

Converting Colors

XYZ(74.7022, 71.5251, 85.5905)

Have a look what the booklet for
XYZ(74.7022, 71.5251, 85.5905)
contains.

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Color

**XYZ(74.6802, 71.4127,
85.4493)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D3E7
RGB	243, 211, 231
RGB Percent	95%, 83%, 91%
CMY	0.0471, 0.1725, 0.0941
CMYK	0.00, 0.13, 0.05, 0.05
HSL	323°, 57%, 89%
HSV	323°, 13%, 95%
XYZ	74.6802, 71.4127, 85.4493
YIQ	222.8480, 12.6520, 13.0040

Conversions

Conversions Part 2

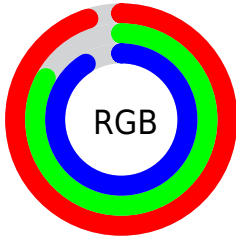
Format	Color
R _Y B	243, 211, 231
Decimal	15979495
CIE Lab	87.69, 14.46, -5.71
CIE LCh	88, 15.549, 338.450
Yxy	71.4127, 0.3225, 0.3084
Android (android.graphics.Color)	4294169575 (0xFFFF3D3E7)
YUV	222.8480, 4.0189, 17.6733
Hunter-Lab	84.5060, 9.8596, -0.7976

Details

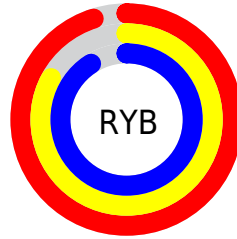
The XYZ color **74.6802, 71.4127, 85.4493** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.2366, 83.2797, 82.0832**, and the grayscale version is **69.9992, 73.6446, 80.1989**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1198, 37.4369, 45.6689** is the 20% darker color. If you saturate the color by 10%, you get **67.8403, 59.7386, 76.9835**, and if you desaturate by 10%, it is **82.5038, 84.9449, 94.5753**.

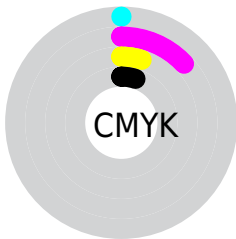
Distribution



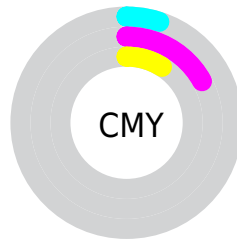
- Red (95%)
- Green (83%)
- Blue (91%)



- Red (95%)
- Yellow (83%)
- Blue (91%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (5%)





- Cyan (5%)
- Magenta (17%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6802, 71.4127, 85.4493 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 74.6802, 71.4127, 85.4493 by changing the saturation by 10% instead.


 74.6802, 71.4127,
85.4493

 74.6802, 71.4127,
85.4493


465.8318,
465.4948, 533.2969

 55.6442, 52.6791,
63.6604


124.8499,
121.2212, 142.8805

 40.1536, 37.5466,
45.9313

156.7143,
153.0648, 179.3598

 27.8431, 25.6310,
31.8433


193.5855,
190.0472, 221.5731

 18.3472, 16.5478,
20.9780

235.8290,
232.5528, 269.9388

 11.3008, 9.9126,
12.9168

283.8100,
280.9660, 324.8755

 6.3383, 5.3411,
7.2413

337.8939,

 3.0945, 2.4487,

335.6711, 386.8017

3.5327

398.4460,
397.0526, 456.1360

■ 1.2039, 0.8508,
1.3727

■ 0.1095, 0.0000,
0.1203

■ 74.6802, 71.4127,
85.4493

■ 74.6802, 71.4127,
85.4493

■ 67.8403, 59.7386,
76.9835

■ 82.5038, 84.9449,
94.5753

■ 61.9360, 49.8312,
69.1546

■ 89.8572, 97.4288,
103.8794

■ 56.9246, 41.6054,
61.9439

■ 90.7726, 97.7949,
108.6998

■ 52.7571, 34.9653,
55.3299

■ 49.3799, 29.8051,
49.2894

■ 46.7328, 26.0063,
43.7969

■ 44.7463, 23.4318,
38.8235

■ 43.3365, 21.9155,
34.3354

■ 42.6190, 21.3175,
31.5161

Harmonies

Analogous

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



72.3768, 71.4127, 94.7524



74.6802, 71.4127, 85.4493



75.1269, 71.4127, 74.8129

Triad

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



74.6802, 71.4127, 85.4493



66.8399, 71.4127, 59.3647



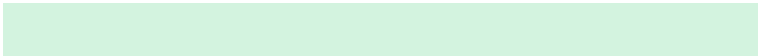
62.4774, 71.4127, 91.0671

Complementary

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



74.6802, 71.4127, 85.4493



72.2366, 83.2797, 82.0832

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.



