

Converting Colors

YIQ(227.6970, -21.1360,
-2.4160)

Have a look what the booklet for
YIQ(227.6970, -21.1360, -2.4160)
contains.

YIQ(227.6970, -21.1360, -2.4160)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(227.6970, -21.1360,
-2.4160)**

Conversions

Conversions Part 1

Format	Color
Hex	CEEBF7
RGB	206, 235, 247
RGB Percent	81%, 92%, 97%
CMY	0.1922, 0.0784, 0.0315
CMYK	0.17, 0.05, 0.00, 0.03
HSL	198°, 72%, 89%
HSV	198°, 17%, 97%
XYZ	71.9459, 79.2572, 99.4827
YIQ	227.6970, -21.1360, -2.4160

Conversions

Conversions Part 2

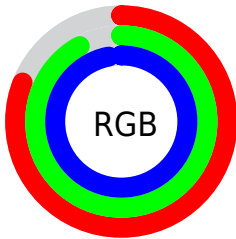
Format	Color
R _Y B	206, 223, 247
Decimal	13560823
CIE Lab	91.35, -7.04, -8.98
CIE LCh	91, 11.412, 231.921
Yxy	79.2572, 0.2870, 0.3162
Android (android.graphics.Color)	4291750903 (0xFFCEEBF7)
YUV	227.6970, 9.5164, -19.0283
Hunter-Lab	89.0265, -11.5433, -3.9351

Details

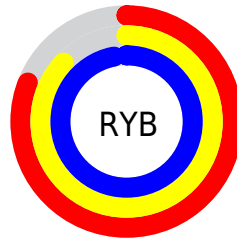
The YIQ color $227.6970, -21.1360, -2.4160$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $225.3030, 21.1360, 2.4160$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $171.9960, -20.5400, -2.2040$ is the 20% darker color. If you saturate the color by 10%, you get $216.1130, -34.1110, -4.0550$, and if you desaturate by 10%, it is $239.2810, -8.1610, -0.7770$.

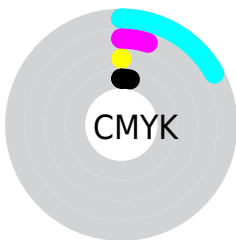
Distribution



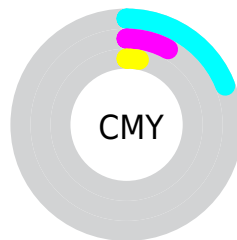
- Red (81%)
- Green (92%)
- Blue (97%)



- Red (81%)
- Yellow (87%)
- Blue (97%)



- Cyan (17%)
- Magenta (5%)
- Yellow (0%)
- Black (3%)



- Cyan (19%)
- Magenta (8%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 227.6970, -21.1360, -2.4160 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 227.6970, -21.1360, -2.4160 by changing the saturation by 10% instead.

■ 227.6970,
-21.1360, -2.4160

■ 227.6970,
-21.1360, -2.4160

255.0000, -0.0000,
-0.0000

■ 199.5830,
-20.8150, -2.7270

■ 171.9960,
-20.5400, -2.2040

■ 145.8820,
-20.2190, -2.5150

■ 120.0670,
-19.3020, -2.6140

■ 95.0670, -19.3020,
-2.6140

■ 70.9530, -18.9810,
-2.9250

■ 47.9530, -18.9810,

-2.9250

■ 25.6540, -19.5770,
-3.1370

■ 8.3780, -9.8120,
1.6120

■ 227.6970,
-21.1360, -2.4160

■ 227.6970,
-21.1360, -2.4160

■ 216.1130,
-34.1110, -4.0550

■ 239.2810, -8.1610,
-0.7770

■ 204.8280,
-46.4900, -5.4820

■ 250.5660, 4.2180,
0.6500

■ 192.6570,
-59.1900, -6.5980

■ 254.0880, 2.5680,
-2.4880

■ 181.0730,
-72.1650, -8.2370

■ 169.4890,
-85.1400, -9.8760

■ 158.2040,
-97.5190, -11.3030

■ 146.6200,
-110.4940, -12.9420

■ 134.4490,
-123.1940, -14.0580

■ 130.8830,
-127.4120, -14.7080

Harmonies

Analogous

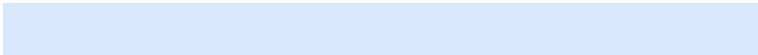
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.9480, -20.5850, -6.8970



