

Converting Colors

XYZ(71.8449, 69.1774, 70.5387)

Have a look what the booklet for
XYZ(71.8449, 69.1774, 70.5387)
contains.

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Color

**XYZ(71.8449, 69.1774,
70.5387)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D0D2
RGB	245, 208, 210
RGB Percent	96%, 82%, 82%
CMY	0.0392, 0.1843, 0.1765
CMYK	0.00, 0.15, 0.14, 0.04
HSL	357°, 65%, 89%
HSV	357°, 15%, 96%
XYZ	71.8449, 69.1774, 70.5387
YIQ	219.2910, 21.4100, 8.4660

Conversions

Conversions Part 2

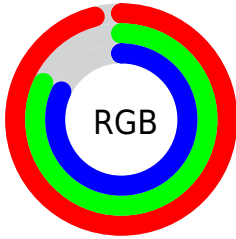
Format	Color
R _Y B	245, 208, 210
Decimal	16109778
CIE Lab	86.59, 13.26, 3.83
CIE LCh	87, 13.801, 16.098
Yxy	69.1774, 0.3396, 0.3270
Android (android.graphics.Color)	4294299858 (0xFFF5D0D2)
YUV	219.2910, -4.5805, 22.5468
Hunter-Lab	83.1730, 8.6359, 7.9374

Details

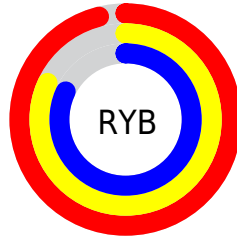
The XYZ color **71.8449, 69.1774, 70.5387** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.8452, 85.1874, 97.2962**, and the grayscale version is **67.5560, 71.0741, 77.3997**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2954, 36.2029, 36.4220** is the 20% darker color. If you saturate the color by 10%, you get **63.6452, 57.0689, 54.5753**, and if you desaturate by 10%, it is **81.3894, 83.3046, 89.0154**.

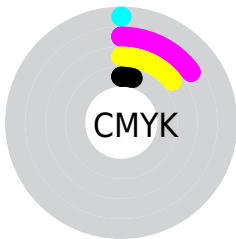
Distribution



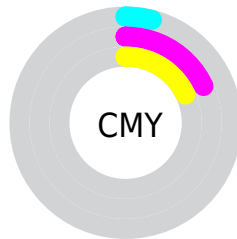
- Red (96%)
- Green (82%)
- Blue (82%)



- Red (96%)
- Yellow (82%)
- Blue (82%)



- Cyan (0%)
- Magenta (15%)
- Yellow (14%)
- Black (4%)





- Cyan (4%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.8449, 69.1774, 70.5387 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 71.8449, 69.1774, 70.5387 by changing the saturation by 10% instead.


 71.8449, 69.1774,
70.5387

 71.8449, 69.1774,
70.5387


456.1676,
457.6564, 481.2794

 53.3170, 50.8562,
51.4863


120.8480,
118.0349, 121.6650

 38.2844, 36.0942,
36.2164

152.0539,
149.3400, 154.5759

 26.3817, 24.5069,
24.3103


188.2165,
185.7419, 192.9435

 17.2436, 15.7101,
15.3497

229.7012,
227.6249, 237.1862

 10.5047, 9.3192,
8.9158

276.8732,
275.3735, 287.7226

 5.7997, 4.9500,
4.5902

330.0981,

 2.7631, 2.2180,

329.3720, 344.9712

1.9544

389.7411,
390.0048, 409.3506

■ 1.0298, 0.7298,
0.5270

■ 0.0000, 0.0000,
0.0000

■ 71.8449, 69.1774,
70.5387

■ 71.8449, 69.1774,
70.5387

■ 63.6452, 57.0689,
54.5753

■ 81.3894, 83.3046,
89.0154

■ 56.7243, 46.8784,
41.0125

■ 91.4664, 98.1526,
108.7323

■ 51.0197, 38.5102,
29.7356

■ 46.4608, 31.8568,
20.6185

■ 42.9702, 26.7996,
13.5233

■ 40.4606, 23.2047,
8.2959

■ 38.8311, 20.9165,
4.7602

■ 37.9589, 19.7440,
2.7061

■ 37.7305, 19.4422,
2.1522

Harmonies

Analogous

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



71.9097, 69.1774, 79.6382



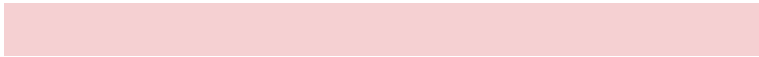
71.8449, 69.1774, 70.5387



70.1129, 69.1774, 63.3198

Triad

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



71.8449, 69.1774, 70.5387



61.4144, 69.1774, 63.7464



64.2831, 69.1774, 93.7656

Complementary

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



71.8449, 69.1774, 70.5387



74.8452, 85.1874, 97.2962

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.



