

Converting Colors

YIQ(224.1060, -7.0110,
-21.6270)

Have a look what the booklet for
YIQ(224.1060, -7.0110, -21.6270)
contains.

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Color

**YIQ(224.1060, -7.0110,
-21.6270)**

Conversions

Conversions Part 1

Format	Color
Hex	CCF0C3
RGB	204, 240, 195
RGB Percent	80%, 94%, 76%
CMY	0.2001, 0.0587, 0.2353
CMYK	0.15, 0.00, 0.19, 0.06
HSL	108°, 60%, 85%
HSV	108°, 19%, 94%
XYZ	65.9089, 79.1025, 63.4254
YIQ	224.1060, -7.0110, -21.6270

Conversions

Conversions Part 2

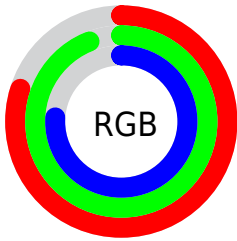
Format	Color
RYB	195, 240, 231
Decimal	13430979
CIELab	91.28, -19.86, 17.94
CIELCh	91, 26.758, 137.910
Yxy	79.1025, 0.3162, 0.3795
Android (android.graphics.Color)	4291621059 (0xFFCCCF0C3)
YUV	224.1060, -14.3493, -17.6330
Hunter-Lab	88.9396, -23.3663, 19.9763

Details

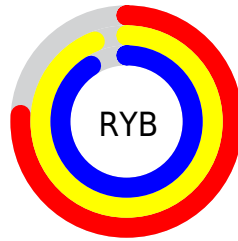
The YIQ color $224.1060, -7.0110, -21.6270$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $210.8940, 7.0110, 21.6270$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.6580, 0.9630, -0.9330$, and $168.6330, -7.0570, -20.7930$ is the 20% darker color. If you saturate the color by 10%, you get $215.6890, -10.6310, -33.1190$, and if you desaturate by 10%, it is $232.5230, -3.3910, -10.1350$.

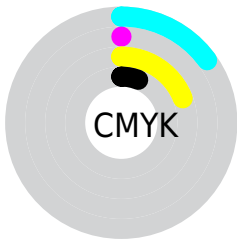
Distribution



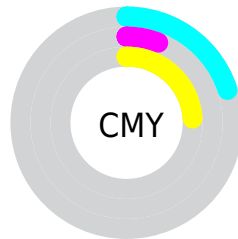
- Red (80%)
- Green (94%)
- Blue (76%)



- Red (76%)
- Yellow (94%)
- Blue (91%)



- Cyan (15%)
- Magenta (0%)
- Yellow (19%)
- Black (6%)



- Cyan (20%)
- Magenta (6%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.1060, -7.0110, -21.6270 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 224.1060, -7.0110, -21.6270 by changing the saturation by 10% instead.

