

Converting Colors

XYZ(76.5429, 73.4519, 70.4650)

Have a look what the booklet for
XYZ(76.5429, 73.4519, 70.4650)
contains.

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Color

**XYZ(76.5429, 73.4519,
70.4650)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5D1
RGB	255, 213, 209
RGB Percent	100%, 84%, 82%
CMY	0.0000, 0.1647, 0.1804
CMYK	0.00, 0.16, 0.18, 0.00
HSL	5°, 100%, 91%
HSV	5°, 18%, 100%
XYZ	76.5429, 73.4519, 70.4650
YIQ	225.1020, 26.3160, 7.6600

Conversions

Conversions Part 2

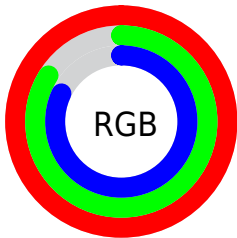
Format	Color
R _Y B	255, 213, 209
Decimal	16766417
CIE Lab	88.66, 14.05, 7.46
CIE LCh	89, 15.908, 27.956
Yxy	73.4519, 0.3472, 0.3332
Android (android.graphics.Color)	4294956497 (0xFFFFD5D1)
YUV	225.1020, -7.9383, 26.2205
Hunter-Lab	85.7041, 9.4374, 11.2452

Details

The XYZ color **76.5429, 73.4519, 70.4650** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.8407, 89.7671, 107.7792**, and the grayscale version is **71.6849, 75.4181, 82.1303**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4320, 38.8260, 36.3208** is the 20% darker color. If you saturate the color by 10%, you get **68.1937, 61.4081, 53.3327**, and if you desaturate by 10%, it is **86.2414, 87.3852, 90.5418**.

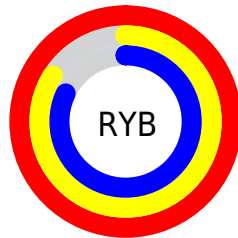
Distribution



Red (100%)

Green (84%)

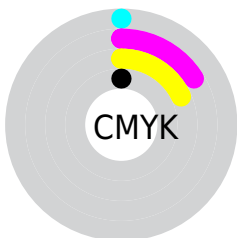
Blue (82%)



Red (100%)

Yellow (84%)

Blue (82%)

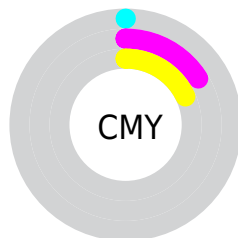


Cyan (0%)

Magenta (16%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5429, 73.4519, 70.4650 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 76.5429, 73.4519, 70.4650 by changing the saturation by 10% instead.


 76.5429, 73.4519,
70.4650

 76.5429, 73.4519,
70.4650


472.1200,
472.5795, 481.0142

 57.1764, 54.3456,
51.4266


127.4703,
124.1185, 121.5590

 41.3876, 38.8780,
36.1691


159.7619,
156.4476, 154.4516

 28.8111, 26.6648,
24.2741


197.0926,
193.9530, 192.7993

 19.0815, 17.3217,
15.3230

239.8278,
237.0192, 237.0208

 11.8335, 10.4641,
8.8973

288.3328,
286.0306, 287.5344

 6.7018, 5.7077,
4.5783

342.9729,

 3.3210, 2.6682,

341.3715, 344.7589

1.9477

404.1135,
403.4263, 409.1126

■ 1.3257, 0.9611,
0.5228

■ 0.2023, 0.0000,
0.0000

■ 76.5429, 73.4519,
70.4650

■ 76.5429, 73.4519,
70.4650

■ 68.1937, 61.4081,
53.3327

■ 86.2414, 87.3852,
90.5418

■ 61.1291, 51.1635,
39.0021

95.0500, 100.0000,
108.9000

■ 55.2866, 42.6345,
27.3255

■ 50.5967, 35.7270,
18.1396

■ 46.9824, 30.3383,
11.2632

■ 44.3578, 26.3535,
6.4904

■ 42.6234, 23.6414,
3.5789

■ 41.6540, 22.0441,
2.2032

■ 41.5307, 21.8415,
2.0269

Harmonies

Analogous

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



77.4579, 73.4519, 80.7335



76.5429, 73.4519, 70.4650



73.8062, 73.4519, 63.3539

Triad

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



76.5429, 73.4519, 70.4650



63.7388, 73.4519, 69.2708



69.5507, 73.4519, 103.0320

Complementary

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



76.5429, 73.4519, 70.4650



78.8407, 89.7671, 107.7792

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.



