

Converting Colors

XYZ(72.4624, 70.4104, 71.0896)

Have a look what the booklet for
XYZ(72.4624, 70.4104, 71.0896)
contains.

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Color

**XYZ(72.7083, 70.7042,
71.4431)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D3D3
RGB	245, 211, 211
RGB Percent	96%, 83%, 83%
CMY	0.0392, 0.1725, 0.1725
CMYK	0.00, 0.14, 0.14, 0.04
HSL	0°, 63%, 89%
HSV	0°, 14%, 96%
XYZ	72.7083, 70.7042, 71.4431
YIQ	221.1660, 20.2640, 7.2080

Conversions

Conversions Part 2

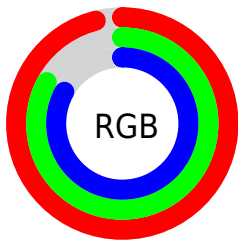
Format	Color
R _Y B	245, 211, 211
Decimal	16110547
CIE Lab	87.34, 11.85, 4.38
CIE LCh	87, 12.632, 20.299
Yxy	70.7042, 0.3384, 0.3291
Android (android.graphics.Color)	4294300627 (0xFF5D3D3)
YUV	221.1660, -5.0118, 20.9024
Hunter-Lab	84.0858, 7.1974, 8.4846

Details

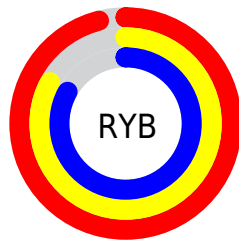
The XYZ color **72.7083, 70.7042, 71.4431** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.9972, 85.7442, 98.9316**, and the grayscale version is **68.8696, 72.4562, 78.9048**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7133, 36.9026, 36.9808** is the 20% darker color. If you saturate the color by 10%, you get **64.2392, 58.3119, 54.6039**, and if you desaturate by 10%, it is **82.5769, 85.1448, 91.0600**.

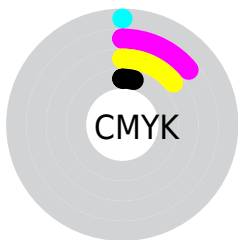
Distribution



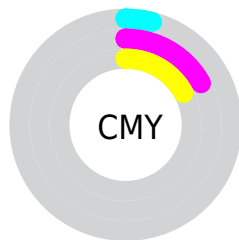
- Red (96%)
- Green (83%)
- Blue (83%)



- Red (96%)
- Yellow (83%)
- Blue (83%)



- Cyan (0%)
- Magenta (14%)
- Yellow (14%)
- Black (4%)





- Cyan (4%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.7083, 70.7042, 71.4431 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 72.7083, 70.7042, 71.4431 by changing the saturation by 10% instead.


 72.7083, 70.7042,
71.4431

 72.7083, 70.7042,
71.4431


459.1227,
463.0187, 484.5262

 54.0250, 52.1008,
52.2198


122.0684,
120.2124, 122.9648

 38.8524, 37.0855,
36.7969

153.4759,
151.8861, 156.1003

 26.8251, 25.2737,
24.7557


189.8555,
188.6854, 194.7102

 17.5778, 16.2811,
15.6778

231.5726,
230.9945, 239.2132

 10.7452, 9.7233,
9.1446

278.9925,
279.1981, 290.0278

 5.9618, 5.2159,
4.7375

332.4805,

 2.8623, 2.3745,

333.6804, 347.5724

2.0380

392.4022,
394.8258, 412.2657

■ 1.0814, 0.8127,
0.5785

■ 0.0094, 0.0000,
0.0000

■ 72.7083, 70.7042,
71.4431

■ 72.7083, 70.7042,
71.4431

■ 64.2392, 58.3119,
54.6039

■ 82.5769, 85.1448,
91.0600

■ 57.1007, 47.8664,
40.4126

■ 91.4664, 98.1526,
108.7323

■ 51.2270, 39.2715,
28.7360

■ 46.5444, 32.4194,
19.4275

■ 42.9715, 27.1910,
12.3253

■ 40.4167, 23.4525,
7.2472

■ 38.7740, 21.0484,
3.9824

■ 37.9140, 19.7897,
2.2735

■ 37.6568, 19.4133,
1.7624

Harmonies

Analogous

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



72.9967, 70.7042, 79.7771



72.7083, 70.7042, 71.4431



70.9209, 70.7042, 65.0618

Triad

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



72.7083, 70.7042, 71.4431



62.8987, 70.7042, 66.9921



66.2434, 70.7042, 94.2786

Complementary

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



72.7083, 70.7042, 71.4431



75.9972, 85.7442, 98.9316

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.



