

Converting Colors

XYZ(72.4280, 71.4258, 49.9688)

Have a look what the booklet for
XYZ(72.4280, 71.4258, 49.9688)
contains.

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Color

**XYZ(72.4235, 71.4030,
50.0094)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4AE
RGB	255, 212, 174
RGB Percent	100%, 83%, 68%
CMY	0.0000, 0.1686, 0.3176
CMYK	0.00, 0.17, 0.32, 0.00
HSL	28°, 100%, 84%
HSV	28°, 32%, 100%
XYZ	72.4235, 71.4030, 50.0094
YIQ	220.5250, 37.8260, -2.7020

Conversions

Conversions Part 2

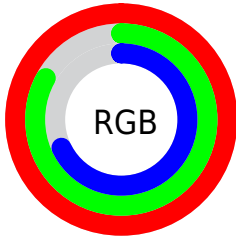
Format	Color
R _Y B	255, 246, 174
Decimal	16766126
CIE Lab	87.68, 9.79, 24.45
CIE LCh	88, 26.335, 68.184
Yxy	71.4030, 0.3736, 0.3684
Android (android.graphics.Color)	4294956206 (0xFFFFD4AE)
YUV	220.5250, -22.9368, 30.2346
Hunter-Lab	84.5003, 5.1132, 24.0609

Details

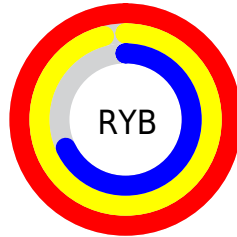
The XYZ color **72.4235, 71.4030, 50.0094** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.3176, 65.8421, 104.1375**, and the grayscale version is **68.5329, 72.1019, 78.5190**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **38.5341, 37.3647, 23.2703** is the 20% darker color. If you saturate the color by 10%, you get **66.9271, 64.0180, 37.0549**, and if you desaturate by 10%, it is **78.6791, 79.5507, 65.5468**.

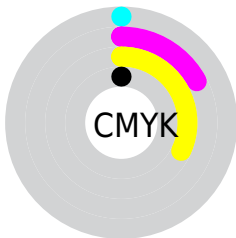
Distribution



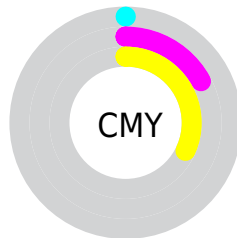
- Red (100%)
- Green (83%)
- Blue (68%)



- Red (100%)
- Yellow (96%)
- Blue (68%)



- Cyan (0%)
- Magenta (17%)
- Yellow (32%)
- Black (0%)





- Cyan (0%)
- Magenta (17%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.4235, 71.4030, 50.0094 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 72.4235, 71.4030, 50.0094 by changing the saturation by 10% instead.


 72.4235, 71.4030,
50.0094

 72.4235, 71.4030,
50.0094


458.1491,
465.4610, 403.4388

 53.7914, 52.6711,
35.0496


 121.6660,
121.2074, 91.5853

 38.6649, 37.5403,
23.4173

153.0071,
153.0487, 119.0384

 26.6787, 25.6261,
14.6937

189.3152,
190.0286, 151.4931

 17.4674, 16.5441,
8.4605

230.9558,
232.5315, 189.3679

 10.6657, 9.9100,
4.2990

278.2941,
280.9418, 233.0814

 5.9081, 5.3393,
1.7908

331.6955,

 2.8294, 2.4477,

335.6439, 283.0520

0.4219

391.5254,
397.0221, 339.6983

■ 1.0642, 0.8503,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.4235, 71.4030,
50.0094

■ 72.4235, 71.4030,
50.0094

■ 66.9271, 64.0180,
37.0549

■ 78.6791, 79.5507,
65.5468

■ 62.1508, 57.3612,
26.5356

■ 85.7199, 88.4745,
83.7948

■ 58.0598, 51.4099,
18.2953

■ 93.5771, 98.1997,
104.8779

■ 54.6137, 46.1357,
12.1578

95.0500, 100.0000,
108.9000

■ 51.7664, 41.5079,
7.9204

■ 49.4641, 37.4917,
5.3391

■ 47.9141, 34.6082,
4.1547

Harmonies

Analogous

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



77.7407, 71.4030, 58.3797



72.4235, 71.4030, 50.0094



66.1727, 71.4030, 48.4529

Triad

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



72.4235, 71.4030, 50.0094



56.6698, 71.4030, 82.7406



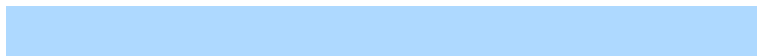
75.5570, 71.4030, 108.0031

Complementary

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



72.4235, 71.4030, 50.0094



60.3176, 65.8421, 104.1375

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.



