

Converting Colors

XYZ(68.9609, 82.5054, 83.9492)

Have a look what the booklet for
XYZ(68.9609, 82.5054, 83.9492)
contains.

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Color

**XYZ(68.8856, 82.3979,
84.2252)**

Conversions

Conversions Part 1

Format	Color
Hex	C3F5E2
RGB	195, 245, 226
RGB Percent	76%, 96%, 89%
CMY	0.2353, 0.0392, 0.1137
CMYK	0.20, 0.00, 0.08, 0.04
HSL	157°, 71%, 86%
HSV	157°, 20%, 96%
XYZ	68.8856, 82.3979, 84.2252
YIQ	227.8840, -23.7010, -16.5090

Conversions

Conversions Part 2

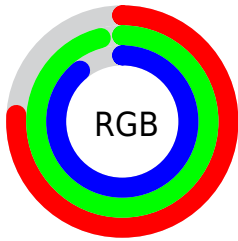
Format	Color
RYB	195, 226, 245
Decimal	12842466
CIELab	92.75, -19.63, 3.91
CIElCh	93, 20.011, 168.742
Yxy	82.3979, 0.2925, 0.3499
Android (android.graphics.Color)	4291032546 (0xFFC3F5E2)
YUV	227.8840, -0.9288, -28.8393
Hunter-Lab	90.7733, -23.3940, 8.5283

Details

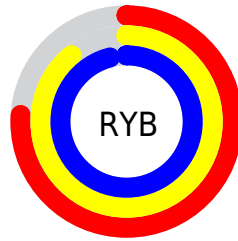
The XYZ color **68.8856, 82.3979, 84.2252** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.3119, 63.3000, 72.1871**, and the grayscale version is **73.6789, 77.5160, 84.4149**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **36.5328, 44.9982, 45.2881** is the 20% darker color. If you saturate the color by 10%, you get **61.8243, 78.9036, 77.4062**, and if you desaturate by 10%, it is **77.0595, 86.4623, 91.4620**.

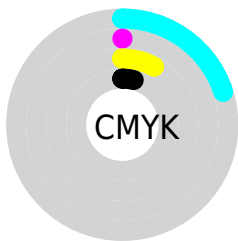
Distribution



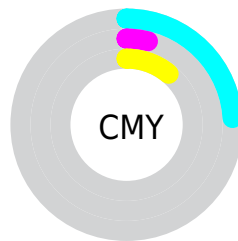
- Red (76%)
- Green (96%)
- Blue (89%)



- Red (76%)
- Yellow (89%)
- Blue (96%)



- Cyan (20%)
- Magenta (0%)
- Yellow (8%)
- Black (4%)



- Cyan (24%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.8856, 82.3979, 84.2252 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 68.8856, 82.3979, 84.2252 by changing the saturation by 10% instead.

68.8856, 82.3979,
84.2252

68.8856, 82.3979,
84.2252

445.9551,
502.9777, 529.1383

50.8949, 61.6936,
62.6549

116.6531,
136.7319, 141.1547

36.3456, 44.7851,
45.1229

147.1606,
171.1303, 177.3510

24.8726, 31.2882,
31.2106

182.5711,
210.8622, 219.2597

16.1104, 20.8184,
20.4994

223.2498,
256.3119, 267.2993

9.6936, 12.9913,
12.5709

269.5622,
307.8640, 321.8885

5.2570, 7.4226,
7.0065

321.8737,

2.4351, 3.7278,

365.9027, 383.4457

3.3877

380.5495,
430.8125, 452.3895

■ 0.8627, 1.5225,
1.2958

■ 0.0000, 0.3045,
0.0584

■ 68.8856, 82.3979,
84.2252

■ 68.8856, 82.3979,
84.2252

■ 61.8243, 78.9036,
77.4062

■ 77.0595, 86.4623,
91.4620

■ 55.8171, 75.9425,
70.9913

■ 86.3874, 91.1112,
99.1189

■ 50.8103, 73.4894,
64.9741

■ 91.7730, 93.7195,
106.9646

■ 46.7426, 71.5128,
59.3455

■ 91.9439, 93.7878,
107.8646

■ 43.5456, 69.9776,
54.0963

■ 41.1412, 68.8435,
49.2165

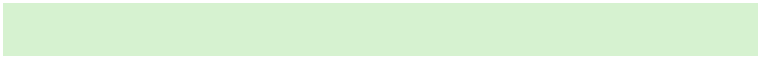
■ 39.4362, 68.0629,
44.6953

■ 38.3126, 67.5713,
40.6828

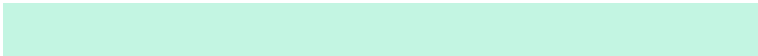
Harmonies

Analogous

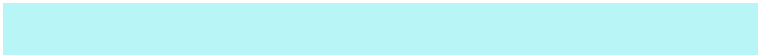
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.0159, 82.3979, 72.0759



68.8856, 82.3979, 84.2252



69.1971, 82.3979, 99.2672

Triad

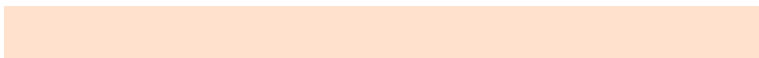
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.8856, 82.3979, 84.2252



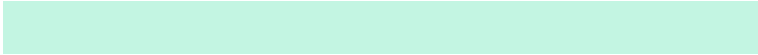
81.5839, 82.3979, 119.7620



85.1192, 82.3979, 69.8089

Complementary

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



68.8856, 82.3979, 84.2252



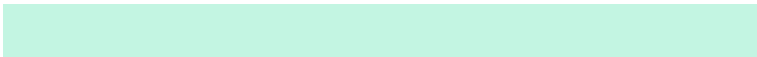
69.3119, 63.3000, 72.1871

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.



88.2043, 82.3979, 80.8004



68.8856, 82.3979, 84.2252



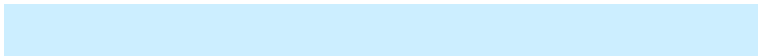
86.1015, 82.3979, 110.0252

Square

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



68.8856, 82.3979, 84.2252



76.3748, 82.3979, 120.9424



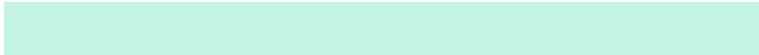
88.5716, 82.3979, 95.4431



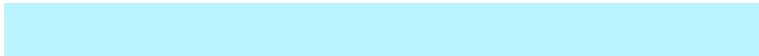
80.2913, 82.3979, 64.3902

Rectangle

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



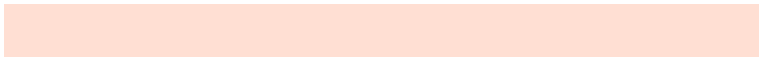
68.8856, 82.3979, 84.2252



70.7510, 82.3979, 108.9218



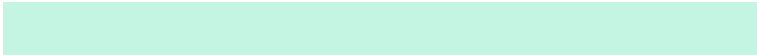
88.5716, 82.3979, 95.4431



86.4035, 82.3979, 72.9142

Sweetspot

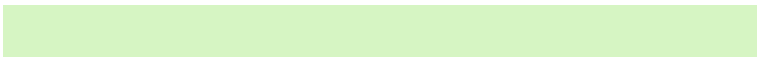
The Sweet Spot groups the original color and five complimentary colors.



68.8879, 82.4013, 84.2270



88.7212, 96.8439, 103.7908



70.2857, 83.5698, 64.0573



18.8486, 20.6581, 22.0986



0.0000, 0.0000, 0.0000



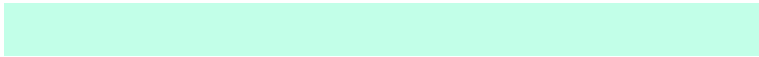
20.3446, 21.4041, 23.3091

Same Dimension

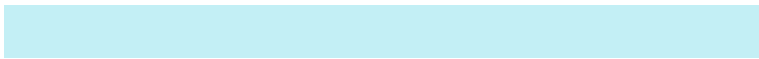
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.8879, 82.4013, 84.2270



72.4856, 88.7744, 89.4662



69.9052, 80.0287, 98.1529



16.7142, 18.6448, 19.7791



20.7084, 36.4282, 22.2819



1.8700, 3.2217, 2.2214

Inverse Universe

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



69.3119, 63.3000, 72.1871



73.0193, 64.7674, 74.3385



68.3570, 65.0505, 60.5844



16.7597, 16.5867, 18.4811



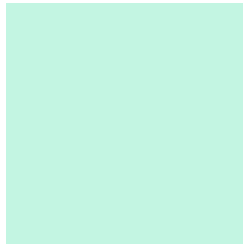
21.4153, 10.9096, 6.8955



1.9306, 0.9782, 0.8608

Previews

White Background



This preview shows how the XYZ color 68.8856, 82.3979, 84.2252 looks on a white background.

Color Contrast Check

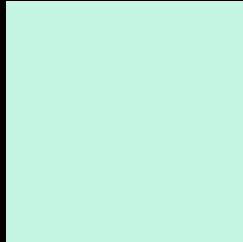
Large Text (above 18pt) WCAG AA × Fail

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 68.8856, 82.3979, 84.2252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

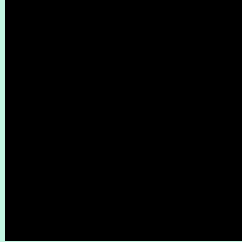
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

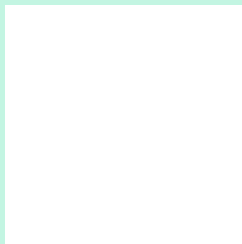
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.8856, 82.3979, 84.2252

Background



This preview shows how black text looks on a background with the XYZ color 68.8856, 82.3979, 84.2252.



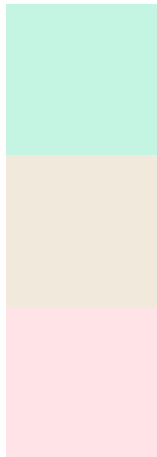
This preview shows how white text looks on a background with the XYZ color 68.8856, 82.3979,

84.2252.

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

68.8856, 82.3979, 84.2252

Protanopia

78.2007, 82.0931, 78.7418

Deuteranopia

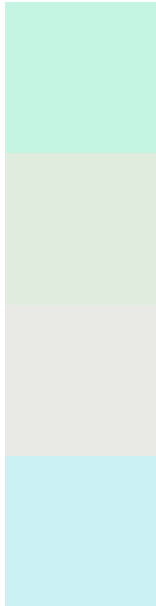
82.9920, 81.9113, 86.2992



Tritanopia

74.6486, 82.2184, 106.5431

Trichromacy



Original Color

68.8856, 82.3979, 84.2252

Protanomaly

74.2095, 81.6896, 80.9637

Deuteranomaly

77.1699, 81.8264, 85.8555

Tritanomaly

72.4130, 82.1388, 97.6257

Monochromacy



Original Color

68.8856, 82.3979, 84.2252

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

71.6068, 78.9906, 84.1457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.8856, 82.3979, 84.2252 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(195, 245, 226)` looks like.

```
.text, #text, p{  
    color:rgb(195, 245, 226)  
}
```

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(195, 245, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 245, 226) }
```

Border

The CSS property to change the border of an element to XYZ 68.8856, 82.3979, 84.2252 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(195, 245, 226) }
```


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

```
.border{ border-color:rgb(195, 245, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 245, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 245, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 245, 226);  
box-shadow:4px 4px 4px 4px rgb(195, 245,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 68.8856, 82.3979, 84.2252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 245, 226) }
```

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

```
.background{ background-color: rgb(195,  
245, 226) }
```

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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