

Converting Colors

XYZ(69.3097, 84.2454, 72.2825)

Have a look what the booklet for
XYZ(69.3097, 84.2454, 72.2825)
contains.

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Color

**XYZ(69.3097, 84.2454,
72.2825)**

Conversions

Conversions Part 1

Format	Color
Hex	CAF8D0
RGB	202, 248, 208
RGB Percent	79%, 97%, 82%
CMY	0.2078, 0.0274, 0.1843
CMYK	0.19, 0.00, 0.16, 0.03
HSL	128°, 77%, 88%
HSV	128°, 19%, 97%
XYZ	69.3097, 84.2454, 72.2825
YIQ	229.6860, -14.5760, -22.1920

Conversions

Conversions Part 2

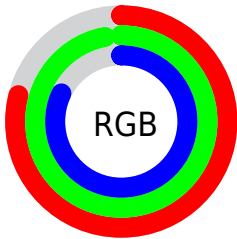
Format	Color
RYB	202, 243, 248
Decimal	13301968
CIELab	93.56, -22.18, 14.42
CIELCh	94, 26.460, 146.973
Yxy	84.2454, 0.3069, 0.3730
Android (android.graphics.Color)	4291492048 (0xFFCAF8D0)
YUV	229.6860, -10.6912, -24.2806
Hunter-Lab	91.7853, -25.8338, 17.5578

Details

The XYZ color **69.3097, 84.2454, 72.2825** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.8619, 68.6103, 93.2530**, and the grayscale version is **75.0678, 78.9772, 86.0062**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4962, 45.7977, 37.4881** is the 20% darker color. If you saturate the color by 10%, you get **60.6557, 80.0725, 58.9566**, and if you desaturate by 10%, it is **79.4075, 89.1257, 87.5628**.

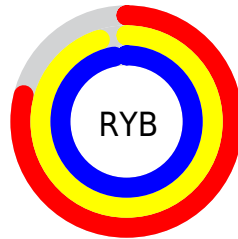
Distribution



Red (79%)

Green (97%)

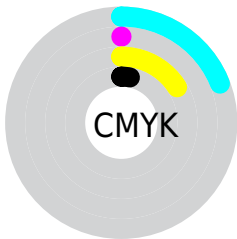
Blue (82%)



Red (79%)

Yellow (95%)

Blue (97%)

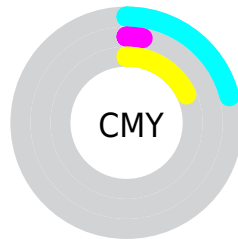


Cyan (19%)

Magenta (0%)

Yellow (16%)

Black (3%)



Cyan (21%)

Magenta (3%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3097, 84.2454, 72.2825 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 69.3097, 84.2454, 72.2825 by changing the saturation by 10% instead.

69.3097, 84.2454,
72.2825

69.3097, 84.2454,
72.2825

447.4268,
509.1278, 487.5282

51.2415, 63.2181,
52.9012

117.2555,
139.3184, 124.1695

36.6227, 46.0176,
37.3367

147.8638,
174.1329, 157.5124

25.0878, 32.2597,
25.1705

183.3828,
214.3118, 196.3462

16.2716, 21.5600,
15.9840

224.1780,
260.2396, 241.0895

9.8086, 13.5339,
9.3586

270.6146,
312.3008, 292.1608

5.3335, 7.7972,
4.8758

323.0580,

2.4810, 3.9655,

370.8796, 349.9786

2.1171

381.8737,
436.3604, 414.9616

■ 0.8857, 1.6543,
0.6259

■ 0.0000, 0.3938,
0.0000

■ 69.3097, 84.2454,
72.2825

■ 69.3097, 84.2454,
72.2825

■ 60.6557, 80.0725,
58.9566

■ 79.4075, 89.1257,
87.5628

■ 53.3728, 76.5640,
47.5009

■ 91.0038, 94.7328,
104.8659

■ 47.3921, 73.6887,
37.8334

■ 92.8590, 95.6180,
108.1697

■ 42.6363, 71.4084,
29.8638

■ 39.0195, 69.6811,
23.4939

■ 36.4447, 68.4591,
18.6156

■ 34.7984, 67.6864,
15.1071

■ 33.9245, 67.2854,
12.8268

■ 33.8345, 67.2442,
12.5876

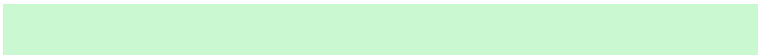
Harmonies

Analogous

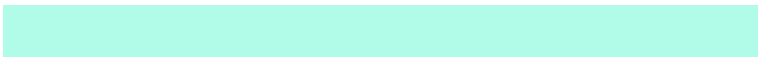
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.1216, 84.2454, 61.4849



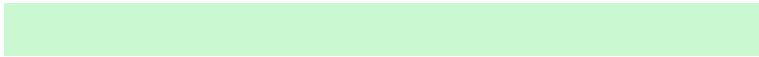
69.3097, 84.2454, 72.2825



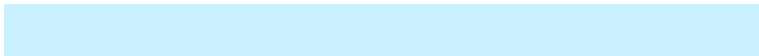
67.3698, 84.2454, 89.7086

Triad

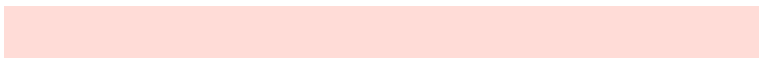
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.3097, 84.2454, 72.2825



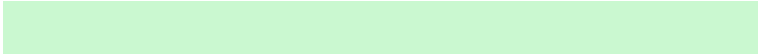
79.3641, 84.2454, 135.8585



92.6773, 84.2454, 75.3320

Complementary

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



69.3097, 84.2454, 72.2825



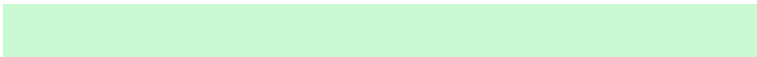
75.8619, 68.6103, 93.2530

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.



94.2798, 84.2454, 93.7794



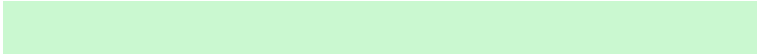
69.3097, 84.2454, 72.2825



86.3342, 84.2454, 130.5505

Square

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



69.3097, 84.2454, 72.2825



72.9585, 84.2454, 127.9922



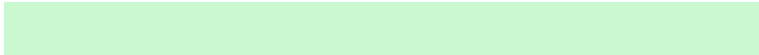
91.8960, 84.2454, 114.3834



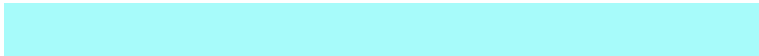
87.6350, 84.2454, 63.0570

Rectangle

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



69.3097, 84.2454, 72.2825



67.8769, 84.2454, 103.4484



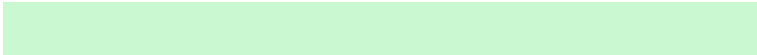
91.8960, 84.2454, 114.3834



93.6484, 84.2454, 80.9297

Sweetspot

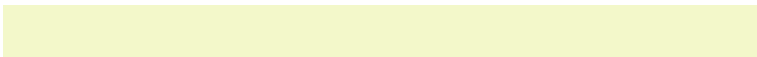
The Sweet Spot groups the original color and five complimentary colors.



69.3120, 84.2490, 72.2844



87.5747, 96.3853, 97.7535



81.0673, 90.3927, 69.0529



18.5780, 20.5499, 20.6738



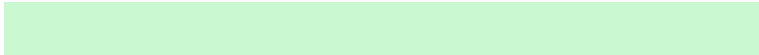
0.0000, 0.0000, 0.0000



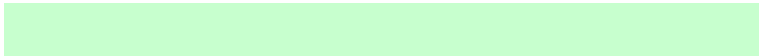
20.3446, 21.4041, 23.3091

Same Dimension

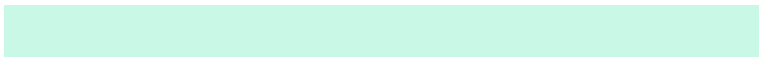
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.3120, 84.2490, 72.2844



70.4537, 88.1152, 71.8257



72.2616, 85.4288, 87.8168



17.1095, 19.3461, 18.7773



18.3044, 36.3348, 6.9465



1.7232, 3.3764, 0.7901

Inverse Universe

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



75.8619, 68.6103, 93.2530



78.5345, 68.8185, 97.6931



72.7043, 67.3473, 76.6253



17.8899, 17.4833, 21.2759



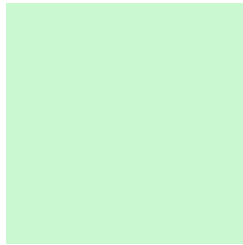
27.6206, 13.4640, 36.3063



2.5844, 1.2575, 3.5010

Previews

White Background



This preview shows how the XYZ color 69.3097, 84.2454, 72.2825 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 69.3097, 84.2454, 72.2825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

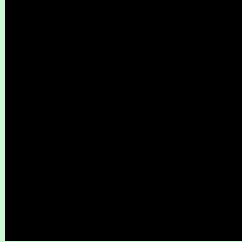
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

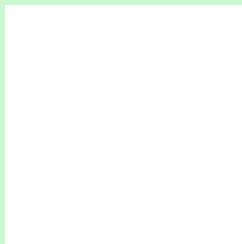
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.3097, 84.2454, 72.2825

Background



This preview shows how black text looks on a background with the XYZ color 69.3097, 84.2454, 72.2825.



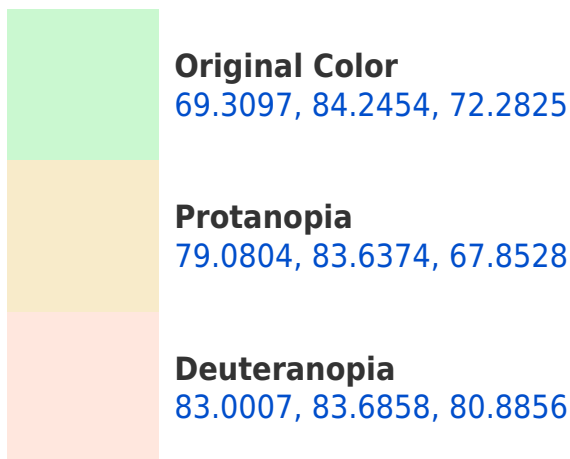
This preview shows how white text looks on a background with the XYZ color 69.3097, 84.2454,

72.2825.

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

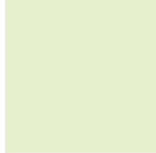
77.8254, 84.2919, 106.7759

Trichromacy



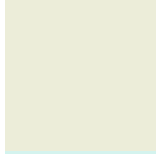
Original Color

69.3097, 84.2454, 72.2825



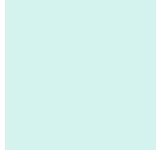
Protanomaly

75.0142, 83.6687, 69.3228



Deuteranomaly

77.4006, 83.4110, 77.6661



Tritanomaly

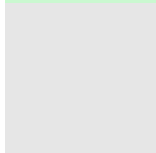
74.6346, 84.2713, 93.2212

Monochromacy



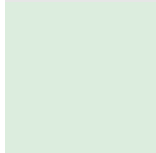
Original Color

69.3097, 84.2454, 72.2825



Achromatopsia

75.2129, 79.1298, 86.1723



Achromatomaly

72.9842, 81.0579, 80.9063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3097, 84.2454, 72.2825 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, 248, 208)` looks like.

```
.text, #text, p{  
    color:rgb(202, 248, 208)  
}
```

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, 248, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 248, 208) }
```

Border

The CSS property to change the border of an element to XYZ 69.3097, 84.2454, 72.2825 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, 248, 208) }
```


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

```
.border{ border-color:rgb(202, 248, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 248, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 248, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 248, 208);  
box-shadow:4px 4px 4px 4px rgb(202, 248,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3097, 84.2454, 72.2825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 248, 208) }
```

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

```
.background{ background-color: rgb(202,  
248, 208) }
```

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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