

Converting Colors

XYZ(74.7959, 70.5465, 68.0681)

Have a look what the booklet for
XYZ(74.7959, 70.5465, 68.0681)
contains.

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Color

**XYZ(74.6934, 70.3419,
68.0331)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFCE
RGB	255, 207, 206
RGB Percent	100%, 81%, 81%
CMY	0.0000, 0.1882, 0.1922
CMYK	0.00, 0.19, 0.19, 0.00
HSL	1°, 100%, 90%
HSV	1°, 19%, 100%
XYZ	74.6934, 70.3419, 68.0331
YIQ	221.2380, 28.9290, 9.8650

Conversions

Conversions Part 2

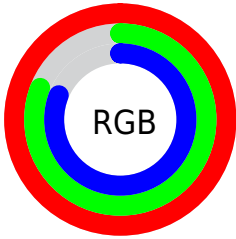
Format	Color
R _Y B	255, 207, 206
Decimal	16764878
CIE Lab	87.16, 16.73, 6.89
CIE LCh	87, 18.096, 22.372
Yxy	70.3419, 0.3506, 0.3301
Android (android.graphics.Color)	4294954958 (0xFFFFCFCE)
YUV	221.2380, -7.5123, 29.6093
Hunter-Lab	83.8701, 12.1967, 10.6146

Details

The XYZ color **74.6934, 70.3419, 68.0331** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.9443, 91.2226, 108.0547**, and the grayscale version is **68.9328, 72.5227, 78.9772**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3474, 37.0552, 34.7316** is the 20% darker color. If you saturate the color by 10%, you get **66.2633, 58.0436, 51.1594**, and if you desaturate by 10%, it is **84.5867, 84.7618, 87.8757**.

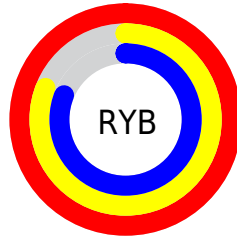
Distribution



Red (100%)

Green (81%)

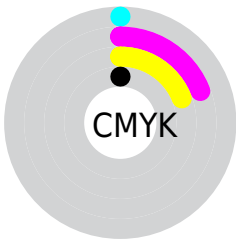
Blue (81%)



Red (100%)

Yellow (81%)

Blue (81%)

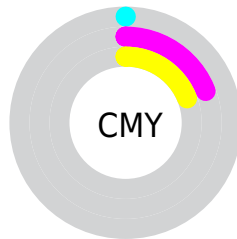


Cyan (0%)

Magenta (19%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6934, 70.3419, 68.0331 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 74.6934, 70.3419, 68.0331 by changing the saturation by 10% instead.


 74.6934, 70.3419,
68.0331

 74.6934, 70.3419,
68.0331


465.8765,
461.7496, 472.2145

 55.6550, 51.8053,
49.4578


124.8685,
119.6962, 118.0542

 40.1623, 36.8499,
34.6146

156.7359,
151.2827, 150.3370

 27.8499, 25.0913,
23.0850


193.6104,
187.9880, 188.0261

 18.3524, 16.1451,
14.4504

235.8574,
230.1964, 231.5400

 11.3045, 9.6269,
8.2923

283.8421,
278.2924, 281.2973

 6.3408, 5.1523,
4.1921

337.9300,

 3.0960, 2.3369,

332.6603, 337.7164

1.7313

398.4863,
393.6846, 401.2160

■ 1.2048, 0.7931,
0.3821

■ 0.1101, 0.0000,
0.0000

■ 74.6934, 70.3419,
68.0331

■ 74.6934, 70.3419,
68.0331

■ 66.2633, 58.0436,
51.1594

■ 84.5867, 84.7618,
87.8757

■ 59.2223, 47.7582,
37.1079

95.0500, 100.0000,
108.9000

■ 53.4973, 39.3812,
25.7258

■ 49.0067, 32.7953,
16.8443

■ 45.6596, 27.8701,
10.2753

■ 43.3529, 24.4575,
5.8042

■ 41.9647, 22.3835,
3.1763

■ 41.3290, 21.4205,
2.0138

■ 41.2968, 21.3735,
1.9489

Harmonies

Analogous

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



75.2786, 70.3419, 79.7355



74.6934, 70.3419, 68.0331



71.9661, 70.3419, 59.5283

Triad

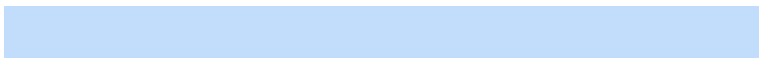
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6934, 70.3419, 68.0331



60.5995, 70.3419, 63.1866



65.7802, 70.3419, 102.1745

Complementary

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



74.6934, 70.3419, 68.0331



78.9443, 91.2226, 108.0547

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.