■ 224.1060, -7.0110,
-21.6270

■ 224.1060, -7.0110,
-21.6270

255.0000, -0.0000,
-0.0000

■ 196.2200, -7.3320,
-21.3160

254.6580, 0.9630,
-0.9330

■ 168.6330, -7.0570,
-20.7930

■ 142.1600, -7.1030,
-19.9590

■ 116.5730, -6.8280,
-19.4360

■ 91.1000, -6.8740,
-18.6020

■ 67.6270, -6.9200,
-17.7680

■ 44.7410, -7.2410,

-17.4570

■ 23.2250, -5.7280,
-17.3440

■ 5.2830, -2.4750,
-4.7070

■ 224.1060, -7.0110,
-21.6270

■ 224.1060, -7.0110,
-21.6270

■ 215.6890,
-10.6310, -33.1190

■ 232.5230, -3.3910,
-10.1350

■ 207.2720,
-14.2510, -44.6110

■ 240.9400, 0.2290,
1.3570

■ 198.5560,
-18.4670, -56.3150

■ 246.1950, 4.1250,
7.8450

■ 190.1390,
-22.0870, -67.8070

■ 181.7220,
-25.7070, -79.2990

■ 173.3050,
-29.3270, -90.7910

■ 164.5890,
-33.5430, -102.4950

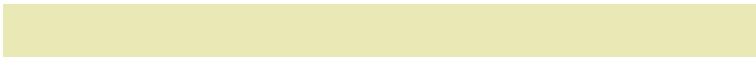
■ 156.1720,
-37.1630, -113.9870

■ 155.2320,
-37.3920, -115.3440

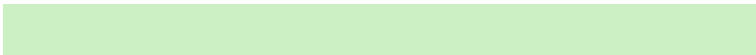
Harmonies

Analogous

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



227.0720, 16.6920, -16.1720



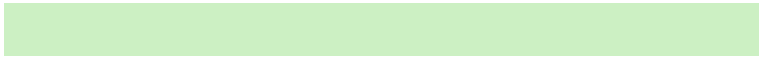
224.1060, -7.0110, -21.6270



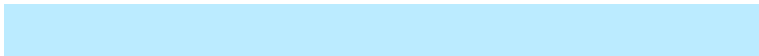
221.0030, -31.5860, -22.2900

Triad

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



224.1060, -7.0110, -21.6270



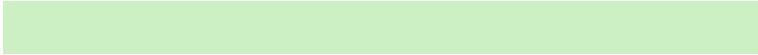
222.9280, -35.0280, -3.9560



225.1990, 24.6650, 10.0490

Complementary

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



224.1060, -7.0110, -21.6270



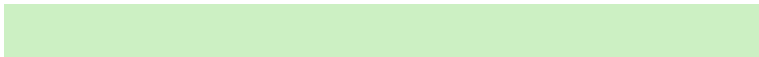
210.8940, 7.0110, 21.6270

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.



228.7500, 16.0440, 17.6120



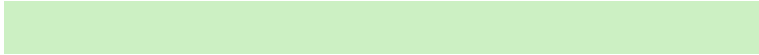
224.1060, -7.0110, -21.6270



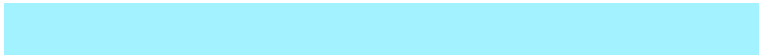
228.3980, -12.5640, 7.4360

Square

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



224.1060, -7.0110, -21.6270



219.8610, -51.2570, -12.7050



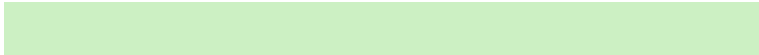
232.6830, 8.9830, 18.9270



225.6260, 30.3520, 0.5920

Rectangle

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



224.1060, -7.0110, -21.6270



219.7550, -45.3870, -19.9710



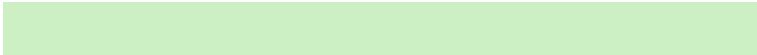
232.6830, 8.9830, 18.9270



226.2250, 21.7760, 12.8480

Sweetspot

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



224.1060, -7.0110, -21.6270



249.7020, -2.3370, -7.2090



229.5870, 16.9200, -9.2880



124.5820, -1.8790, -4.4950



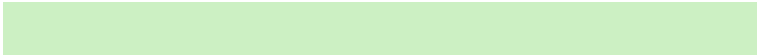
0.0000, 0.0000, 0.0000



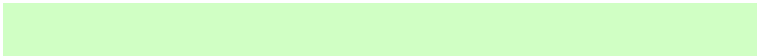
128.0000, -0.0000, -0.0000

Same Dimension

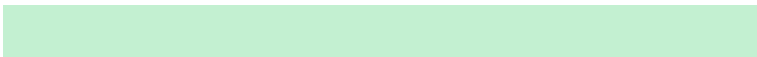
The Same Dimension uses a secret algorithm to generate beautiful new colors.



