

Converting Colors

XYZ(70.1480, 82.3687, 70.5956)

Have a look what the booklet for
XYZ(70.1480, 82.3687, 70.5956)
contains.

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Color

**XYZ(70.3425, 82.5545,
70.6197)**

Conversions

Conversions Part 1

Format	Color
Hex	D4F3CE
RGB	212, 243, 206
RGB Percent	83%, 95%, 81%
CMY	0.1686, 0.0470, 0.1921
CMYK	0.13, 0.00, 0.15, 0.05
HSL	110°, 61%, 88%
HSV	110°, 15%, 95%
XYZ	70.3425, 82.5545, 70.6197
YIQ	229.5130, -6.5990, -18.0790

Conversions

Conversions Part 2

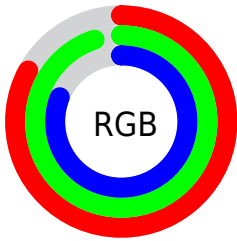
Format	Color
R _Y B	206, 243, 237
Decimal	13956046
CIE Lab	92.82, -16.78, 14.50
CIE LCh	93, 22.174, 139.173
Yxy	82.5545, 0.3147, 0.3693
Android (android.graphics.Color)	4292146126 (0xFFD4F3CE)
YUV	229.5130, -11.5919, -15.3589
Hunter-Lab	90.8595, -20.8113, 17.5191

Details

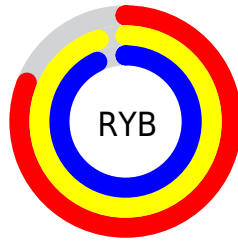
The XYZ color **70.3425, 82.5545, 70.6197** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.1775, 68.6206, 94.1867**, and the grayscale version is **74.9423, 78.8451, 85.8623**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.3424, 44.9757, 36.4188** is the 20% darker color. If you saturate the color by 10%, you get **62.1121, 78.6291, 55.9976**, and if you desaturate by 10%, it is **79.7741, 87.0511, 87.6839**.

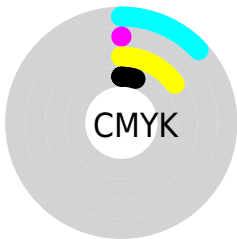
Distribution



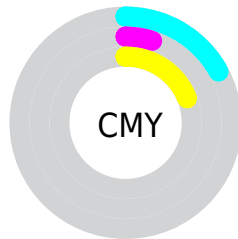
- Red (83%)
- Green (95%)
- Blue (81%)



- Red (81%)
- Yellow (95%)
- Blue (93%)



- Cyan (13%)
- Magenta (0%)
- Yellow (15%)
- Black (5%)



- Cyan (17%)
- Magenta (5%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.3425, 82.5545, 70.6197 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 70.3425, 82.5545, 70.6197 by changing the saturation by 10% instead.

70.3425, 82.5545,
70.6197

70.3425, 82.5545,
70.6197

450.9993,
503.5006, 481.5707

52.0864, 61.8227,
51.5520

118.7207,
136.9513, 121.7815

37.2985, 44.8895,
36.2683

149.5734,
171.3851, 154.7126

25.6134, 31.3704,
24.3502

185.3558,
211.1551, 193.1019

16.6658, 20.8810,
15.3790

226.4332,
256.6456, 237.3680

10.0903, 13.0371,
8.9362

273.1709,
308.2410, 287.9294

5.5216, 7.4541,
4.6034

325.9342,

2.5943, 3.7477,

366.3257, 345.2046

1.9618

385.0886,
431.2841, 409.6122

■ 0.9431, 1.5334,
0.5317

■ 0.0000, 0.3121,
0.0000

■ 70.3425, 82.5545,
70.6197

■ 70.3425, 82.5545,
70.6197

■ 62.1121, 78.6291,
55.9976

■ 79.7741, 87.0511,
87.6839

■ 55.0278, 75.2418,
43.7009

■ 90.4456, 92.1297,
107.2889

■ 49.0401, 72.3722,
33.6112

■ 91.3423, 92.5845,
107.6641

■ 44.0934, 69.9943,
25.5978

■ 40.1270, 68.0801,
19.5162

■ 37.0736, 66.5983,
15.2033

■ 34.8572, 65.5139,
12.4692

■ 33.3883, 64.7859,
11.0802

■ 32.9040, 64.5436,
10.7239

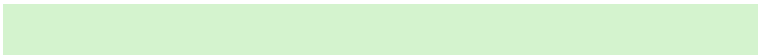
Harmonies

Analogous

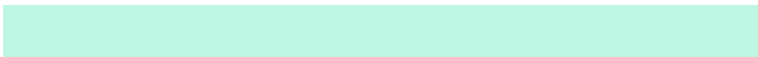
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.8673, 82.5545, 63.0200



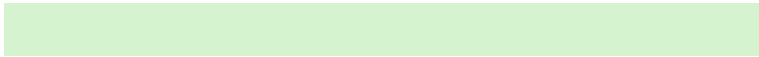
70.3425, 82.5545, 70.6197



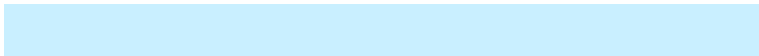
68.0349, 82.5545, 84.0328

Triad

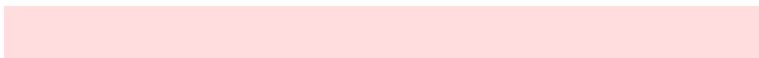
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.3425, 82.5545, 70.6197



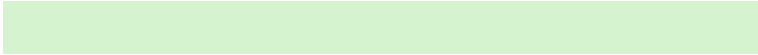
76.3936, 82.5545, 124.9660



89.4531, 82.5545, 79.8219

Complementary

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



70.3425, 82.5545, 70.6197



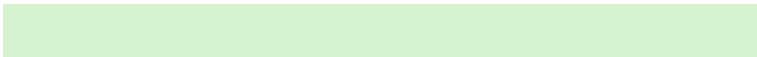
73.1775, 68.6206, 94.1867

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.



89.9113, 82.5545, 96.0087



70.3425, 82.5545, 70.6197



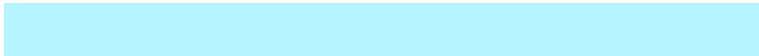
82.1774, 82.5545, 123.4766

Square

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



70.3425, 82.5545, 70.6197



71.4126, 82.5545, 116.2251



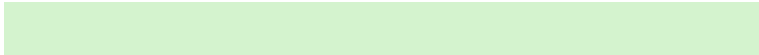
87.1911, 82.5545, 112.3760



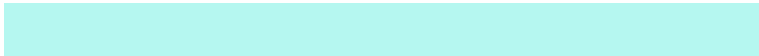
85.9683, 82.5545, 67.8640

Rectangle

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



70.3425, 82.5545, 70.6197



67.9842, 82.5545, 95.0647



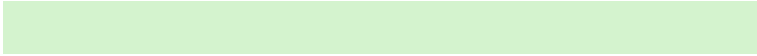
87.1911, 82.5545, 112.3760



89.9724, 82.5545, 84.9023

Sweetspot

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



70.3447, 82.5580, 70.6215



89.2429, 97.2357, 98.2662



78.3423, 83.9868, 70.4758



18.9330, 20.7321, 20.7254



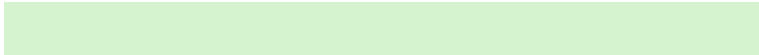
0.0000, 0.0000, 0.0000



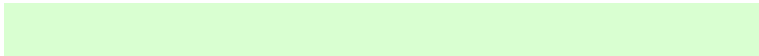
20.3446, 21.4041, 23.3091

Same Dimension

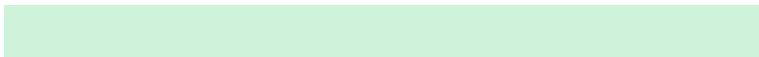
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.3447, 82.5580, 70.6215



75.7601, 90.8099, 73.9216



70.2054, 82.3062, 78.7472



16.5324, 18.6010, 17.5166



18.1312, 35.4598, 5.8888



1.6651, 3.1534, 0.5209

Inverse Universe

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



73.1775, 68.6206, 94.1867



79.4301, 72.7459, 104.4627



73.4132, 68.9502, 84.7974



16.9344, 16.6244, 20.8588



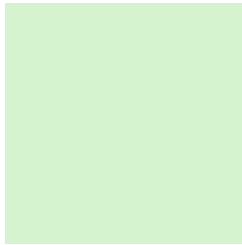
22.5837, 10.6166, 47.3969



2.0538, 0.9686, 4.1690

Previews

White Background



This preview shows how the XYZ color 70.3425, 82.5545, 70.6197 looks on a white background.

Color Contrast Check

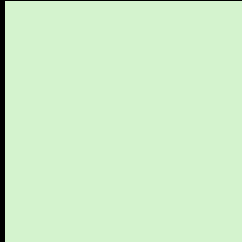
Large Text (above 18pt) WCAG AA × Fail

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 70.3425, 82.5545, 70.6197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

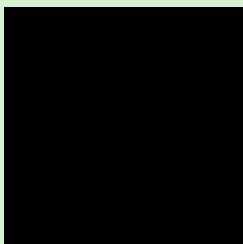
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

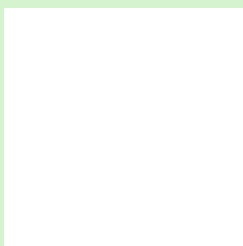
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.3425, 82.5545, 70.6197

Background



This preview shows how black text looks on a background with the XYZ color 70.3425, 82.5545, 70.6197.



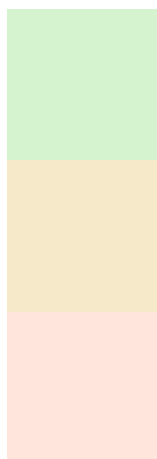
This preview shows how white text looks on a background with the XYZ color 70.3425, 82.5545,

70.6197.

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

70.3425, 82.5545, 70.6197

Protanopia

77.6876, 82.0877, 67.0083

Deuteranopia

82.0455, 82.4131, 78.6009



Tritanopia

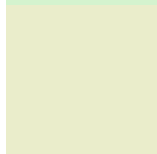
77.5607, 82.4265, 106.4298

Trichromacy



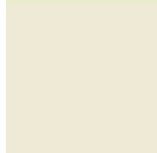
Original Color

70.3425, 82.5545, 70.6197



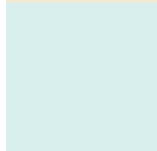
Protanomaly

74.9954, 82.3726, 68.4467



Deuteranomaly

77.1570, 82.0514, 75.3892



Tritanomaly

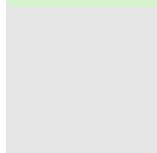
74.7678, 82.5991, 92.1233

Monochromacy



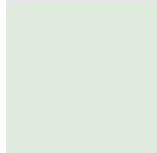
Original Color

70.3425, 82.5545, 70.6197



Achromatopsia

75.2129, 79.1298, 86.1723



Achromatomaly

73.1909, 80.3251, 80.0533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3425, 82.5545, 70.6197 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(212, 243, 206)` looks like.

```
.text, #text, p{  
    color:rgb(212, 243, 206)  
}
```

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(212, 243, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 243, 206) }
```

Border

The CSS property to change the border of an element to XYZ 70.3425, 82.5545, 70.6197 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(212, 243, 206) }
```


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

```
.border{ border-color:rgb(212, 243, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 243, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 243, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 243, 206);  
box-shadow:4px 4px 4px 4px rgb(212, 243,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3425, 82.5545, 70.6197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 243, 206) }
```

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

```
.background{ background-color: rgb(212,  
243, 206) }
```

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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