61.9973, 70.3419, 96.6359



74.6934, 70.3419, 68.0331



59.0897, 70.3419, 73.5291

Square

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



74.6934, 70.3419, 68.0331



63.7990, 70.3419, 56.9436



59.5904, 70.3419, 85.8367



70.0129, 70.3419, 100.3045

Rectangle

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



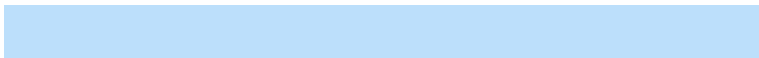
74.6934, 70.3419, 68.0331



69.3603, 70.3419, 56.4022



59.5904, 70.3419, 85.8367



64.4164, 70.3419, 101.0988

Sweetspot

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



74.6951, 70.3450, 68.0346



88.0878, 89.8617, 94.9069



81.2304, 72.5708, 103.6462



18.6994, 19.0084, 20.0027



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

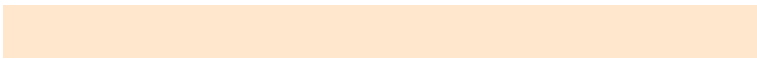
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6951, 70.3450, 68.0346



71.3357, 65.4454, 61.3061



81.0456, 83.0460, 70.1514



18.0392, 18.0467, 18.6769



21.5914, 11.1939, 1.0227



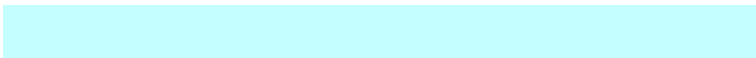
2.1123, 1.1100, 0.1029

Inverse Universe

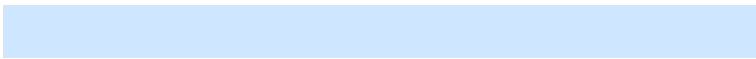
The Inverse Universe completely reimagines the original color for something new.



78.9443, 91.2226, 108.0547



76.2836, 89.7578, 107.9122



71.7130, 76.7600, 105.6442



18.5211, 20.4137, 23.2140



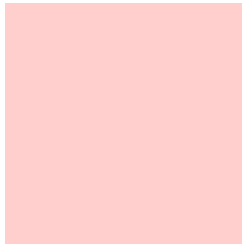
27.2716, 39.4527, 55.6124



2.6651, 3.8609, 5.4180

Previews

White Background



This preview shows how the XYZ color 74.6934, 70.3419, 68.0331 looks on a white background.

Color Contrast Check

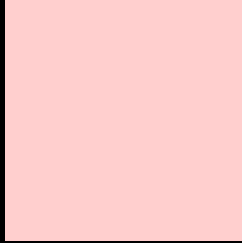
Large Text (above 18pt) WCAG AA × Fail

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 74.6934, 70.3419, 68.0331 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 74.6934, 70.3419, 68.0331

Background



This preview shows how black text looks on a background with the XYZ color 74.6934, 70.3419, 68.0331.

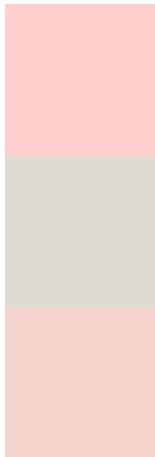


This preview shows how white text looks on a background with the XYZ color 74.6934, 70.3419,

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

74.6934, 70.3419, 68.0331

Protanopia

67.6955, 70.7436, 72.3743

Deuteranopia

71.9699, 70.4088, 67.5546



Tritanopia

76.1225, 70.1431, 77.9335

Trichromacy



Original Color

74.6934, 70.3419, 68.0331

Protanomaly

69.9404, 70.4084, 70.8767

Deuteranomaly

73.1330, 70.6407, 67.5381

Tritanomaly

75.7060, 70.3605, 74.5565

Monochromacy



Original Color

74.6934, 70.3419, 68.0331

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.5548, 71.3932, 75.0274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6934, 70.3419, 68.0331 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, 207, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 206)  
}
```

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, 207, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 206) }
```

Border

The CSS property to change the border of an element to XYZ 74.6934, 70.3419, 68.0331 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, 207, 206) }
```


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

```
.border{ border-color:rgb(255, 207, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6934, 70.3419, 68.0331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 206) }
```

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

```
.background{ background-color: rgb(255,  
207, 206) }
```

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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