

Converting Colors

XYZ(70.9420, 82.3282, 71.3986)

Have a look what the booklet for
XYZ(70.9420, 82.3282, 71.3986)
contains.

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Color

**XYZ(71.0389, 82.4563,
71.2030)**

Conversions

Conversions Part 1

Format	Color
Hex	D7F2CF
RGB	215, 242, 207
RGB Percent	84%, 95%, 81%
CMY	0.1569, 0.0510, 0.1882
CMYK	0.11, 0.00, 0.14, 0.05
HSL	106°, 57%, 88%
HSV	106°, 14%, 95%
XYZ	71.0389, 82.4563, 71.2030
YIQ	229.9370, -4.8570, -16.6090

Conversions

Conversions Part 2

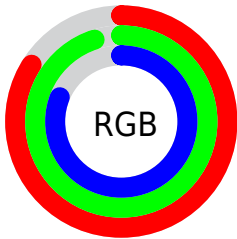
Format	Color
R _Y B	207, 242, 234
Decimal	14152399
CIE Lab	92.78, -15.11, 13.95
CIE LCh	93, 20.560, 137.282
Yxy	82.4563, 0.3162, 0.3670
Android (android.graphics.Color)	4292342479 (0xFFD7F2CF)
YUV	229.9370, -11.3079, -13.0997
Hunter-Lab	90.8055, -19.2655, 17.0729

Details

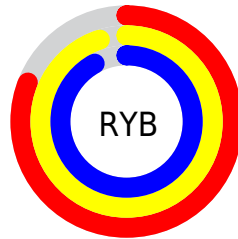
The XYZ color **71.0389, 82.4563, 71.2030** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.2749, 68.5312, 93.4273**, and the grayscale version is **75.2526, 79.1716, 86.2179**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8059, 44.8913, 36.8093** is the 20% darker color. If you saturate the color by 10%, you get **63.1315, 78.6983, 56.5544**, and if you desaturate by 10%, it is **80.0300, 86.7253, 88.2730**.

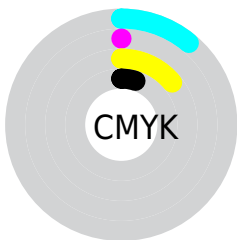
Distribution



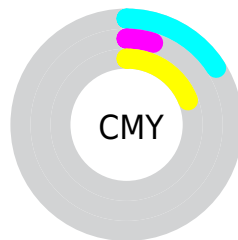
- Red (84%)
- Green (95%)
- Blue (81%)



- Red (81%)
- Yellow (95%)
- Blue (92%)



- Cyan (11%)
- Magenta (0%)
- Yellow (14%)
- Black (5%)



- Cyan (16%)
- Magenta (5%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.0389, 82.4563, 71.2030 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 71.0389, 82.4563, 71.2030 by changing the saturation by 10% instead.

71.0389, 82.4563,
71.2030

71.0389, 82.4563,
71.2030

453.3991,
503.1727, 483.6655

52.6566, 61.7417,
52.0250

119.7073,
136.8137, 122.6199

37.7551, 44.8240,
36.6426

150.7242,
171.2253, 155.6959

25.9690, 31.3189,
24.6373

186.6832,
210.9714, 194.2416

16.9330, 20.8418,
15.5905

227.9498,
256.4364, 238.6756

10.2817, 13.0084,
9.0836

274.8894,
308.0046, 289.4165

5.6499, 7.4343,
4.6982

327.8672,

2.6720, 3.7352,

366.0604, 346.8828

2.0157

387.2487,
430.9884, 411.4929

■ 0.9828, 1.5266,
0.5649

■ 0.0000, 0.3073,
0.0000

■ 71.0389, 82.4563,
71.2030

■ 71.0389, 82.4563,
71.2030

■ 63.1315, 78.6983,
56.5544

■ 80.0300, 86.7253,
88.2730

■ 56.2595, 75.4218,
44.2122

■ 90.0724, 91.4868,
107.5191

■ 50.3810, 72.6099,
34.0607

■ 91.0438, 91.9875,
107.5646

■ 45.4484, 70.2410,
25.9714

■ 41.4101, 68.2915,
19.8030

■ 38.2090, 66.7355,
15.3959

■ 35.7811, 65.5440,
12.5653

■ 34.0516, 64.6834,
11.0848

■ 33.3460, 64.3284,
10.6591

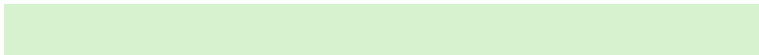
Harmonies

Analogous

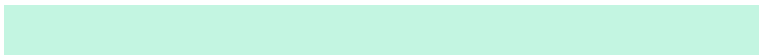
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.3491, 82.4563, 64.4354



71.0389, 82.4563, 71.2030



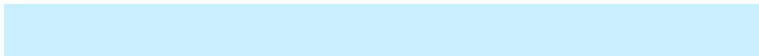
68.7393, 82.4563, 83.4363

Triad

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



71.0389, 82.4563, 71.2030



76.1244, 82.4563, 121.7732



88.6346, 82.4563, 81.2916

Complementary

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



71.0389, 82.4563, 71.2030



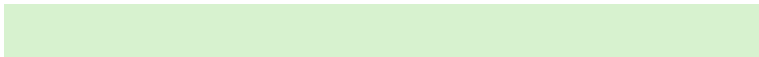
72.2749, 68.5312, 93.4273

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.



88.8655, 82.4563, 96.4393



71.0389, 82.4563, 71.2030



81.4752, 82.4563, 121.0289

Square

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



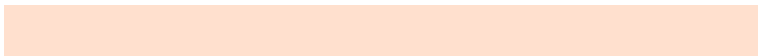
71.0389, 82.4563, 71.2030



71.5841, 82.4563, 113.2686



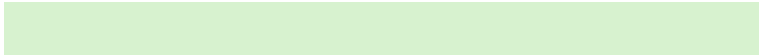
86.1937, 82.4563, 111.3381



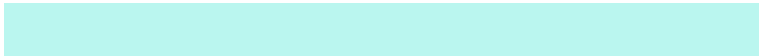
85.5765, 82.4563, 69.7877

Rectangle

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



71.0389, 82.4563, 71.2030



68.5839, 82.4563, 93.5759



86.1937, 82.4563, 111.3381



89.0503, 82.4563, 86.0899

Sweetspot

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



71.0411, 82.4598, 71.2048



90.6149, 97.8983, 100.3466



77.2593, 82.1367, 70.8147



19.2217, 20.8719, 21.1450



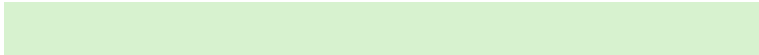
0.0000, 0.0000, 0.0000



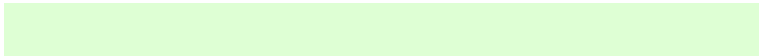
20.3446, 21.4041, 23.3091

Same Dimension

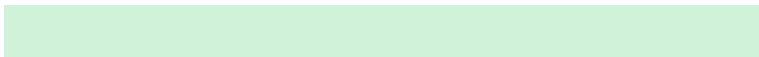
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.0411, 82.4598, 71.2048



77.5881, 91.7155, 75.6697



69.9246, 81.7485, 77.2875



15.9038, 17.8306, 16.7531



18.0106, 34.6064, 5.7304



1.5824, 2.9223, 0.4807

Inverse Universe

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



72.2749, 68.5312, 93.4273



79.1949, 73.5615, 104.6325



73.5942, 69.3692, 86.3555



16.0805, 15.8387, 19.9313



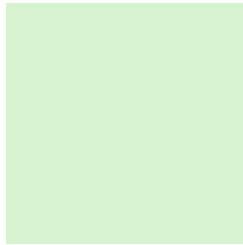
19.7040, 9.1632, 45.8580



1.7243, 0.8062, 3.8189

Previews

White Background



This preview shows how the XYZ color 71.0389, 82.4563, 71.2030 looks on a white background.

Color Contrast Check

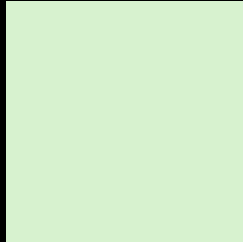
Large Text (above 18pt) WCAG AA × Fail

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 71.0389, 82.4563, 71.2030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

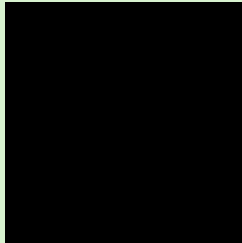
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

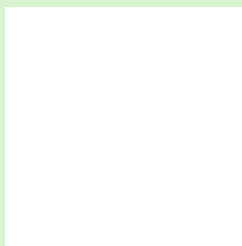
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.0389, 82.4563, 71.2030

Background



This preview shows how black text looks on a background with the XYZ color 71.0389, 82.4563, 71.2030.

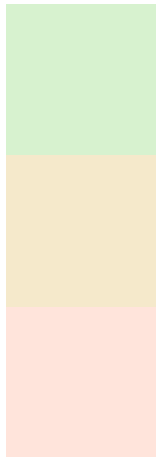


This preview shows how white text looks on a background with the XYZ color 71.0389, 82.4563,

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



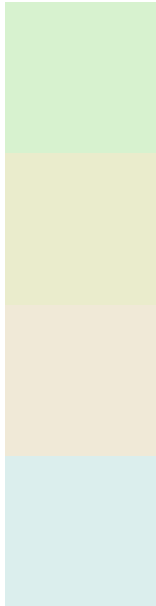
Original Color
71.0389, 82.4563, 71.2030
Protanopia
77.5746, 82.0021, 68.2393
Deuteranopia
81.7696, 81.8613, 78.5089



Tritanopia

77.7219, 82.1020, 105.5168

Trichromacy



Original Color

71.0389, 82.4563, 71.2030

Protanomaly

74.8262, 81.8430, 68.9802

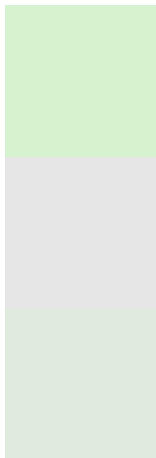
Deuteranomaly

77.3398, 81.7094, 75.9852

Tritanomaly

75.0740, 82.3236, 92.0540

Monochromacy



Original Color

71.0389, 82.4563, 71.2030

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

73.6590, 80.1271, 80.6911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0389, 82.4563, 71.2030 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(215, 242, 207)` looks like.

```
.text, #text, p{  
    color:rgb(215, 242, 207)  
}
```

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(215, 242, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 242, 207) }
```

Border

The CSS property to change the border of an element to XYZ 71.0389, 82.4563, 71.2030 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(215, 242, 207) }
```


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

```
.border{ border-color:rgb(215, 242, 207) }
```

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

Here you see how a box with a 4 pixel rgb(215, 242, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 242, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 242, 207);  
box-shadow:4px 4px 4px 4px rgb(215, 242,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0389, 82.4563, 71.2030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 242, 207) }
```

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

```
.background{ background-color: rgb(215,  
242, 207) }
```

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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