

Converting Colors

XYZ(74.6852, 72.9263, 71.4449)

Have a look what the booklet for
XYZ(74.6852, 72.9263, 71.4449)
contains.

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Color

**XYZ(74.8714, 72.9360,
71.7599)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D6D3
RGB	249, 214, 211
RGB Percent	98%, 84%, 83%
CMY	0.0235, 0.1608, 0.1725
CMYK	0.00, 0.14, 0.15, 0.02
HSL	5°, 76%, 90%
HSV	5°, 15%, 98%
XYZ	74.8714, 72.9360, 71.7599
YIQ	224.1230, 21.8230, 6.4870

Conversions

Conversions Part 2

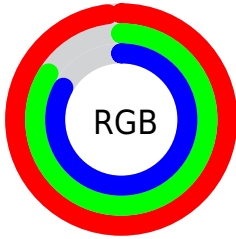
Format	Color
R _Y B	249, 214, 211
Decimal	16373459
CIE Lab	88.42, 11.70, 5.98
CIE LCh	88, 13.140, 27.077
Yxy	72.9360, 0.3410, 0.3322
Android (android.graphics.Color)	4294563539 (0xFFFF9D6D3)
YUV	224.1230, -6.4696, 21.8171
Hunter-Lab	85.4026, 7.0343, 9.9631

Details

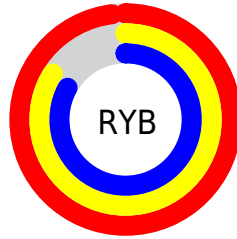
The XYZ color **74.8714, 72.9360, 71.7599** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.9182, 86.5982, 102.2845**, and the grayscale version is **70.9750, 74.6712, 81.3170**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2222, 38.4371, 37.1974** is the 20% darker color. If you saturate the color by 10%, you get **66.5881, 60.9835, 54.7723**, and if you desaturate by 10%, it is **84.4594, 86.7224, 91.5696**.

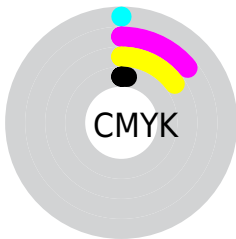
Distribution



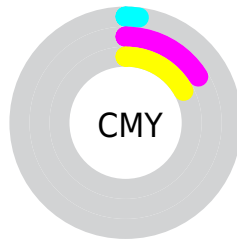
- Red (98%)
- Green (84%)
- Blue (83%)



- Red (98%)
- Yellow (84%)
- Blue (83%)



- Cyan (0%)
- Magenta (14%)
- Yellow (15%)
- Black (2%)





- Cyan (2%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.8714, 72.9360, 71.7599 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 74.8714, 72.9360, 71.7599 by changing the saturation by 10% instead.


 74.8714, 72.9360,
71.7599

 74.8714, 72.9360,
71.7599


466.4794,
470.7930, 485.6605

 55.8013, 53.9236,
52.4769


125.1192,
123.3864, 123.4197

 40.2800, 38.5406,
37.0005


157.0276,
155.5931, 156.6335

 27.9421, 26.4025,
24.9121


193.9463,
192.9668, 195.3281

 18.4223, 17.1250,
15.7931

236.2404,
235.8918, 239.9219

 11.3551, 10.3237,
9.2251

284.2754,
284.7526, 290.8335

 6.3753, 5.6141,
4.7895

338.4167,

 3.1174, 2.6119,

339.9334, 348.4815

2.0677

399.0296,
401.8187, 413.2843

■ 1.2161, 0.9326,
0.5965

■ 0.1191, 0.0000,
0.0000

■ 74.8714, 72.9360,
71.7599

■ 74.8714, 72.9360,
71.7599

■ 66.5881, 60.9835,
54.7723

■ 84.4594, 86.7224,
91.5696

■ 59.5471, 50.7784,
40.4741

■ 92.8773, 98.8799,
108.7983

■ 53.6904, 42.2416,
28.7286

■ 48.9527, 35.2845,
19.3855

■ 45.2622, 29.8098,
12.2786

■ 42.5392, 25.7100,
7.2207

■ 40.6919, 22.8624,
3.9939

■ 39.6109, 21.1229,
2.3309

■ 39.3120, 20.6293,
1.9099

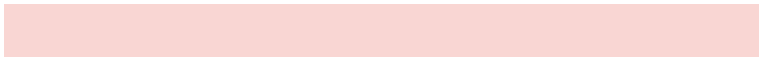
Harmonies

Analogous

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



75.5657, 72.9360, 80.3050



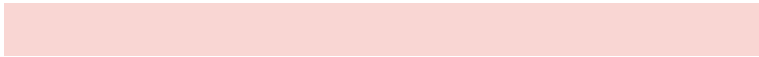
74.8714, 72.9360, 71.7599



72.6761, 72.9360, 65.6948

Triad

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



74.8714, 72.9360, 71.7599



64.3508, 72.9360, 70.3338



69.0143, 72.9360, 98.0776

Complementary

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



74.8714, 72.9360, 71.7599



76.9182, 86.5982, 102.2845

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.



