) }
```

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

```
.background{ background-color: rgb(205,  
241, 240) }
```

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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