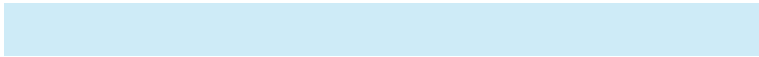
227.6970, -21.1360, -2.4160



229.4960, -15.9560, 2.8280

Triad

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



227.6970, -21.1360, -2.4160



232.6260, 13.1570, 9.3570



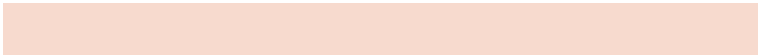
229.1930, 6.4660, -7.0540

Complementary

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



227.6970, -21.1360, -2.4160



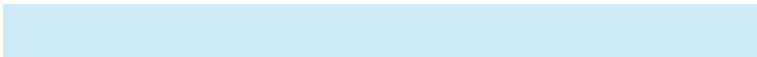
225.3030, 21.1360, 2.4160

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.



230.3190, 15.0390, -2.7290



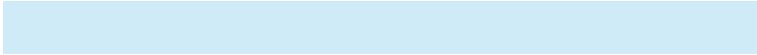
227.6970, -21.1360, -2.4160



232.1550, 18.7970, 6.2610

Square

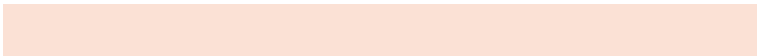
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



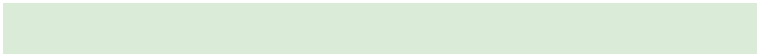
227.6970, -21.1360, -2.4160



232.2490, 4.0330, 9.5130



231.4060, 19.3480, 1.7800



227.7510, -4.0330, -9.5130

Rectangle

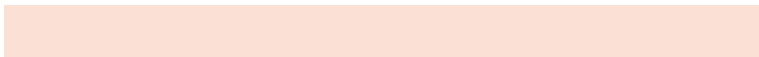
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



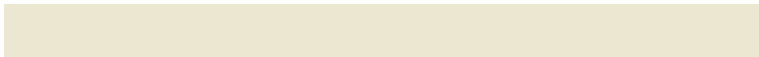
227.6970, -21.1360, -2.4160



230.6000, -10.3170, 5.2590



231.4060, 19.3480, 1.7800



229.6880, 9.4460, -5.9940

Sweetspot

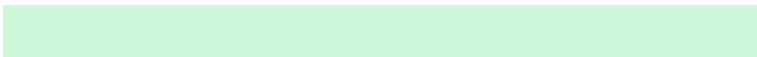
The Sweet Spot groups the original color and five complimentary colors.



227.6970, -21.1360, -2.4160



248.7650, -6.6480, -0.6640



231.4350, -15.1270, -17.7110



123.8470, -3.9430, -0.1270



0.0000, 0.0000, 0.0000



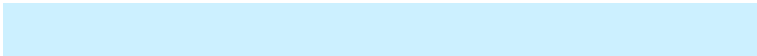
128.0000, -0.0000, -0.0000

Same Dimension

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



227.6970, -21.1360, -2.4160



230.9460, -26.2710, -2.9670



215.9570, -15.6360, 8.0440



116.6510, -6.3270, -0.9750



98.6880, -96.0060, -11.1900



31.3800, -30.4890, -3.6170

Inverse Universe

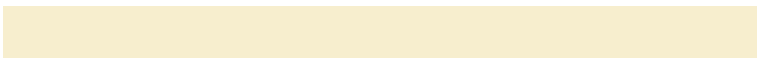
The Inverse Universe completely reimagines the original color for something new.



