

Converting Colors

XYZ(74.0604, 71.0811, 69.9420)

Have a look what the booklet for
XYZ(74.0604, 71.0811, 69.9420)
contains.

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Color

**XYZ(73.9796, 71.0206,
70.1308)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD2D1
RGB	250, 210, 209
RGB Percent	98%, 82%, 82%
CMY	0.0196, 0.1764, 0.1804
CMYK	0.00, 0.16, 0.16, 0.02
HSL	1°, 80%, 90%
HSV	1°, 16%, 98%
XYZ	73.9796, 71.0206, 70.1308
YIQ	221.8460, 24.1610, 8.1690

Conversions

Conversions Part 2

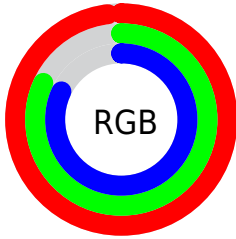
Format	Color
R _Y B	250, 210, 209
Decimal	16437969
CIE Lab	87.50, 13.83, 5.72
CIE LCh	87, 14.969, 22.458
Yxy	71.0206, 0.3439, 0.3301
Android (android.graphics.Color)	4294628049 (0xFFFAD2D1)
YUV	221.8460, -6.3331, 24.6911
Hunter-Lab	84.2737, 9.2170, 9.6517

Details

The XYZ color **73.9796, 71.0206, 70.1308** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.4250, 88.2070, 103.3882**, and the grayscale version is **69.3554, 72.9673, 79.4614**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6301, 37.1467, 36.0916** is the 20% darker color. If you saturate the color by 10%, you get **65.5552, 58.7421, 53.2314**, and if you desaturate by 10%, it is **83.8112, 85.3348, 89.8970**.

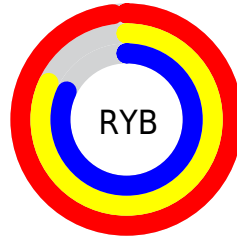
Distribution



Red (98%)

Green (82%)

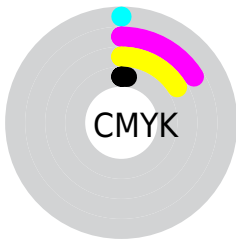
Blue (82%)



Red (98%)

Yellow (82%)

Blue (82%)

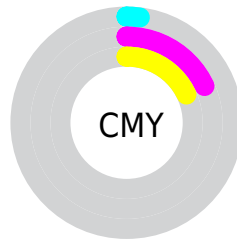


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (2%)



Cyan (2%)


Magenta (18%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.9796, 71.0206, 70.1308 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 73.9796, 71.0206, 70.1308 by changing the saturation by 10% instead.


 73.9796, 71.0206,
70.1308

 73.9796, 71.0206,
70.1308


463.4544,
464.1254, 479.8107

 55.0686, 52.3590,
51.1557


123.8625,
120.6631, 121.0781

 39.6907, 37.2913,
35.9550


155.5652,
152.4127, 153.8875

 27.4806, 25.4331,
24.1100


192.2624,
189.2938, 192.1453

 18.0729, 16.4000,
15.2023


234.3195,
231.6908, 236.2701

 11.1024, 9.8077,
8.8133

282.1019,
279.9881, 286.6805

 6.2035, 5.2716,
4.5244

335.9749,

 3.0111, 2.4075,

334.5700, 343.7951

1.9172

396.3040,
395.8210, 408.0323

■ 1.1596, 0.8297,
0.5037

■ 0.0741, 0.0000,
0.0000

■ 73.9796, 71.0206,
70.1308

■ 73.9796, 71.0206,
70.1308

■ 65.5552, 58.7421,
53.2314

■ 83.8112, 85.3348,
89.8970

■ 58.4680, 48.3978,
39.0616

■ 93.2347, 99.0642,
108.8150

■ 52.6512, 39.8921,
27.4796

■ 48.0296, 33.1174,
18.3292

■ 44.5202, 27.9548,
11.4371

■ 42.0295, 24.2708,
6.6073

■ 40.4486, 21.9100,
3.6106

■ 39.6435, 20.6829,
2.1612

■ 39.4912, 20.4571,
1.8672

Harmonies

Analogous

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



74.4660, 71.0206, 79.9119



73.9796, 71.0206, 70.1308



71.7288, 71.0206, 62.9022

Triad

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



73.9796, 71.0206, 70.1308



62.2570, 71.0206, 66.0667



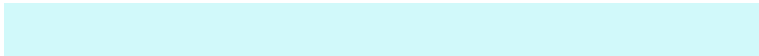
66.6150, 71.0206, 98.2710

Complementary

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



73.9796, 71.0206, 70.1308



77.4250, 88.2070, 103.3882

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.



