

Converting Colors

XYZ(70.3010, 81.2401, 63.1071)

Have a look what the booklet for
XYZ(70.3010, 81.2401, 63.1071)
contains.

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Color

**XYZ(70.4129, 81.4309,
63.0455)**

Conversions

Conversions Part 1

Format	Color
Hex	DCF0C2
RGB	220, 240, 194
RGB Percent	86%, 94%, 76%
CMY	0.1373, 0.0588, 0.2392
CMYK	0.08, 0.00, 0.19, 0.06
HSL	86°, 61%, 85%
HSV	86°, 19%, 94%
XYZ	70.4129, 81.4309, 63.0455
YIQ	228.7760, 2.8460, -18.5460

Conversions

Conversions Part 2

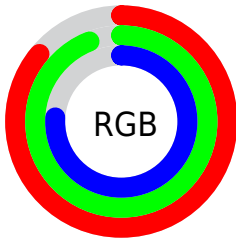
Format	Color
RYB	194, 240, 214
Decimal	14479554
CIELab	92.32, -14.49, 20.07
CIELCh	92, 24.752, 125.833
Yxy	81.4309, 0.3277, 0.3789
Android (android.graphics.Color)	4292669634 (0xFFDCFC2)
YUV	228.7760, -17.1446, -7.6966
Hunter-Lab	90.2391, -18.6361, 21.7444

Details

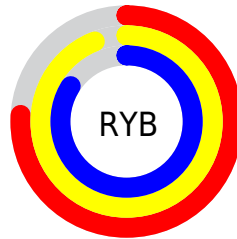
The XYZ color **70.4129, 81.4309, 63.0455** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **62.7548, 59.1732, 90.5566**, and the grayscale version is **74.4340, 78.3103, 85.2800**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **37.3912, 44.1738, 31.3666** is the 20% darker color. If you saturate the color by 10%, you get **64.8720, 78.8636, 49.8340**, and if you desaturate by 10%, it is **76.5907, 84.2811, 78.5625**.

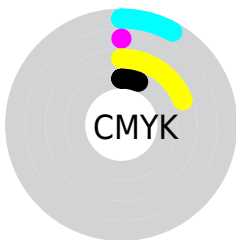
Distribution



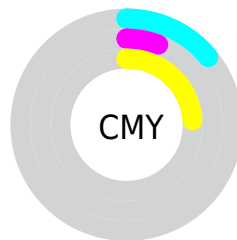
- Red (86%)
- Green (94%)
- Blue (76%)



- Red (76%)
- Yellow (94%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (19%)
- Black (6%)



- Cyan (14%)
- Magenta (6%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.4129, 81.4309, 63.0455 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 70.4129, 81.4309, 63.0455 by changing the saturation by 10% instead.

70.4129, 81.4309,
63.0455

70.4129, 81.4309,
63.0455

451.2423,
499.7421, 453.8471

52.1440, 60.8965,
45.4368

118.8205,
135.3756, 110.8214

37.3446, 44.1417,
31.4562

149.6898,
169.5548, 141.8256

25.6493, 30.7819,
20.6851

185.4901,
209.0511, 178.1321

16.6928, 20.4328,
12.7050

226.5867,
254.2488, 220.1593

10.1096, 12.7101,
7.0974

273.3448,
305.5323, 268.3259

5.5345, 7.2292,
3.4437

326.1298,

2.6021, 3.6059,

363.2861, 323.0504

1.3254

385.3072,
427.8946, 384.7513

0.9470, 1.4556,
0.0825

0.0000, 0.2572,
0.0000

70.4129, 81.4309,
63.0455

70.4129, 81.4309,
63.0455

64.8720, 78.8636,
49.8340

76.5907, 84.2811,
78.5625

59.9372, 76.5584,
38.8127

83.4220, 87.4132,
96.4825

55.5843, 74.5080,
29.8643

89.1076, 90.1106,
107.3043

51.7848, 72.7004,
22.8584

90.4518, 90.8035,
107.3673

■ 48.5073, 71.1227,
17.6499

■ 45.7165, 69.7603,
14.0730

■ 43.3707, 68.5960,
11.9316

■ 41.4086, 67.6047,
10.9239

■ 41.2565, 67.5276,
10.8597

Harmonies

Analogous

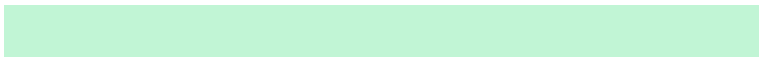
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.1533, 81.4309, 58.0154



70.4129, 81.4309, 63.0455



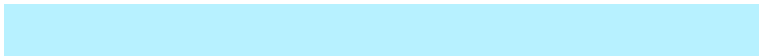
66.7018, 81.4309, 75.0013

Triad

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



70.4129, 81.4309, 63.0455



72.4670, 81.4309, 124.8726



90.3000, 81.4309, 85.1296

Complementary

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



70.4129, 81.4309, 63.0455



62.7548, 59.1732, 90.5566

Split Complementary

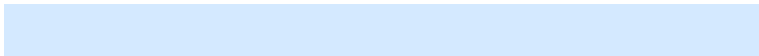
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.1798, 81.4309, 103.8935



