

Converting Colors

XYZ(71.0034, 84.5080, 83.2264)

Have a look what the booklet for
XYZ(71.0034, 84.5080, 83.2264)
contains.

XYZ(70.8027, 84.3209, 83.0649)	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

**XYZ(70.8027, 84.3209,
83.0649)**

Conversions

Conversions Part 1

Format	Color
Hex	C9F7E0
RGB	201, 247, 224
RGB Percent	79%, 97%, 88%
CMY	0.2118, 0.0314, 0.1216
CMYK	0.19, 0.00, 0.09, 0.03
HSL	150°, 74%, 88%
HSV	150°, 19%, 97%
XYZ	70.8027, 84.3209, 83.0649
YIQ	230.6240, -20.0330, -16.9050

Conversions

Conversions Part 2

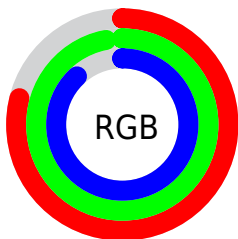
Format	Color
R_{YB}	201, 232, 247
Decimal	13236192
CIE Lab	93.59, -19.12, 6.20
CIE LCh	94, 20.097, 162.028
Yxy	84.3209, 0.2973, 0.3540
Android (android.graphics.Color)	4291426272 (0xFFC9F7E0)
YUV	230.6240, -3.2656, -25.9802
Hunter-Lab	91.8264, -23.0639, 10.6456

Details

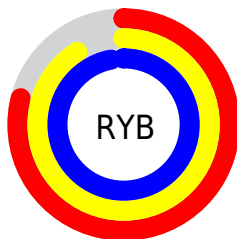
The XYZ color **70.8027, 84.3209, 83.0649** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.7019, 66.9313, 79.6119**, and the grayscale version is **75.7123, 79.6552, 86.7445**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.6463, 46.2372, 44.4766** is the 20% darker color. If you saturate the color by 10%, you get **63.0747, 80.5259, 74.2753**, and if you desaturate by 10%, it is **79.7248, 88.7221, 92.5492**.

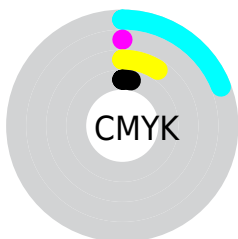
Distribution



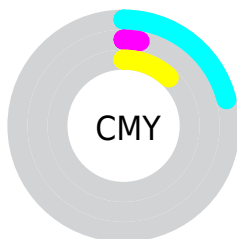
- Red (79%)
- Green (97%)
- Blue (88%)



- Red (79%)
- Yellow (91%)
- Blue (97%)



- Cyan (19%)
- Magenta (0%)
- Yellow (9%)
- Black (3%)





- Cyan (21%)
- Magenta (3%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.8027, 84.3209, 83.0649 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 XYZ color 70.8027, 84.3209, 83.0649 by changing the saturation by 10% instead.