221.5650, 15.1270, 17.7110



223.3530, 18.8400, 22.0080



237.0430, 15.6360, -8.0440



114.6140, 4.2630, 5.3430



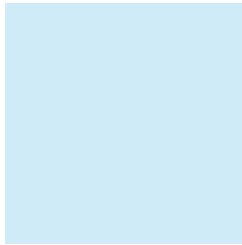
70.6620, 68.4840, 80.4840



22.4290, 21.6820, 25.5700

Previews

White Background



This preview shows how the YIQ color 227.6970, -21.1360, -2.4160 looks on a white background.

Color Contrast Check

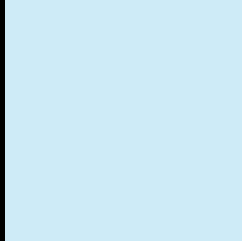
Large Text (above 18pt) WCAG AA × Fail

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 227.6970, -21.1360, -2.4160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

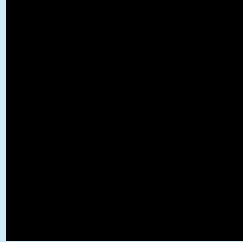
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 227.6970, -21.1360, -2.4160

Background



This preview shows how black text looks on a background with the YIQ color 227.6970, -21.1360, -2.4160.



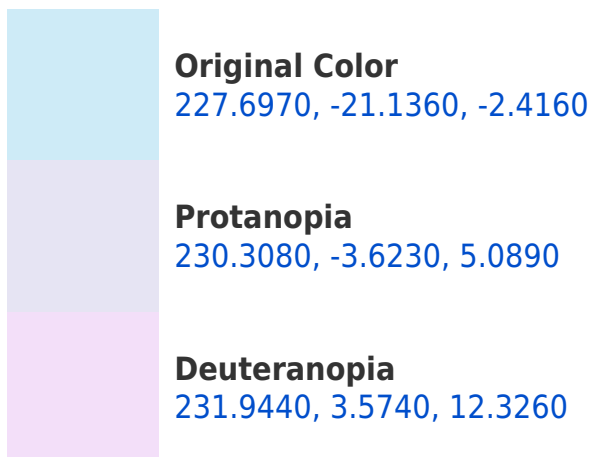
This preview shows how white text looks on a background with the YIQ color 227.6970, -21.1360,

-2.4160.

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

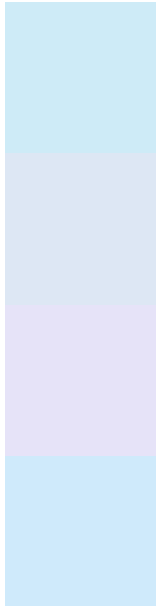




Tritanopia

228.0930, -22.1910, 0.1850

Trichromacy



Original Color

227.6970, -21.1360, -2.4160

Protanomaly

229.4920, -10.1330, 1.9230

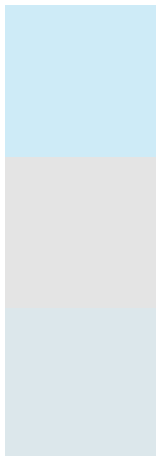
Deuteranomaly

230.2910, -4.9530, 7.1670

Tritanomaly

227.8650, -21.5490, -0.4370

Monochromacy



Original Color

227.6970, -21.1360, -2.4160

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.1670, -7.8400, -1.0880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.6970, -21.1360, -2.4160 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, 235, 247)` looks like.

```
.text, #text, p{  
    color:rgb(206, 235, 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(206, 235, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 235, 247) }
```

Border

The CSS property to change the border of an element to YIQ 227.6970, -21.1360, -2.4160 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, 235, 247) }
```


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

```
.border{ border-color:rgb(206, 235, 247) }
```

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

Here you see how a box with a 4 pixel rgb(206, 235, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 235, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 235, 247);  
box-shadow:4px 4px 4px 4px rgb(206, 235,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 227.6970, -21.1360, -2.4160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 235, 247) }
```

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

```
.background{ background-color: rgb(206,  
235, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor