

Converting Colors

XYZ(69.9493, 82.2162, 82.4302)

Have a look what the booklet for
XYZ(69.9493, 82.2162, 82.4302)
contains.

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Color

**XYZ(69.8623, 82.0396,
82.6741)**

Conversions

Conversions Part 1

Format	Color
Hex	CAF3E0
RGB	202, 243, 224
RGB Percent	79%, 95%, 88%
CMY	0.2078, 0.0470, 0.1216
CMYK	0.17, 0.00, 0.08, 0.05
HSL	152°, 63%, 87%
HSV	152°, 17%, 95%
XYZ	69.8623, 82.0396, 82.6741
YIQ	228.5750, -18.3370, -14.6010

Conversions

Conversions Part 2

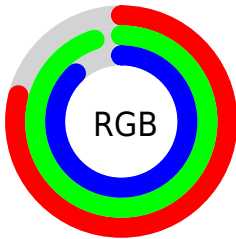
Format	Color
R _Y B	202, 229, 243
Decimal	13300704
CIE Lab	92.59, -16.83, 4.77
CIE LCh	93, 17.496, 164.183
Yxy	82.0396, 0.2978, 0.3497
Android (android.graphics.Color)	4291490784 (0xFFCAF3E0)
YUV	228.5750, -2.2555, -23.3063
Hunter-Lab	90.5757, -20.8280, 9.2853

Details

The XYZ color **69.8623, 82.0396, 82.6741** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.1368, 66.5183, 77.5004**, and the grayscale version is **74.1916, 78.0553, 85.0022**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.9644, 44.6083, 44.1981** is the 20% darker color. If you saturate the color by 10%, you get **62.3210, 78.3249, 74.6111**, and if you desaturate by 10%, it is **78.5447, 86.3354, 91.3222**.

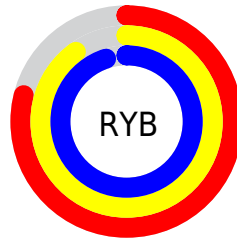
Distribution



Red (79%)

Green (95%)

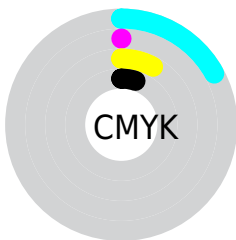
Blue (88%)



Red (79%)

Yellow (90%)

Blue (95%)

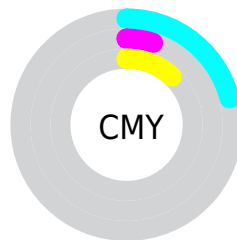


Cyan (17%)

Magenta (0%)

Yellow (8%)

Black (5%)



Cyan (21%)

Magenta (5%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.8623, 82.0396, 82.6741 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 69.8623, 82.0396, 82.6741 by changing the saturation by 10% instead.

69.8623, 82.0396,
82.6741

69.8623, 82.0396,
82.6741

449.3403,
501.7801, 523.8423

51.6935, 61.3982,
61.3823

118.0397,
136.2295, 138.9641

36.9841, 44.5466,
44.1012

148.7790,
170.5468, 174.7993

25.3688, 31.1004,
30.4123

184.4391,
210.1915, 216.3194

16.4822, 20.6753,
19.8970

225.3855,
255.5481, 263.9430

9.9590, 12.8869,
12.1369

271.9835,
307.0008, 318.0885

5.4339, 7.3507,
6.7133

324.5983,

2.5414, 3.6824,

364.9341, 379.1745

3.2077

383.5955,
429.7324, 447.6196

0.9162, 1.4975,
1.2017

0.0000, 0.2870,
0.0000

69.8623, 82.0396,
82.6741

69.8623, 82.0396,
82.6741

62.3210, 78.3249,
74.6111

78.5447, 86.3354,
91.3222

55.8637, 75.1552,
67.1151

88.4084, 91.2261,
100.5618

50.4384, 72.5064,
60.1751

91.3421, 92.5843,
107.6640

45.9862, 70.3482,
53.7774

■ 42.4418, 68.6472,
47.9079

■ 39.7312, 67.3656,
42.5515

■ 37.7683, 66.4592,
37.6923

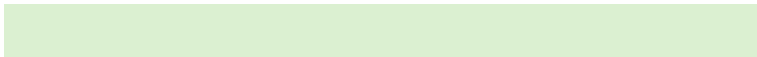
■ 36.4436, 65.8718,
33.3126

■ 36.1071, 65.7263,
32.0371

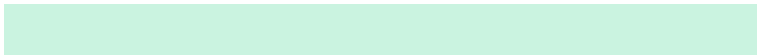
Harmonies

Analogous

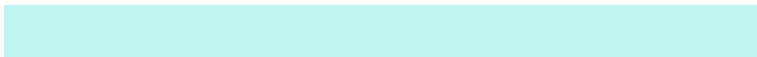
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.0395, 82.0396, 72.5459



69.8623, 82.0396, 82.6741



69.8024, 82.0396, 95.6045

Triad

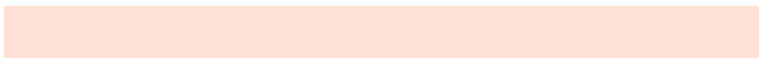
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.8623, 82.0396, 82.6741



80.1383, 82.0396, 115.8716



84.4161, 82.0396, 72.9862

Complementary

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



69.8623, 82.0396, 82.6741



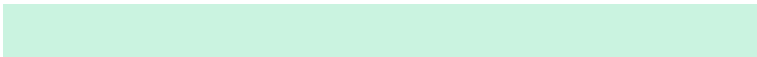
71.1368, 66.5183, 77.5004

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.



86.7644, 82.0396, 83.3308



69.8623, 82.0396, 82.6741



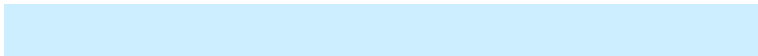
84.2304, 82.0396, 108.5153

Square

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



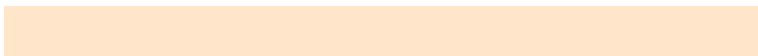
69.8623, 82.0396, 82.6741



75.6171, 82.0396, 115.6519



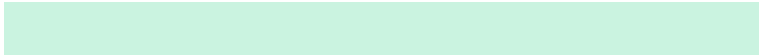
86.6952, 82.0396, 96.3279



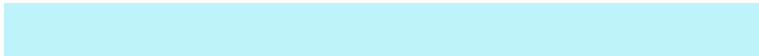
80.3838, 82.0396, 67.3348

Rectangle

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



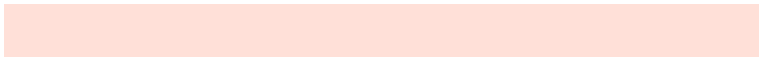
69.8623, 82.0396, 82.6741



70.9642, 82.0396, 104.1483



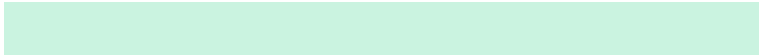
86.6952, 82.0396, 96.3279



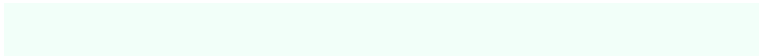
85.4355, 82.0396, 75.9834

Sweetspot

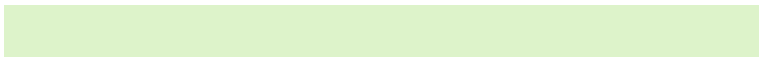
The Sweet Spot groups the original color and five complimentary colors.



