

Converting Colors

XYZ(71.7880, 71.0210, 69.8188)

Have a look what the booklet for
XYZ(71.7880, 71.0210, 69.8188)
contains.

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Color

**XYZ(71.7974, 71.0198,
69.5986)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D5D0
RGB	242, 213, 208
RGB Percent	95%, 84%, 82%
CMY	0.0510, 0.1647, 0.1843
CMYK	0.00, 0.12, 0.14, 0.05
HSL	9°, 57%, 88%
HSV	9°, 14%, 95%
XYZ	71.7974, 71.0198, 69.5986
YIQ	221.1010, 18.8890, 4.5930

Conversions

Conversions Part 2

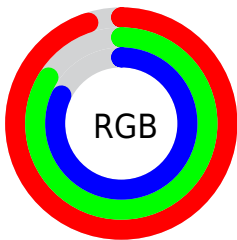
Format	Color
R _Y B	242, 214, 208
Decimal	15914448
CIE Lab	87.49, 9.27, 6.16
CIE LCh	87, 11.126, 33.591
Yxy	71.0198, 0.3380, 0.3343
Android (android.graphics.Color)	4294104528 (0xFFFF2D5D0)
YUV	221.1010, -6.4588, 18.3284
Hunter-Lab	84.2732, 4.5966, 10.0255

Details

The XYZ color **71.7974, 71.0198, 69.5986** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.3233, 80.3875, 95.7097**, and the grayscale version is **68.8344, 72.4192, 78.8645**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3093, 37.2259, 35.7381** is the 20% darker color. If you saturate the color by 10%, you get **64.1797, 60.1907, 53.4737**, and if you desaturate by 10%, it is **80.5340, 83.3582, 88.3394**.

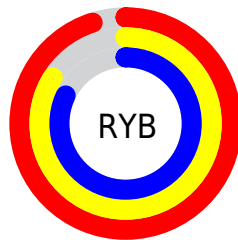
Distribution



Red (95%)

Green (84%)

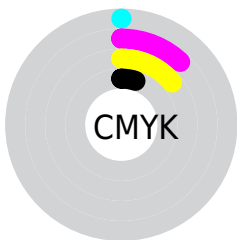
Blue (82%)



Red (95%)

Yellow (84%)

Blue (82%)

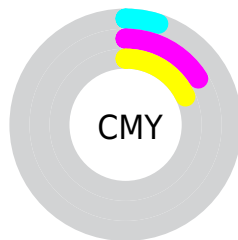


Cyan (0%)

Magenta (12%)

Yellow (14%)

Black (5%)



Cyan (5%)

Magenta (16%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7974, 71.0198, 69.5986 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 71.7974, 71.0198, 69.5986 by changing the saturation by 10% instead.


 71.7974, 71.0198,
69.5986

 71.7974, 71.0198,
69.5986


456.0047,
464.1226, 477.8904

 53.2781, 52.3584,
50.7246


120.7808,
120.6619, 120.3119

 38.2532, 37.2908,
35.6143


151.9756,
152.4114, 152.9882

 26.3573, 25.4327,
23.8491


188.1262,
189.2923, 191.1025

 17.2252, 16.3997,
15.0106

229.5981,
231.6891, 235.0731

 10.4915, 9.8075,
8.6801

276.7565,
279.9861, 285.3186

 5.7908, 5.2715,
4.4392

329.9668,

 2.7577, 2.4074,

334.5678, 342.2577

1.8692

389.5944,
395.8185, 406.3087

■ 1.0270, 0.8297,
0.4730

■ 0.0000, 0.0000,
0.0000

■ 71.7974, 71.0198,
69.5986

■ 71.7974, 71.0198,
69.5986

■ 64.1797, 60.1907,
53.4737

■ 80.5340, 83.3582,
88.3394

■ 57.6297, 50.8037,
39.8438

■ 90.1997, 97.1603,
108.6075

■ 52.1011, 42.8006,
28.5854

■ 90.4283, 97.6174,
108.6837

■ 47.5416, 36.1156,
19.5624

■ 43.8946, 30.6775,
12.6249

■ 41.0970, 26.4082,
7.6048

■ 39.0777, 23.2209,
4.3074

■ 37.7532, 21.0160,
2.4965

■ 37.2377, 20.1162,
1.9202

Harmonies

Analogous

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



72.6694, 71.0198, 76.4260



71.7974, 71.0198, 69.5986



69.7736, 71.0198, 65.0833

Triad

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



71.7974, 71.0198, 69.5986



63.0789, 71.0198, 71.0718



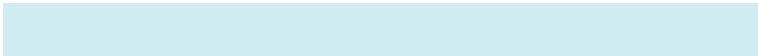
67.8191, 71.0198, 92.6817

Complementary

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



71.7974, 71.0198, 69.5986



72.3233, 80.3875, 95.7097

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.