65.9681, 73.4519, 99.2789



76.5429, 73.4519, 70.4650



62.6900, 73.4519, 79.2245

Square

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



76.5429, 73.4519, 70.4650



66.4084, 73.4519, 62.7102



63.4912, 73.4519, 90.3079



73.3337, 73.4519, 100.1529

Rectangle

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



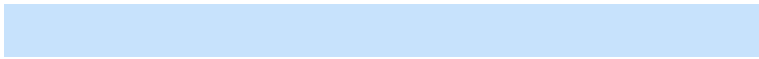
76.5429, 73.4519, 70.4650



71.3663, 73.4519, 61.0227



63.4912, 73.4519, 90.3079



68.2840, 73.4519, 102.4976

Sweetspot

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



76.5446, 73.4550, 70.4665



89.4630, 92.0027, 97.2445



81.4797, 73.8373, 101.3623



18.9868, 19.4603, 20.4771



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

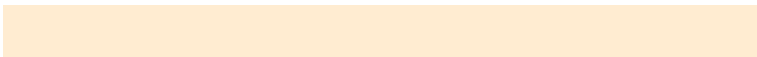
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5446, 73.4550, 70.4665



73.0787, 68.4619, 63.3348



82.6965, 85.7589, 72.5172



18.1365, 18.2411, 18.7093



21.7438, 11.4989, 1.0735



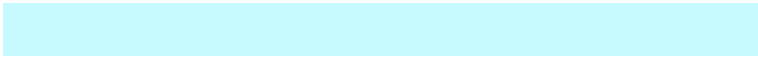
2.1584, 1.2021, 0.1183

Inverse Universe

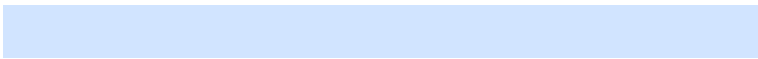
The Inverse Universe completely reimagines the original color for something new.



78.8407, 89.7671, 107.7792



75.7984, 87.7919, 107.5583



72.1345, 76.3546, 105.5438



18.4117, 20.1949, 23.1776



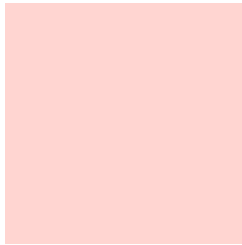
24.6838, 34.2773, 54.7498



2.4415, 3.4137, 5.3435

Previews

White Background



This preview shows how the XYZ color 76.5429, 73.4519, 70.4650 looks on a white background.

Color Contrast Check

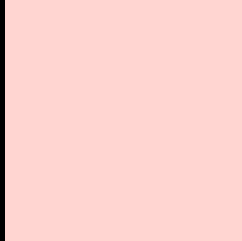
Large Text (above 18pt) WCAG AA × Fail

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 76.5429, 73.4519, 70.4650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

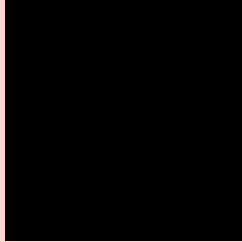
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.5429, 73.4519, 70.4650

Background



This preview shows how black text looks on a background with the XYZ color 76.5429, 73.4519, 70.4650.



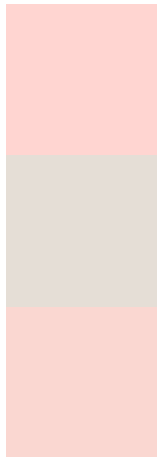
This preview shows how white text looks on a background with the XYZ color 76.5429, 73.4519,

70.4650.

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

76.5429, 73.4519, 70.4650

Protanopia

70.5720, 73.7556, 74.1350

Deuteranopia

75.2334, 73.5283, 70.5488



Tritanopia

78.2617, 73.3395, 81.9826

Trichromacy



Original Color

76.5429, 73.4519, 70.4650

Protanomaly

72.4751, 73.5936, 72.6725

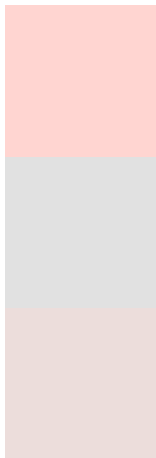
Deuteranomaly

75.7001, 73.3920, 70.4979

Tritanomaly

77.7018, 73.5143, 77.8045

Monochromacy



Original Color

76.5429, 73.4519, 70.4650

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.2347, 74.6602, 77.5688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5429, 73.4519, 70.4650 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, 213, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 209)  
}
```

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, 213, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 209) }
```

Border

The CSS property to change the border of an element to XYZ 76.5429, 73.4519, 70.4650 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, 213, 209) }
```


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

```
.border{ border-color:rgb(255, 213, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5429, 73.4519, 70.4650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 209) }
```

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

```
.background{ background-color: rgb(255,  
213, 209) }
```

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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