224.1060, -7.0110, -21.6270



234.2210, -9.0730, -28.3130



223.0110, -16.8690, -19.1810



115.6420, -2.1080, -5.8520



119.0710, -28.5480, -88.3880



36.1610, -8.8440, -26.9560

Inverse Universe

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



210.8940, 7.0110, 21.6270



216.7790, 9.0730, 28.3130



212.1030, 16.5480, 19.4920



112.0590, 1.5120, 5.6400



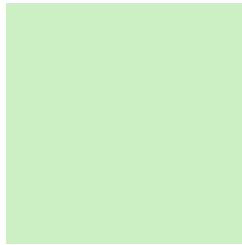
64.9290, 28.5480, 88.3880



19.8390, 8.8440, 26.9560

Previews

White Background



This preview shows how the YIQ color 224.1060, -7.0110, -21.6270 looks on a white background.

Color Contrast Check

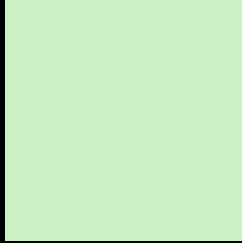
Large Text (above 18pt) WCAG AA × Fail

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 224.1060, -7.0110, -21.6270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

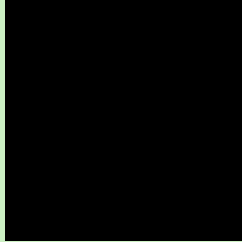
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

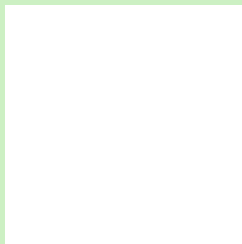
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 224.1060, -7.0110, -21.6270

Background



This preview shows how black text looks on a background with the YIQ color 224.1060, -7.0110, -21.6270.



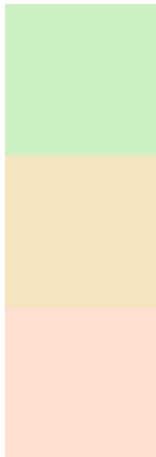
This preview shows how white text looks on a background with the YIQ color 224.1060, -7.0110,

-21.6270.

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**

224.1060, -7.0110, -21.6270

Protanopia

228.7400, 20.8630, -9.1610

Deuteranopia

230.7440, 24.2080, 1.8080



Tritanopia

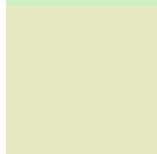
228.4850, -17.4230, 1.8810

Trichromacy



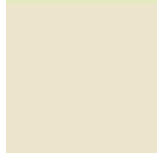
Original Color

224.1060, -7.0110, -21.6270



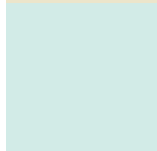
Protanomaly

227.1300, 10.7770, -13.5990



Deuteranomaly

228.1290, 12.5180, -6.6020



Tritanomaly

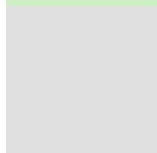
227.0690, -13.6160, -6.5440

Monochromacy



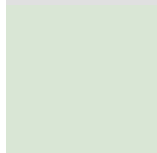
Original Color

224.1060, -7.0110, -21.6270



Achromatopsia

224.0000, -0.0000, 0.0000



Achromatomaly

224.1750, -2.2910, -8.0430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.1060, -7.0110, -21.6270 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(204, 240, 195)` looks like.

```
.text, #text, p{  
    color:rgb(204, 240, 195)  
}
```

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(204, 240, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 240, 195) }
```

Border

The CSS property to change the border of an element to YIQ 224.1060, -7.0110, -21.6270 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(204, 240, 195) }
```


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

```
.border{ border-color:rgb(204, 240, 195) }
```

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

Here you see how a box with a 4 pixel rgb(204, 240, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 240, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 240, 195);  
box-shadow:4px 4px 4px 4px rgb(204, 240,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 224.1060, -7.0110, -21.6270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 240, 195) }
```

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

```
.background{ background-color: rgb(204,  
240, 195) }
```

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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