66.0755, 72.9360, 94.9235



74.8714, 72.9360, 71.7599



63.4348, 72.9360, 78.5314

Square

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



74.8714, 72.9360, 71.7599



66.5963, 72.9360, 64.9164



64.0566, 72.9360, 87.5958



72.1241, 72.9360, 95.9258

Rectangle

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



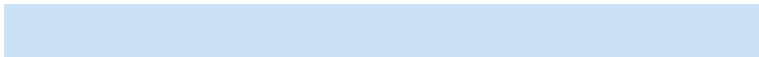
74.8714, 72.9360, 71.7599



70.6903, 72.9360, 63.6437



64.0566, 72.9360, 87.5958



67.9744, 72.9360, 97.5974

Sweetspot

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



74.8734, 72.9393, 71.7614



89.4325, 91.9416, 97.2343



79.0684, 73.4118, 97.5682



18.9794, 19.4456, 20.4747



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

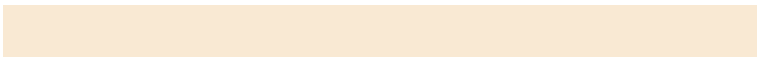
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8734, 72.9393, 71.7614



76.4872, 73.3207, 70.5075



79.8327, 82.8578, 73.4145



17.3548, 17.4456, 17.9150



21.0816, 11.1199, 1.0352



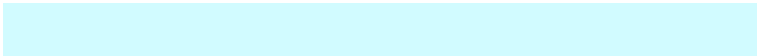
1.9893, 1.1035, 0.1081

Inverse Universe

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



76.9182, 86.5982, 102.2845



78.9860, 90.0163, 107.8196



71.5607, 75.8832, 100.4987



17.6415, 19.3599, 22.1923



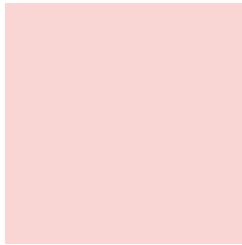
24.2465, 33.8485, 53.2290



2.2795, 3.2026, 4.9412

Previews

White Background



This preview shows how the XYZ color 74.8714, 72.9360, 71.7599 looks on a white background.

Color Contrast Check

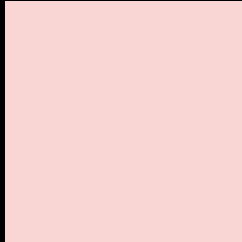
Large Text (above 18pt) WCAG AA × Fail

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 74.8714, 72.9360, 71.7599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

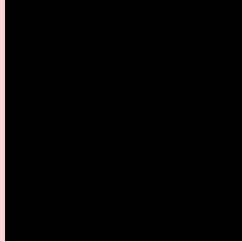
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.8714, 72.9360, 71.7599

Background



This preview shows how black text looks on a background with the XYZ color 74.8714, 72.9360, 71.7599.



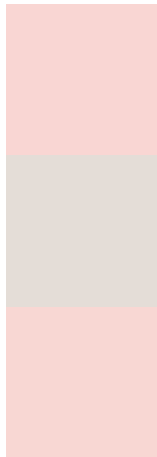
This preview shows how white text looks on a background with the XYZ color 74.8714, 72.9360,

71.7599.

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

74.8714, 72.9360, 71.7599

Protanopia

70.1171, 73.1132, 74.7067

Deuteranopia

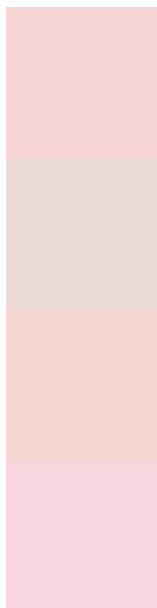
74.7697, 73.2605, 71.8279



Tritanopia

77.0815, 72.6992, 83.3685

Trichromacy



Original Color

74.8714, 72.9360, 71.7599

Protanomaly

71.8011, 72.8307, 73.8917

Deuteranomaly

74.7697, 73.2605, 71.8279

Tritanomaly

76.1526, 72.6849, 79.1231

Monochromacy



Original Color

74.8714, 72.9360, 71.7599

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 74.8714, 72.9360, 71.7599 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(249, 214, 211)` looks like.

```
.text, #text, p{  
    color:rgb(249, 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(249, 214, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 214, 211) }
```

Border

The CSS property to change the border of an element to XYZ 74.8714, 72.9360, 71.7599 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(249, 214, 211) }
```


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

```
.border{ border-color:rgb(249, 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(249, 214, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 214, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 214, 211);  
box-shadow:4px 4px 4px 4px rgb(249, 214,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8714, 72.9360, 71.7599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 214, 211) }
```

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

```
.background{ background-color: rgb(249,  
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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