

Converting Colors

XYZ(74.6940, 73.0285, 71.6252)

Have a look what the booklet for
XYZ(74.6940, 73.0285, 71.6252)
contains.

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Color

**XYZ(74.5158, 72.7527,
71.7433)**

Conversions

Conversions Part 1

Format	Color
Hex	F8D6D3
RGB	248, 214, 211
RGB Percent	97%, 84%, 83%
CMY	0.0274, 0.1608, 0.1725
CMYK	0.00, 0.14, 0.15, 0.03
HSL	5°, 73%, 90%
HSV	5°, 15%, 97%
XYZ	74.5158, 72.7527, 71.7433
YIQ	223.8240, 21.2270, 6.2750

Conversions

Conversions Part 2

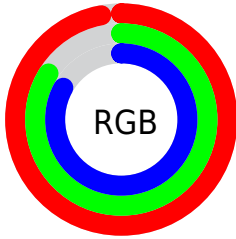
Format	Color
RYB	248, 214, 211
Decimal	16307923
CIELab	88.33, 11.34, 5.84
CIElCh	88, 12.761, 27.252
Yxy	72.7527, 0.3402, 0.3322
Android (android.graphics.Color)	4294498003 (0xFFFF8D6D3)
YUV	223.8240, -6.3222, 21.2024
Hunter-Lab	85.2952, 6.6750, 9.8368

Details

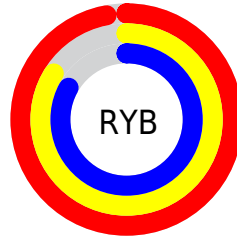
The XYZ color **74.5158, 72.7527, 71.7433** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.4591, 85.9291, 101.3637**, and the grayscale version is **70.7606, 74.4457, 81.0713**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9698, 38.3070, 37.1856** is the 20% darker color. If you saturate the color by 10%, you get **66.2748, 60.8678, 54.8224**, and if you desaturate by 10%, it is **84.0472, 86.4493, 91.4625**.

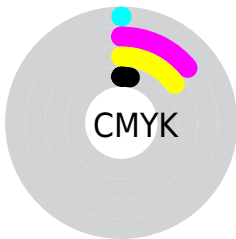
Distribution



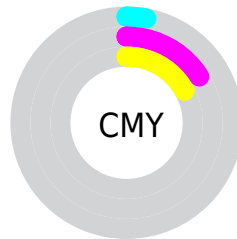
- Red (97%)
- Green (84%)
- Blue (83%)



- Red (97%)
- Yellow (84%)
- Blue (83%)



- Cyan (0%)
- Magenta (14%)
- Yellow (15%)
- Black (3%)





- Cyan (3%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.5158, 72.7527, 71.7433 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 74.5158, 72.7527, 71.7433 by changing the saturation by 10% instead.


 74.5158, 72.7527,
71.7433

 74.5158, 72.7527,
71.7433


465.2745,
470.1573, 485.6011

 55.5091, 53.7738,
52.4635


124.6183,
123.1261, 123.3958

 40.0449, 38.4208,
36.9898


156.4448,
155.2893, 156.6056

 27.7579, 26.3095,
24.9039


193.2752,
192.6161, 195.2957

 18.2828, 17.0553,
15.7871

235.4750,
235.4908, 239.8848

 11.2541, 10.2739,
9.2209

283.4095,
284.2979, 290.7913

 6.3066, 5.5810,
4.7868

337.4440,

 3.0748, 2.5920,

339.4218, 348.4339

2.0662

397.9439,
401.2468, 413.2310

■ 1.1934, 0.9226,
0.5955

■ 0.1012, 0.0000,
0.0000

■ 74.5158, 72.7527,
71.7433

■ 74.5158, 72.7527,
71.7433

■ 66.2748, 60.8678,
54.8224

■ 84.0472, 86.4493,
91.4625

■ 59.2629, 50.7095,
40.5685

■ 92.5217, 98.6966,
108.7817

■ 53.4230, 42.2004,
28.8470

■ 48.6909, 35.2534,
19.5096

■ 44.9963, 29.7734,
12.3923

■ 42.2608, 25.6548,
7.3109

■ 40.3946, 22.7780,
4.0510

■ 39.2907, 21.0024,
2.3504

■ 38.9643, 20.4618,
1.8959

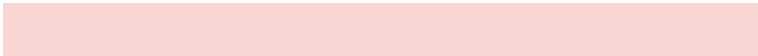
Harmonies

Analogous

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



75.1976, 72.7527, 80.0263



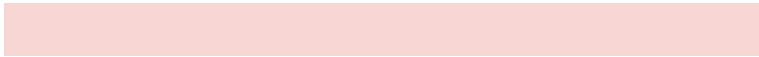
74.5158, 72.7527, 71.7433



72.3828, 72.7527, 65.8647

Triad

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



74.5158, 72.7527, 71.7433



64.3153, 72.7527, 70.4408



68.8674, 72.7527, 97.2769

Complementary

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



74.5158, 72.7527, 71.7433



76.4591, 85.9291, 101.3637

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.