65.2806, 71.0198, 91.0206



71.7974, 71.0198, 69.5986



62.5859, 71.0198, 78.2381

Square

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



71.7974, 71.0198, 69.5986



64.7462, 71.0198, 65.8944



63.3818, 71.0198, 85.6105



70.3353, 71.0198, 90.0142

Rectangle

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



71.7974, 71.0198, 69.5986



68.0675, 71.0198, 63.8265



63.3818, 71.0198, 85.6105



66.9400, 71.0198, 92.6118

Sweetspot

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



71.7994, 71.0230, 69.6001



90.7384, 93.9353, 99.5751



74.5291, 70.1318, 90.0882



19.2532, 19.8687, 20.9497



0.0000, 0.0000, 0.0000



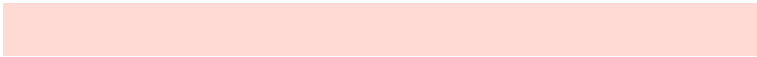
20.3446, 21.4041, 23.3091

Same Dimension

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



71.7994, 71.0230, 69.6001



78.1588, 76.1544, 72.6360



76.1711, 79.7665, 71.0574



15.9605, 16.1342, 16.4227



20.0639, 10.9259, 1.0514



1.7261, 1.0229, 0.1065

Inverse Universe

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



72.3233, 80.3875, 95.7097



78.8588, 88.6815, 107.5687



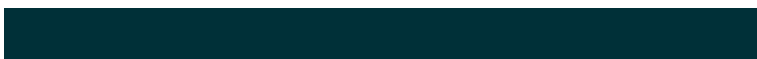
67.7563, 71.2534, 94.1873



16.0376, 17.5092, 20.2560



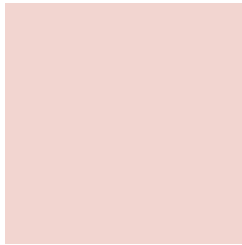
20.5954, 27.4150, 49.3340



1.7668, 2.3876, 4.1219

Previews

White Background



This preview shows how the XYZ color 71.7974, 71.0198, 69.5986 looks on a white background.

Color Contrast Check

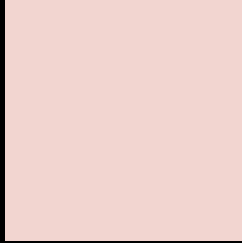
Large Text (above 18pt) WCAG AA × Fail

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 71.7974, 71.0198, 69.5986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

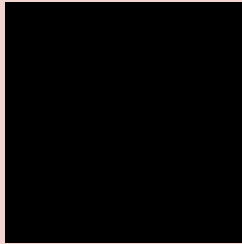
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.7974, 71.0198, 69.5986

Background



This preview shows how black text looks on a background with the XYZ color 71.7974, 71.0198, 69.5986.

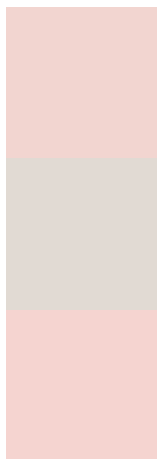


This preview shows how white text looks on a background with the XYZ color 71.7974, 71.0198,

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

71.7974, 71.0198, 69.5986

Protanopia

67.8806, 70.8535, 71.7264

Deuteranopia

72.5848, 71.0535, 69.5636



Tritanopia

74.2199, 70.8723, 82.4410

Trichromacy



Original Color

71.7974, 71.0198, 69.5986

Protanomaly

69.1437, 70.7538, 70.9854

Deuteranomaly

72.2369, 70.8741, 69.5473

Tritanomaly

73.1747, 70.8105, 77.5212

Monochromacy



Original Color

71.7974, 71.0198, 69.5986

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.7792, 71.7587, 75.1388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7974, 71.0198, 69.5986 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(242, 213, 208)` looks like.

```
.text, #text, p{  
    color:rgb(242, 213, 208)  
}
```

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(242, 213, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 213, 208) }
```

Border

The CSS property to change the border of an element to XYZ 71.7974, 71.0198, 69.5986 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(242, 213, 208) }
```


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

```
.border{ border-color:rgb(242, 213, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 213, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 213, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 213, 208);  
box-shadow:4px 4px 4px 4px rgb(242, 213,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7974, 71.0198, 69.5986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 213, 208) }
```

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

```
.background{ background-color: rgb(242,  
213, 208) }
```

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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