

Converting Colors

XYZ(74.4174, 71.0681, 89.0530)

Have a look what the booklet for
XYZ(74.4174, 71.0681, 89.0530)
contains.

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Color

**XYZ(74.3698, 71.1699,
89.1743)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | F0D3EC |
| RGB | 240, 211, 236 |
| RGB Percent | 94%, 83%, 93% |
| CMY | 0.0588, 0.1725, 0.0745 |
| CMYK | 0.00, 0.12, 0.02, 0.06 |
| HSL | 308°, 49%, 88% |
| HSV | 308°, 12%, 94% |
| XYZ | 74.3698, 71.1699, 89.1743 |
| YIQ | 222.5210, 9.2590, 13.9230 |

Conversions

Conversions Part 2

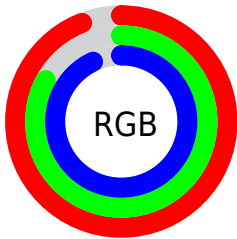
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 240, 211, 236 |
| Decimal | 15782892 |
| CIE Lab | 87.57, 14.33, -8.56 |
| CIE LCh | 88, 16.689, 329.155 |
| Yxy | 71.1699, 0.3169, 0.3032 |
| Android (android.graphics.Color) | 4293972972 (0xFFFF0D3EC) |
| YUV | 222.5210, 6.6451, 15.3291 |
| Hunter-Lab | 84.3623, 9.7233, -3.6183 |

Details

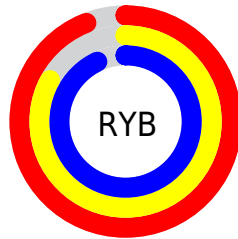
The XYZ color **74.3698, 71.1699, 89.1743** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.2926, 81.0774, 76.2386**, and the grayscale version is **69.7511, 73.3836, 79.9148**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8939, 37.2626, 48.2698** is the 20% darker color. If you saturate the color by 10%, you get **68.3709, 59.9339, 84.8239**, and if you desaturate by 10%, it is **81.2719, 84.1959, 93.8715**.

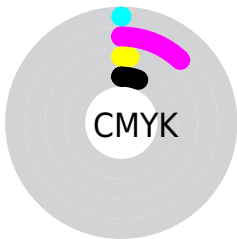
Distribution



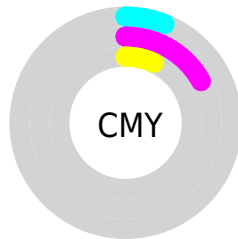
- Red (94%)
- Green (83%)
- Blue (93%)



- Red (94%)
- Yellow (83%)
- Blue (93%)



- Cyan (0%)
- Magenta (12%)
- Yellow (2%)
- Black (6%)





- Cyan (6%)
- Magenta (17%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3698, 71.1699, 89.1743 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 74.3698, 71.1699, 89.1743 by changing the saturation by 10% instead.