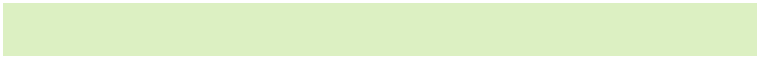
70.4129, 81.4309, 63.0455



78.6554, 81.4309, 128.5608

Square

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



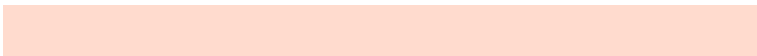
70.4129, 81.4309, 63.0455



67.8412, 81.4309, 110.9446



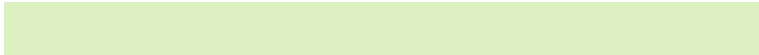
84.8296, 81.4309, 120.4248



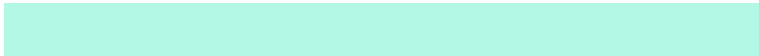
87.8119, 81.4309, 69.5866

Rectangle

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



70.4129, 81.4309, 63.0455



65.7588, 81.4309, 86.1276



84.8296, 81.4309, 120.4248



90.3346, 81.4309, 91.2505

Sweetspot

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



70.4151, 81.4344, 63.0473



90.2781, 97.8134, 96.3263



69.7056, 70.4826, 60.9707



19.2156, 20.8867, 20.3380



0.0000, 0.0000, 0.0000



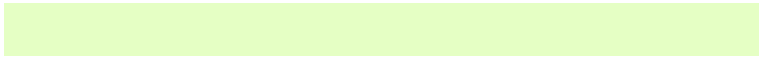
20.3446, 21.4041, 23.3091

Same Dimension

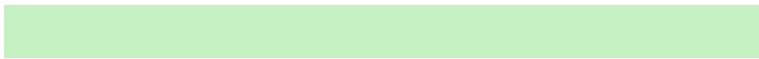
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.4151, 81.4344, 63.0473



78.2353, 92.2612, 66.1184



63.9436, 78.0983, 62.7444



16.4208, 18.0971, 16.7773



22.7387, 37.0438, 5.9517



2.0056, 3.1404, 0.5005

Inverse Universe

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



62.7548, 59.1732, 90.5566



67.9485, 62.3645, 103.0640



69.9259, 62.8701, 90.8922



15.5493, 15.5649, 19.9064



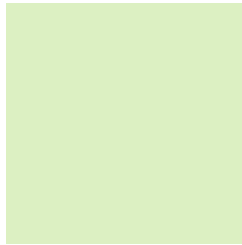
11.9045, 5.1424, 45.4930



1.1024, 0.4856, 3.7898

Previews

White Background



This preview shows how the XYZ color 70.4129, 81.4309, 63.0455 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 70.4129, 81.4309, 63.0455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

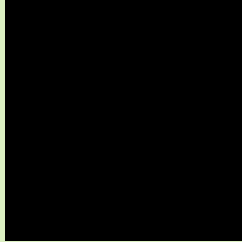
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

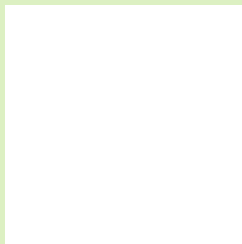
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.4129, 81.4309, 63.0455

Background



This preview shows how black text looks on a background with the XYZ color 70.4129, 81.4309, 63.0455.



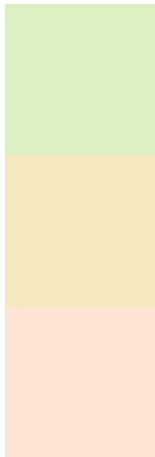
This preview shows how white text looks on a background with the XYZ color 70.4129, 81.4309,

63.0455.

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

70.4129, 81.4309, 63.0455

Protanopia

76.1569, 81.0238, 60.3404

Deuteranopia

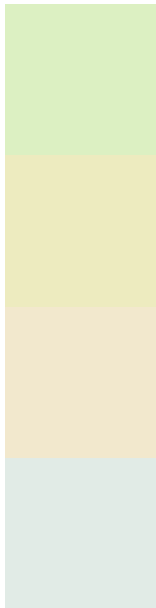
80.5928, 80.9516, 73.6649



Tritanopia

78.2641, 81.1722, 102.8096

Trichromacy



Original Color

70.4129, 81.4309, 63.0455

Protanomaly

74.0374, 81.1828, 61.0579

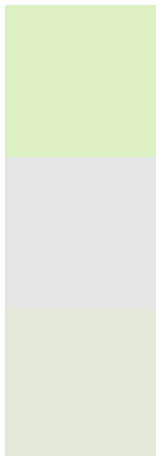
Deuteranomaly

76.4940, 80.9982, 69.3602

Tritanomaly

75.0426, 81.1374, 86.5688

Monochromacy



Original Color

70.4129, 81.4309, 63.0455

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

72.8976, 79.4044, 76.4502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4129, 81.4309, 63.0455 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(220, 240, 194)` looks like.

```
.text, #text, p{  
    color:rgb(220, 240, 194)  
}
```

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(220, 240, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 240, 194) }
```

Border

The CSS property to change the border of an element to XYZ 70.4129, 81.4309, 63.0455 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(220, 240, 194) }
```


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

```
.border{ border-color:rgb(220, 240, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 240, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 240, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 240, 194);  
box-shadow:4px 4px 4px 4px rgb(220, 240,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4129, 81.4309, 63.0455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 240, 194) }
```

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

```
.background{ background-color: rgb(220,  
240, 194) }
```

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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