 70.8027, 84.3209,
83.0649

 70.8027, 84.3209,
83.0649


452.5860,
509.3783, 525.1795

 52.4632, 63.2804,
61.7028


119.3728,
139.4240, 139.5164

 37.6001, 46.0681,
44.3583


150.3341,
174.2554, 175.4429

 25.8483, 32.2996,
30.6131


186.2333,
214.4525, 217.0612

 16.8423, 21.5904,
20.0484

227.4358,
260.3998, 264.7899

 10.2167, 13.5563,
12.2458

274.3070,
312.4816, 319.0475

 5.6062, 7.8127,
6.7867

327.2121,

 2.6455, 3.9753,

371.0824, 380.2526

3.2527

386.5167,
436.5864, 448.8238

0.9692, 1.6598,
1.2251

0.0000, 0.3974,
0.0000

70.8027, 84.3209,
83.0649

70.8027, 84.3209,
83.0649

63.0747, 80.5259,
74.2753

79.7248, 88.7221,
92.5492

56.4803, 77.2991,
66.1588

89.8840, 93.7444,
102.7379

50.9640, 74.6148,
58.7008

92.5524, 95.0048,
108.0675

46.4629, 72.4406,
51.8840

■ 42.9069, 70.7408,
45.6902

■ 40.2166, 69.4748,
40.1002

■ 38.2984, 68.5948,
35.0936

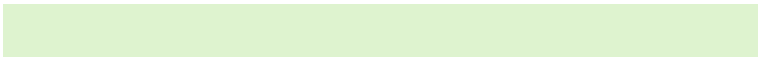
■ 37.0189, 68.0323,
30.6471

■ 36.8685, 67.9672,
30.0772

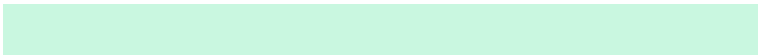
Harmonies

Analogous

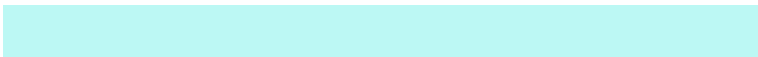
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.4893, 84.3209, 71.7233



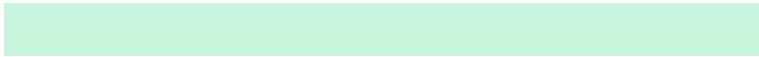
70.8027, 84.3209, 83.0649



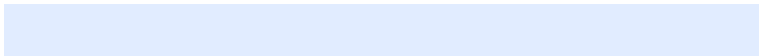
70.5502, 84.3209, 98.0522

Triad

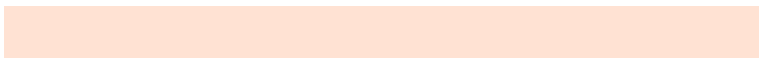
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.8027, 84.3209, 83.0649



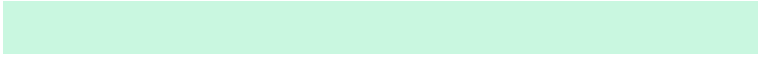
82.2951, 84.3209, 123.5484



87.9858, 84.3209, 73.5612

Complementary

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



70.8027, 84.3209, 83.0649



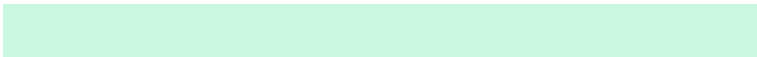
72.7019, 66.9313, 79.6119

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.



90.5714, 84.3209, 85.8406



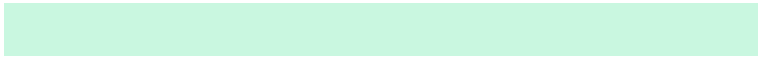
70.8027, 84.3209, 83.0649



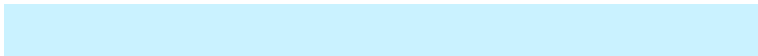
87.1899, 84.3209, 115.3377

Square

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



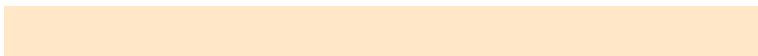
70.8027, 84.3209, 83.0649



77.0294, 84.3209, 122.5923



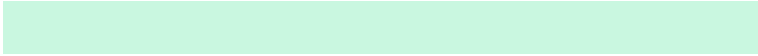
90.2738, 84.3209, 101.1507



83.3425, 84.3209, 66.6687

Rectangle

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



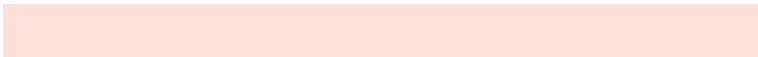
70.8027, 84.3209, 83.0649



71.7811, 84.3209, 108.2405



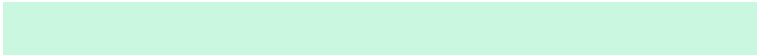
90.2738, 84.3209, 101.1507



89.1335, 84.3209, 77.1345

Sweetspot

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



70.8050, 84.3244, 83.0668



88.4359, 96.7298, 102.2883



74.7850, 86.7125, 68.0550



18.7811, 20.6311, 21.7434



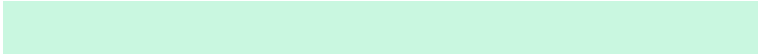
0.0000, 0.0000, 0.0000



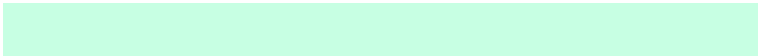
20.3446, 21.4041, 23.3091

Same Dimension

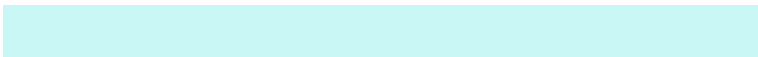
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.8050, 84.3244, 83.0668