61.1066, 71.4127, 80.7759



74.6802, 71.4127, 85.4493



63.5650, 71.4127, 62.9248

Square

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



74.6802, 71.4127, 85.4493



70.5112, 71.4127, 60.3711



61.4975, 71.4127, 70.5395



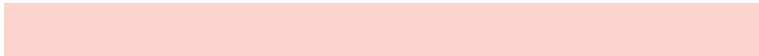
65.3066, 71.4127, 98.1946

Rectangle

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



74.6802, 71.4127, 85.4493



74.2968, 71.4127, 68.4858



61.4975, 71.4127, 70.5395



61.8355, 71.4127, 87.8277

Sweetspot

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



74.6823, 71.4158, 85.4508



91.2721, 93.4199, 104.6324



69.8241, 68.7087, 94.3770



19.3883, 19.7391, 22.2268



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.



74.6823, 71.4158, 85.4508



81.0206, 75.7278, 92.5498



72.5589, 70.5665, 74.2696



16.9347, 16.6567, 19.4027



23.4581, 11.7267, 17.6525



2.1115, 1.0506, 1.8134

Inverse Universe

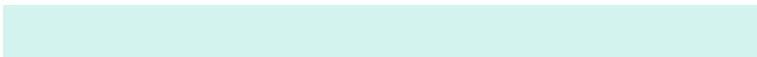
The Inverse Universe completely reimagines the original color for something new.



74.6823, 71.4158, 85.4508



81.0206, 75.7278, 92.5498



74.4574, 84.1680, 93.7781



16.9347, 16.6567, 19.4027



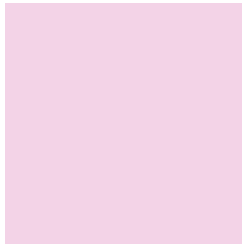
23.4581, 11.7267, 17.6525



2.1115, 1.0506, 1.8134

Previews

White Background



This preview shows how the XYZ color 74.6802, 71.4127, 85.4493 looks on a white background.

Color Contrast Check

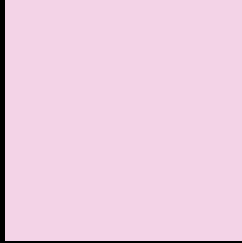
Large Text (above 18pt) WCAG AA × Fail

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 74.6802, 71.4127, 85.4493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

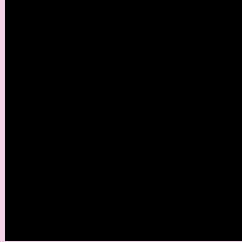
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.6802, 71.4127, 85.4493

Background



This preview shows how black text looks on a background with the XYZ color 74.6802, 71.4127, 85.4493.



This preview shows how white text looks on a background with the XYZ color 74.6802, 71.4127,

85.4493.

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

74.6802, 71.4127, 85.4493

Protanopia

69.6853, 71.7792, 89.5389

Deuteranopia

72.8101, 71.1909, 85.5050



Tritanopia

74.2600, 71.2447, 83.2365

Trichromacy



Original Color

74.6802, 71.4127, 85.4493

Protanomaly

71.4021, 71.5462, 87.8884

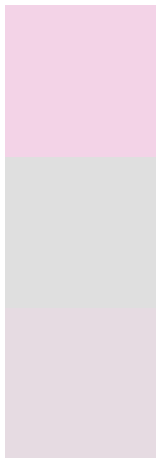
Deuteranomaly

73.5639, 71.2072, 85.4684

Tritanomaly

74.3993, 71.3004, 83.9698

Monochromacy



Original Color

74.6802, 71.4127, 85.4493

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.6921, 72.9770, 82.2589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6802, 71.4127, 85.4493 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(243, 211, 231) looks like.

```
.text, #text, p{  
    color:rgb(243, 211, 231)  
}
```

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(243, 211, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 211, 231) }
```

Border

The CSS property to change the border of an element to XYZ 74.6802, 71.4127, 85.4493 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(243, 211, 231) }
```


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

```
.border{ border-color:rgb(243, 211, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 211, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 211, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 211, 231);  
box-shadow:4px 4px 4px 4px rgb(243, 211,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6802, 71.4127, 85.4493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 211, 231) }
```

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

```
.background{ background-color: rgb(243,  
211, 231) }
```

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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