66.0134, 72.7527, 94.2581



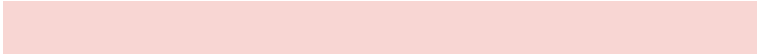
74.5158, 72.7527, 71.7433



63.4343, 72.7527, 78.4098

Square

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



74.5158, 72.7527, 71.7433



66.4885, 72.7527, 65.1527



64.0468, 72.7527, 87.1889



71.8801, 72.7527, 95.1686

Rectangle

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



74.5158, 72.7527, 71.7433



70.4564, 72.7527, 63.8830



64.0468, 72.7527, 87.1889



67.8584, 72.7527, 96.8233

Sweetspot

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



74.5178, 72.7560, 71.7448



90.5337, 93.5260, 99.5069



78.5694, 73.1712, 96.7968



19.2017, 19.7655, 20.9325



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

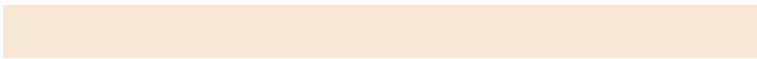
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5178, 72.7560, 71.7448



76.5118, 73.3700, 70.5157



79.3173, 82.3549, 73.3447



17.3578, 17.4515, 17.9160



21.0873, 11.1313, 1.0371



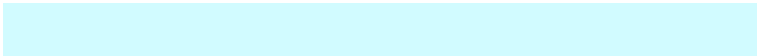
1.9907, 1.1063, 0.1086

Inverse Universe

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



76.4591, 85.9291, 101.3637



78.9553, 89.9549, 107.8094



71.2864, 75.5835, 99.6395



17.6382, 19.3532, 22.1912



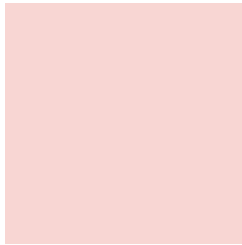
24.1688, 33.6932, 53.2032



2.2731, 3.1898, 4.9391

Previews

White Background



This preview shows how the XYZ color 74.5158, 72.7527, 71.7433 looks on a white background.

Color Contrast Check

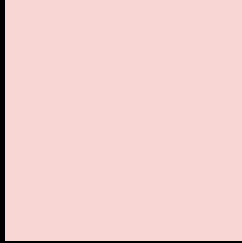
Large Text (above 18pt) WCAG AA × Fail

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 74.5158, 72.7527, 71.7433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

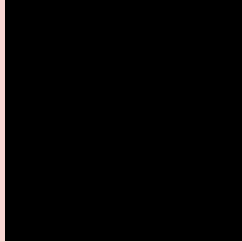
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.5158, 72.7527, 71.7433

Background



This preview shows how black text looks on a background with the XYZ color 74.5158, 72.7527, 71.7433.



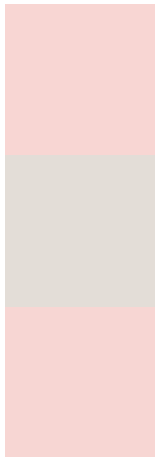
This preview shows how white text looks on a background with the XYZ color 74.5158, 72.7527, 71.7433.

71.7433.

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

74.5158, 72.7527, 71.7433

Protanopia

69.8007, 72.9501, 74.6919

Deuteranopia

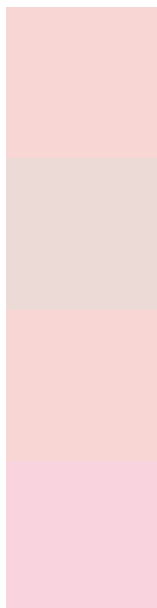
74.1622, 72.5704, 71.7267



Tritanopia

76.7222, 72.5140, 83.3517

Trichromacy



Original Color

74.5158, 72.7527, 71.7433

Protanomaly

71.4700, 72.6600, 73.8762

Deuteranomaly

74.1622, 72.5704, 71.7267

Tritanomaly

75.7952, 72.5006, 79.1064

Monochromacy



Original Color

74.5158, 72.7527, 71.7433

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.9837, 73.6245, 77.4348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5158, 72.7527, 71.7433 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(248, 214, 211)` looks like.

```
.text, #text, p{  
    color:rgb(248, 214, 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(248, 214, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 214, 211) }
```

Border

The CSS property to change the border of an element to XYZ 74.5158, 72.7527, 71.7433 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(248, 214, 211) }
```


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

```
.border{ border-color:rgb(248, 214, 211) }
```

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

Here you see how a box with a 4 pixel rgb(248, 214, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 214, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 214, 211);  
box-shadow:4px 4px 4px 4px rgb(248, 214,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5158, 72.7527, 71.7433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 214, 211) }
```

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

```
.background{ background-color: rgb(248,  
214, 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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