63.6159, 70.7042, 90.2823



72.7083, 70.7042, 71.4431



61.7228, 70.7042, 74.2585

Square

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



72.7083, 70.7042, 71.4431



65.2383, 70.7042, 62.6264



61.9814, 70.7042, 82.8060



69.2052, 70.7042, 93.3855

Rectangle

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



72.7083, 70.7042, 71.4431



69.1481, 70.7042, 62.5756



61.9814, 70.7042, 82.8060



65.2932, 70.7042, 93.4520

Sweetspot

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



72.7103, 70.7074, 71.4446



90.2833, 93.0251, 99.4234



77.4326, 72.5945, 96.3178



19.1386, 19.6394, 20.9115



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.



72.7103, 70.7074, 71.4446



76.5371, 72.9109, 72.0954



77.1582, 79.6032, 72.9272



16.4994, 16.4829, 17.1095



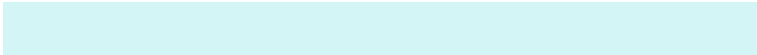
20.2864, 10.4584, 0.9495



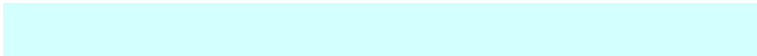
1.7830, 0.9193, 0.0835

Inverse Universe

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



75.9972, 85.7442, 98.9316



80.8587, 92.6813, 108.2353



71.0896, 75.9291, 97.2958



16.9966, 18.7574, 21.2673



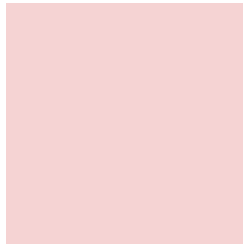
26.4641, 38.7220, 52.6173



2.3260, 3.4034, 4.6246

Previews

White Background



This preview shows how the XYZ color 72.7083, 70.7042, 71.4431 looks on a white background.

Color Contrast Check

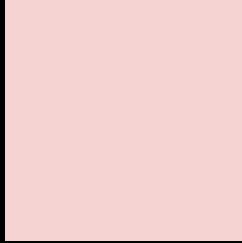
Large Text (above 18pt) WCAG AA × Fail

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 72.7083, 70.7042, 71.4431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

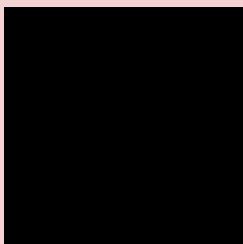
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.7083, 70.7042, 71.4431

Background



This preview shows how black text looks on a background with the XYZ color 72.7083, 70.7042, 71.4431.



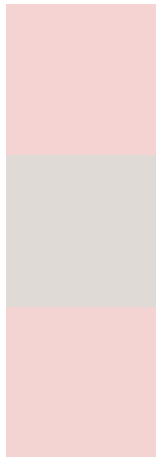
This preview shows how white text looks on a background with the XYZ color 72.7083, 70.7042,

71.4431.

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

72.7083, 70.7042, 71.4431

Protanopia

68.0776, 70.8964, 74.3863

Deuteranopia

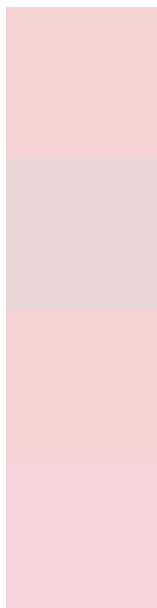
72.2635, 70.8448, 71.4937



Tritanopia

74.7488, 70.8113, 80.9624

Trichromacy



Original Color

72.7083, 70.7042, 71.4431

Protanomaly

69.7167, 70.6117, 73.5733

Deuteranomaly

72.6096, 71.0232, 71.5099

Tritanomaly

73.9709, 70.8533, 77.4875

Monochromacy



Original Color

72.7083, 70.7042, 71.4431

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.9704, 71.4585, 75.7507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7083, 70.7042, 71.4431 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(245, 211, 211)` looks like.

```
.text, #text, p{  
    color:rgb(245, 211, 211)  
}
```

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(245, 211, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 211, 211) }
```

Border

The CSS property to change the border of an element to XYZ 72.7083, 70.7042, 71.4431 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(245, 211, 211) }
```


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

```
.border{ border-color:rgb(245, 211, 211) }
```

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

Here you see how a box with a 4 pixel rgb(245, 211, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 211, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 211, 211);  
box-shadow:4px 4px 4px 4px rgb(245, 211,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7083, 70.7042, 71.4431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 211, 211) }
```

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

```
.background{ background-color: rgb(245,  
211, 211) }
```

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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