69.5888, 71.4030, 116.9579



72.4235, 71.4030, 50.0094



58.8657, 71.4030, 100.9810

Square

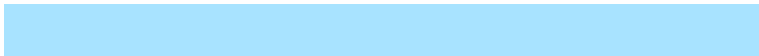
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.4235, 71.4030, 50.0094



57.3259, 71.4030, 65.6626



63.5046, 71.4030, 114.2083



79.6257, 71.4030, 91.2271

Rectangle

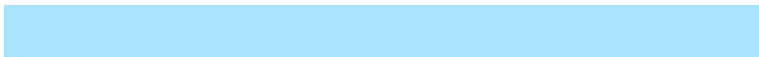
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.4235, 71.4030, 50.0094



62.3559, 71.4030, 51.2212



63.5046, 71.4030, 114.2083



73.6924, 71.4030, 112.1362

Sweetspot

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



72.4253, 71.4063, 50.0109



87.0458, 90.1312, 87.3046



68.9269, 56.5530, 73.0656



18.4048, 19.0088, 18.0867



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.



72.4253, 71.4063, 50.0109



68.9100, 66.7117, 41.6376



83.7849, 94.1255, 53.7974



18.7121, 19.3924, 18.9012



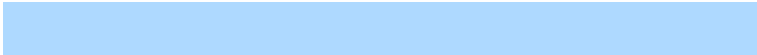
25.1827, 18.3766, 2.2198



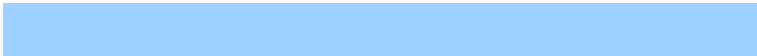
2.5602, 2.0057, 0.2522

Inverse Universe

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



60.3176, 65.8421, 104.1375



55.1020, 60.3627, 103.3547



51.1692, 47.5454, 101.0880



17.8013, 18.9742, 22.9741



14.1353, 13.1802, 51.2336



1.4857, 1.5022, 5.0249

Previews

White Background



This preview shows how the XYZ color 72.4235, 71.4030, 50.0094 looks on a white background.

Color Contrast Check

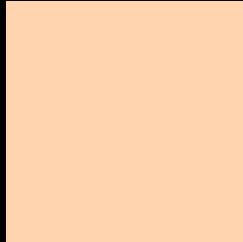
Large Text (above 18pt) WCAG AA × Fail

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 72.4235, 71.4030, 50.0094 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 72.4235, 71.4030, 50.0094

Background



This preview shows how black text looks on a background with the XYZ color 72.4235, 71.4030, 50.0094.



This preview shows how white text looks on a background with the XYZ color 72.4235, 71.4030,

50.0094.

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

72.4235, 71.4030, 50.0094

Protanopia

67.2334, 71.7244, 52.4201

Deuteranopia

72.7193, 71.5213, 51.5672



Tritanopia

76.8470, 71.5922, 78.1750

Trichromacy



Original Color

72.4235, 71.4030, 50.0094

Protanomaly

69.0243, 71.5008, 51.7580

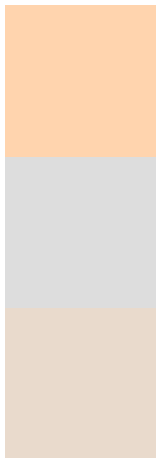
Deuteranomaly

72.6200, 71.4816, 51.0441

Tritanomaly

74.9395, 71.2206, 66.9239

Monochromacy



Original Color

72.4235, 71.4030, 50.0094

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.5748, 71.8261, 67.3236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4235, 71.4030, 50.0094 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(255, 212, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 174)  
}
```

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(255, 212, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 174) }
```

Border

The CSS property to change the border of an element to XYZ 72.4235, 71.4030, 50.0094 is called "border". The border property can be set on classes, ids or directly on the HTML element.

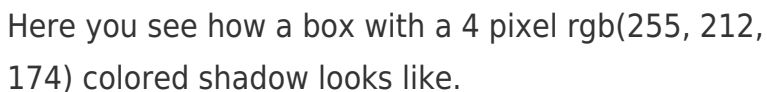
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 212, 174) }
```


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

```
.border{ border-color:rgb(255, 212, 174) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 212, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4235, 71.4030, 50.0094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 174) }
```

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

```
.background{ background-color: rgb(255,  
212, 174) }
```

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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