 74.3698, 71.1699,
89.1743

 74.3698, 71.1699,
89.1743


464.7793,
464.6471, 545.8418

 55.3891, 52.4809,
66.7262


124.4126,
120.8756, 148.1164

 39.9484, 37.3885,
48.4019


156.2054,
152.6611, 185.4475

 27.6824, 25.5084,
33.7830


192.9996,
189.5808, 228.5766

 18.2256, 16.4563,
22.4510

235.1606,
232.0192, 277.9223

 11.2127, 9.8476,
13.9872

283.0537,
280.3606, 333.9031

 6.2785, 5.2980,
7.9731

337.0443,

 3.0574, 2.4232,

334.9895, 396.9376

3.9902

397.4977,
396.2902, 467.4444

■ 1.1842, 0.8378,
1.6200

■ 0.0938, 0.0000,
0.3050

■ 74.3698, 71.1699,
89.1743

■ 74.3698, 71.1699,
89.1743

■ 68.3709, 59.9339,
84.8239

■ 81.2719, 84.1959,
93.8715

■ 63.2297, 50.4001,
80.8022

■ 87.8166, 96.4939,
98.4930

■ 58.9059, 42.4869,
77.0966

■ 88.3203, 96.6954,
101.1452

■ 55.3536, 36.1027,
73.6914

■ 88.8330, 96.9005,
103.8452

■ 52.5222, 31.1465,
70.5697

■ 89.3548, 97.1092,
106.5932

■ 50.3553, 27.5052,
67.7122

■ 89.7458, 97.2656,
108.6518

■ 48.7877, 25.0488,
65.0970

■ 47.7409, 23.6203,
62.6979

■ 47.1849, 23.0252,
60.9189

Harmonies

Analogous

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



71.4087, 71.1699, 98.0576



74.3698, 71.1699, 89.1743



75.5178, 71.1699, 77.8126

Triad

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



74.3698, 71.1699, 89.1743



67.7567, 71.1699, 57.7336



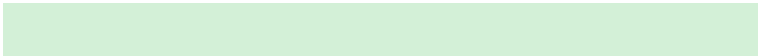
61.2333, 71.1699, 88.5665

Complementary

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



74.3698, 71.1699, 89.1743



70.2926, 81.0774, 76.2386

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.



60.3390, 71.1699, 77.1721



74.3698, 71.1699, 89.1743



64.0157, 71.1699, 60.0237

Square

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



74.3698, 71.1699, 89.1743



71.6097, 71.1699, 60.2942



61.3380, 71.1699, 66.8772



63.8292, 71.1699, 97.6834

Rectangle

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



74.3698, 71.1699, 89.1743



75.0676, 71.1699, 70.5788



61.3380, 71.1699, 66.8772



60.7283, 71.1699, 84.8424

Sweetspot

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



74.3719, 71.1730, 89.1758



91.6562, 93.5736, 106.6551



67.0107, 67.3102, 91.8997



19.4857, 19.7781, 22.7398



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.



74.3719, 71.1730, 89.1758



83.9169, 78.9865, 101.3270



72.3676, 70.3713, 78.6215



16.3550, 15.9917, 19.4255



25.8663, 12.6190, 33.5423



2.1775, 1.0600, 2.9253

Inverse Universe

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



74.3719, 71.1730, 89.1758



83.9169, 78.9865, 101.3270



72.2207, 81.8487, 86.3916



16.3550, 15.9917, 19.4255



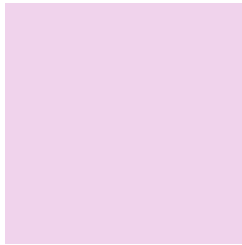
25.8663, 12.6190, 33.5423



2.1775, 1.0600, 2.9253

Previews

White Background



This preview shows how the XYZ color 74.3698, 71.1699, 89.1743 looks on a white background.

Color Contrast Check

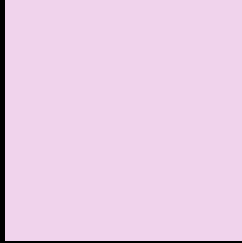
Large Text (above 18pt) WCAG AA × Fail

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 74.3698, 71.1699, 89.1743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

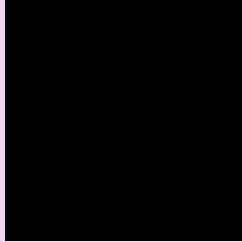
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3698, 71.1699, 89.1743

Background



This preview shows how black text looks on a background with the XYZ color 74.3698, 71.1699, 89.1743.



This preview shows how white text looks on a background with the XYZ color 74.3698, 71.1699,

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

74.3698, 71.1699, 89.1743

Protanopia

69.4149, 71.1858, 92.5198

Deuteranopia

72.8663, 71.1371, 89.2472



Tritanopia

73.2829, 71.0948, 83.9890

Trichromacy



Original Color

74.3698, 71.1699, 89.1743

Protanomaly

70.9318, 70.8404, 91.5964

Deuteranomaly

73.2759, 70.9760, 89.1946

Tritanomaly

73.7056, 71.2639, 86.2145

Monochromacy



Original Color

74.3698, 71.1699, 89.1743

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.6482, 72.9225, 83.6980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3698, 71.1699, 89.1743 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(240, 211, 236) looks like.

```
.text, #text, p{  
    color:rgb(240, 211, 236)  
}
```

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(240, 211, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 211, 236) }
```

Border

The CSS property to change the border of an element to XYZ 74.3698, 71.1699, 89.1743 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(240, 211, 236) }
```


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

```
.border{ border-color:rgb(240, 211, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 211, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 211, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 211, 236);  
box-shadow:4px 4px 4px 4px rgb(240, 211,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3698, 71.1699, 89.1743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 211, 236) }
```

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

```
.background{ background-color: rgb(240,  
211, 236) }
```

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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