69.8646, 82.0430, 82.6759



89.5769, 97.2867, 103.7539



72.5735, 83.7623, 68.2211



19.0143, 20.7447, 22.0557



0.0000, 0.0000, 0.0000



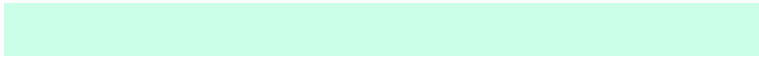
20.3446, 21.4041, 23.3091

Same Dimension

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



69.8646, 82.0430, 82.6759



75.1371, 90.1475, 89.3108



72.1807, 82.3174, 96.8826



16.6540, 18.6207, 19.4621



19.8848, 36.0988, 17.9451



1.7996, 3.1935, 1.8505

Inverse Universe

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



71.1368, 66.5183, 77.5004



76.7860, 70.0270, 82.6040



69.0680, 66.2062, 65.0172



16.8187, 16.6103, 18.7917



21.9769, 11.1342, 9.8527



1.9829, 0.9991, 1.1363

Previews

White Background



This preview shows how the XYZ color 69.8623, 82.0396, 82.6741 looks on a white background.

Color Contrast Check

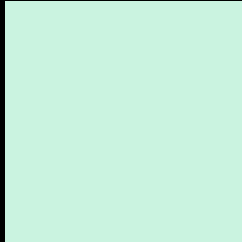
Large Text (above 18pt) WCAG AA × Fail

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 69.8623, 82.0396, 82.6741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

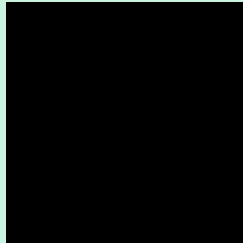
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

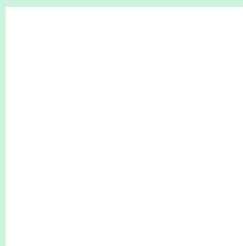
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.8623, 82.0396, 82.6741

Background



This preview shows how black text looks on a background with the XYZ color 69.8623, 82.0396, 82.6741.



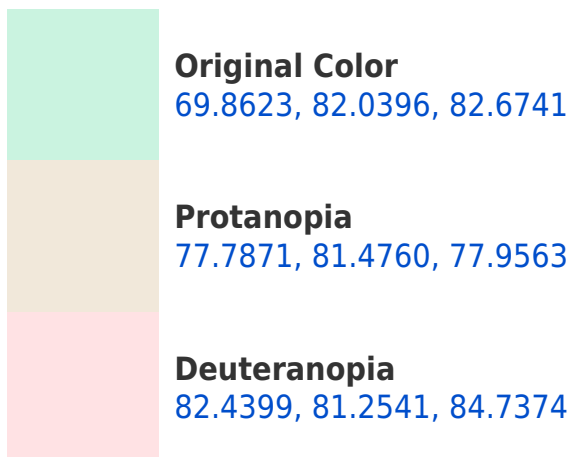
This preview shows how white text looks on a background with the XYZ color 69.8623, 82.0396,

82.6741.

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

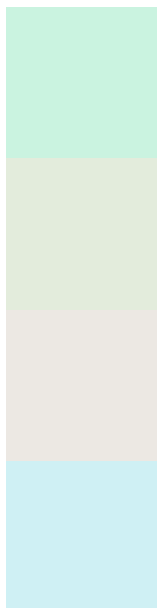




Tritanopia

75.2029, 82.0707, 106.4854

Trichromacy



Original Color

69.8623, 82.0396, 82.6741

Protanomaly

74.5923, 81.4891, 79.5077

Deuteranomaly

77.3138, 81.0921, 84.2505

Tritanomaly

73.2213, 82.1172, 97.5790

Monochromacy



Original Color

69.8623, 82.0396, 82.6741

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

72.5014, 79.4518, 84.1875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8623, 82.0396, 82.6741 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(202, 243, 224)` looks like.

```
.text, #text, p{  
    color:rgb(202, 243, 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(202, 243, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 243, 224) }
```

Border

The CSS property to change the border of an element to XYZ 69.8623, 82.0396, 82.6741 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(202, 243, 224) }
```


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

```
.border{ border-color:rgb(202, 243, 224) }
```

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

Here you see how a box with a 4 pixel rgb(202, 243, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 243, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 243, 224);  
box-shadow:4px 4px 4px 4px rgb(202, 243,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8623, 82.0396, 82.6741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 243, 224) }
```

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

```
.background{ background-color: rgb(202,  
243, 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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