61.5740, 69.1774, 88.7534



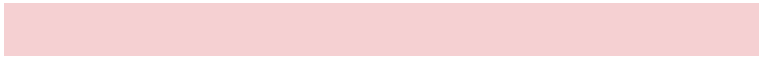
71.8449, 69.1774, 70.5387



59.9544, 69.1774, 71.1654

Square

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



71.8449, 69.1774, 70.5387



64.0588, 69.1774, 59.6212



60.0119, 69.1774, 80.3177



67.4729, 69.1774, 93.5633

Rectangle

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



71.8449, 69.1774, 70.5387



68.2770, 69.1774, 60.3262



60.0119, 69.1774, 80.3177



63.2882, 69.1774, 92.6182

Sweetspot

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



71.8468, 69.1805, 70.5402



89.2348, 91.3805, 97.6797



75.8405, 70.6792, 96.0320



18.9316, 19.3099, 20.5824



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.



71.8468, 69.1805, 70.5402



75.8952, 71.6421, 71.8354



75.7080, 77.2982, 70.6082



16.5354, 16.4970, 17.2998



20.3412, 10.4799, 1.2391



1.8003, 0.9261, 0.1747

Inverse Universe

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



71.8468, 69.1805, 70.5402



75.8952, 71.6421, 71.8354



70.5066, 76.0252, 97.3450



16.5354, 16.4970, 17.2998



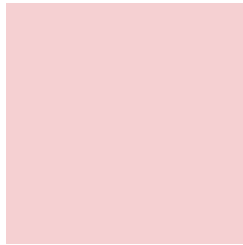
20.3412, 10.4799, 1.2391



1.8003, 0.9261, 0.1747

Previews

White Background



This preview shows how the XYZ color 71.8449, 69.1774, 70.5387 looks on a white background.

Color Contrast Check

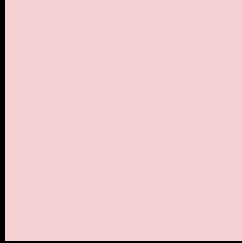
Large Text (above 18pt) WCAG AA × Fail

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 71.8449, 69.1774, 70.5387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

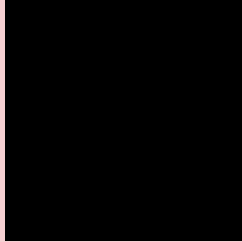
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.8449, 69.1774, 70.5387

Background



This preview shows how black text looks on a background with the XYZ color 71.8449, 69.1774, 70.5387.



This preview shows how white text looks on a background with the XYZ color 71.8449, 69.1774,

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

71.8449, 69.1774, 70.5387

Protanopia

66.5123, 69.3389, 73.4965

Deuteranopia

70.9551, 69.4471, 70.6377



Tritanopia

73.6139, 69.1907, 78.5825

Trichromacy



Original Color

71.8449, 69.1774, 70.5387

Protanomaly

68.4376, 69.2156, 72.7037

Deuteranomaly

71.0513, 69.1313, 70.5716

Tritanomaly

72.9737, 69.2804, 75.8560

Monochromacy



Original Color

71.8449, 69.1774, 70.5387

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.6900, 70.0527, 74.8669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8449, 69.1774, 70.5387 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(245, 208, 210) looks like.

```
.text, #text, p{  
    color:rgb(245, 208, 210)  
}
```

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(245, 208, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 208, 210) }
```

Border

The CSS property to change the border of an element to XYZ 71.8449, 69.1774, 70.5387 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(245, 208, 210) }
```


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

```
.border{ border-color:rgb(245, 208, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 208, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 208, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 208, 210);  
box-shadow:4px 4px 4px 4px rgb(245, 208,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8449, 69.1774, 70.5387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 208, 210) }
```

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

```
.background{ background-color: rgb(245,  
208, 210) }
```

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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