73.1446, 89.1916, 85.9960



74.0214, 85.6110, 100.0041



16.6278, 18.6102, 19.3241



19.5693, 35.9726, 16.2838



1.7718, 3.1824, 1.7043

Inverse Universe

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



72.7019, 66.9313, 79.6119



75.4989, 67.6042, 81.7080



69.8800, 65.8025, 64.7516



16.8447, 16.6207, 18.9290



22.2656, 11.2497, 11.3727



2.0088, 1.0095, 1.2727

Previews

White Background



This preview shows how the XYZ color 70.8027, 84.3209, 83.0649 looks on a white background.

Color Contrast Check

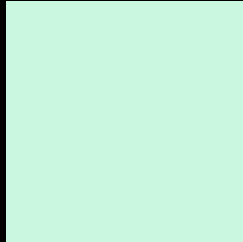
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 70.8027, 84.3209, 83.0649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

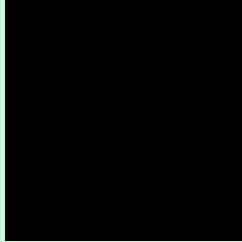
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

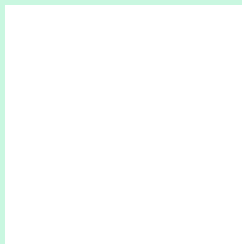
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.8027, 84.3209, 83.0649

Background



This preview shows how black text looks on a background with the XYZ color 70.8027, 84.3209, 83.0649.

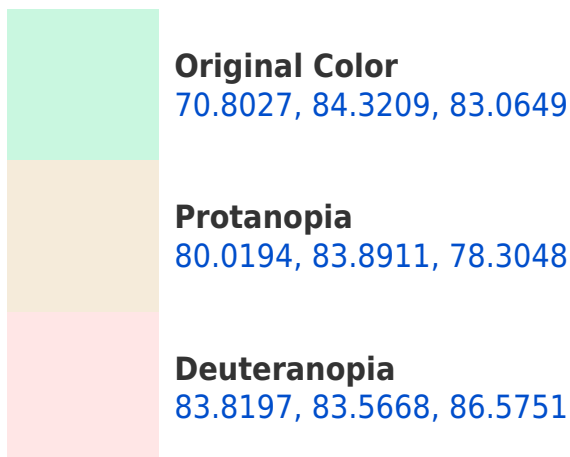


This preview shows how white text looks on a background with the XYZ color 70.8027, 84.3209,

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

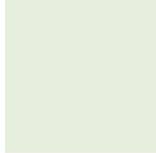
77.2344, 83.9872, 106.7482

Trichromacy



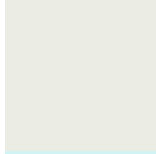
Original Color

70.8027, 84.3209, 83.0649



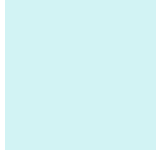
Protanomaly

76.0979, 83.5583, 79.8277



Deuteranomaly

78.2600, 83.2545, 85.3438



Tritanomaly

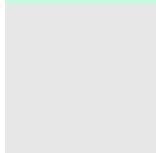
74.9581, 84.3345, 97.9154

Monochromacy



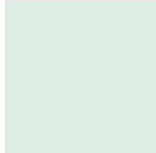
Original Color

70.8027, 84.3209, 83.0649



Achromatopsia

75.9547, 79.9103, 87.0223



Achromatomaly

73.8030, 81.3855, 85.2179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8027, 84.3209, 83.0649 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(201, 247, 224)` looks like.

```
.text, #text, p{  
    color:rgb(201, 247, 224)  
}
```

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(201, 247, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 247, 224) }
```

Border

The CSS property to change the border of an element to XYZ 70.8027, 84.3209, 83.0649 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(201, 247, 224) }
```


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

```
.border{ border-color:rgb(201, 247, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 247, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 247, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 247, 224);  
box-shadow:4px 4px 4px 4px rgb(201, 247,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8027, 84.3209, 83.0649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 247, 224) }
```

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

```
.background{ background-color: rgb(201,  
247, 224) }
```

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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