63.4464, 71.0206, 93.8093



73.9796, 71.0206, 70.1308



60.9881, 71.0206, 74.8031

Square

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



73.9796, 71.0206, 70.1308



64.9403, 71.0206, 60.7025



61.4158, 71.0206, 85.0044



70.1322, 71.0206, 96.7449

Rectangle

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



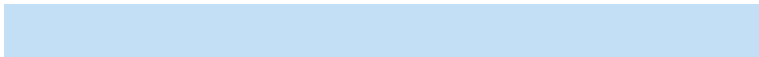
73.9796, 71.0206, 70.1308



69.5719, 71.0206, 60.2180



61.4158, 71.0206, 85.0044



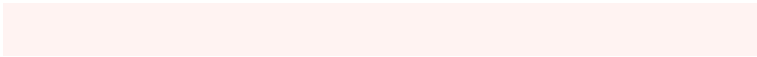
65.4755, 71.0206, 97.4092

Sweetspot

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



73.9816, 71.0238, 70.1323



89.2244, 91.5254, 97.1649



79.3740, 72.7852, 99.7480



18.9291, 19.3449, 20.4579



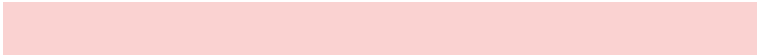
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



73.9816, 71.0238, 70.1323



74.0301, 69.4017, 66.6208



79.2817, 81.6241, 71.8990



17.2787, 17.2932, 17.8896



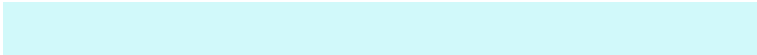
20.9621, 10.8808, 0.9954



1.9531, 1.0310, 0.0961

Inverse Universe

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



77.4250, 88.2070, 103.3882



78.3146, 90.7828, 108.0030



71.5194, 76.3956, 101.4197



17.7272, 19.5313, 22.2209



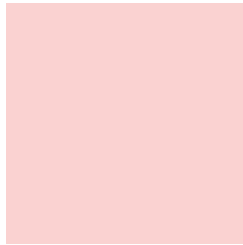
26.3093, 37.9742, 53.9167



2.4479, 3.5395, 4.9974

Previews

White Background



This preview shows how the XYZ color 73.9796, 71.0206, 70.1308 looks on a white background.

Color Contrast Check

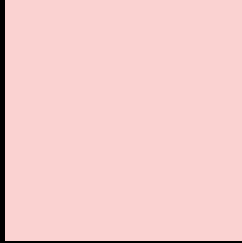
Large Text (above 18pt) WCAG AA × Fail

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 73.9796, 71.0206, 70.1308 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 73.9796, 71.0206, 70.1308

Background



This preview shows how black text looks on a background with the XYZ color 73.9796, 71.0206, 70.1308.

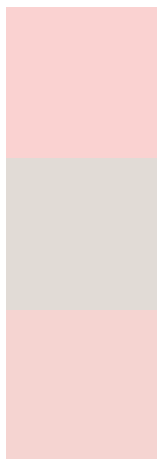


This preview shows how white text looks on a background with the XYZ color 73.9796, 71.0206,

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

73.9796, 71.0206, 70.1308

Protanopia

68.5205, 71.5256, 73.8127

Deuteranopia

72.7083, 71.1029, 70.2137



Tritanopia

76.1553, 71.1890, 80.2480

Trichromacy



Original Color

73.9796, 71.0206, 70.1308

Protanomaly

70.3712, 71.3576, 72.3518

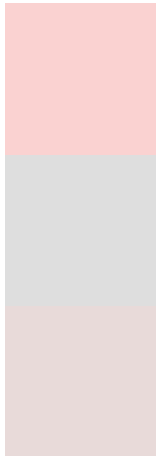
Deuteranomaly

73.1607, 70.9661, 70.1635

Tritanomaly

75.3703, 71.2246, 76.7931

Monochromacy



Original Color

73.9796, 71.0206, 70.1308

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.8745, 72.3084, 75.8671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9796, 71.0206, 70.1308 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(250, 210, 209) looks like.

```
.text, #text, p{  
    color:rgb(250, 210, 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(250, 210, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 210, 209) }
```

Border

The CSS property to change the border of an element to XYZ 73.9796, 71.0206, 70.1308 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(250, 210, 209) }
```


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

```
.border{ border-color:rgb(250, 210, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 210, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 210, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 210, 209);  
box-shadow:4px 4px 4px 4px rgb(250, 210,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9796, 71.0206, 70.1308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 210, 209) }
```

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

```
.background{ background-color: rgb(250,  
210, 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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