

Converting Colors

XYZ(74.3241, 69.1785, 78.2231)

Have a look what the booklet for
XYZ(74.3241, 69.1785, 78.2231)
contains.

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Color

**XYZ(74.4405, 69.2606,
78.5524)**

Conversions

Conversions Part 1

Format	Color
Hex	FACDDE
RGB	250, 205, 222
RGB Percent	98%, 80%, 87%
CMY	0.0196, 0.1961, 0.1294
CMYK	0.00, 0.18, 0.11, 0.02
HSL	337°, 82%, 89%
HSV	337°, 18%, 98%
XYZ	74.4405, 69.2606, 78.5524
YIQ	220.3930, 21.3630, 14.8270

Conversions

Conversions Part 2

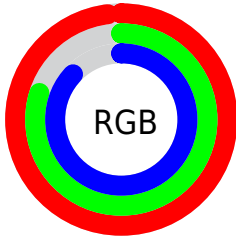
Format	Color
R _Y B	250, 205, 222
Decimal	16436702
CIE Lab	86.63, 18.50, -2.42
CIE LCh	87, 18.661, 352.542
Yxy	69.2606, 0.3349, 0.3116
Android (android.graphics.Color)	4294626782 (0xFF FACDDE)
YUV	220.3930, 0.7923, 25.9653
Hunter-Lab	83.2230, 14.0229, 2.2935

Details

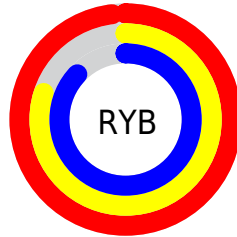
The XYZ color **74.4405, 69.2606, 78.5524** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.0732, 87.2354, 90.0291**, and the grayscale version is **68.2879, 71.8442, 78.2383**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0340, 36.2607, 41.4482** is the 20% darker color. If you saturate the color by 10%, you get **66.9418, 57.4469, 66.2360**, and if you desaturate by 10%, it is **83.0910, 83.0683, 92.2037**.

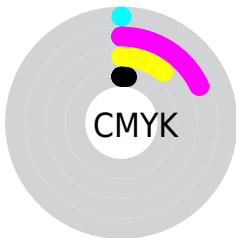
Distribution



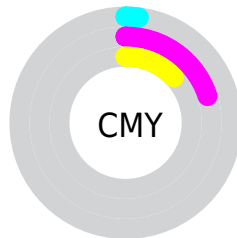
- Red (98%)
- Green (80%)
- Blue (87%)



- Red (98%)
- Yellow (80%)
- Blue (87%)



- Cyan (0%)
- Magenta (18%)
- Yellow (11%)
- Black (2%)





- Cyan (2%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.4405, 69.2606, 78.5524 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 74.4405, 69.2606, 78.5524 by changing the saturation by 10% instead.


 74.4405, 69.2606,
78.5524

 74.4405, 69.2606,
78.5524


465.0192,
457.9496, 509.6184

 55.4472, 50.9240,
58.0087


124.5122,
118.1537, 133.1215

 39.9951, 36.1481,
41.4009

156.3213,
149.4790, 167.9840

 27.7189, 24.5486,
28.3104


193.1331,
185.9026, 208.4565

 18.2533, 15.7411,
18.3187

235.3129,
227.8089, 254.9576

 11.2328, 9.3411,
11.0073

283.2260,
275.5824, 307.9058

 6.2921, 4.9643,
5.9575

337.2379,

 3.0658, 2.2264,

329.6074, 367.7196

2.7509

397.7138,
390.2683, 434.8176

■ 1.1887, 0.7343,
0.9689

■ 0.0974, 0.0000,
0.0000

■ 74.4405, 69.2606,
78.5524

■ 74.4405, 69.2606,
78.5524

■ 66.9418, 57.4469,
66.2360

■ 83.0910, 83.0683,
92.2037

■ 60.5386, 47.5254,
55.2076

■ 92.9328, 98.9434,
107.2251

■ 55.1784, 39.3991,
45.4240

■ 93.2347, 99.0642,
108.8150

■ 50.8021, 32.9586,
36.8376

■ 47.3443, 28.0825,
29.3971

■ 44.7309, 24.6330,
23.0470

■ 42.8755, 22.4475,
17.7257

■ 41.6622, 21.3061,
13.3593

■ 41.4644, 21.1401,
12.5860

Harmonies

Analogous

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



72.6668, 69.2606, 90.8736



74.4405, 69.2606, 78.5524



73.8279, 69.2606, 66.6316

Triad

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



74.4405, 69.2606, 78.5524



62.6879, 69.2606, 55.4542



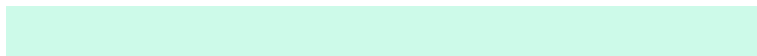
60.8925, 69.2606, 95.9811

Complementary

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



74.4405, 69.2606, 78.5524



74.0732, 87.2354, 90.0291

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.



58.4319, 69.2606, 84.9340



74.4405, 69.2606, 78.5524



59.4363, 69.2606, 61.8137

Square

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



74.4405, 69.2606, 78.5524



66.9174, 69.2606, 54.1441



57.9107, 69.2606, 72.3584



64.7547, 69.2606, 101.6291

Rectangle

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



74.4405, 69.2606, 78.5524



72.1607, 69.2606, 60.4047



57.9107, 69.2606, 72.3584



59.8811, 69.2606, 92.7217

Sweetspot

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



74.4425, 69.2637, 78.5539



89.8653, 91.6327, 100.9995



72.6119, 67.8498, 99.7126



19.0844, 19.3709, 21.3866



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.



74.4425, 69.2637, 78.5539



74.5706, 67.2329, 76.8195



73.5546, 70.9517, 67.5797



17.5158, 17.3337, 19.3060



22.0581, 11.2390, 7.0143



2.0926, 1.0608, 0.9112

Inverse Universe

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



74.4425, 69.2637, 78.5539



74.5706, 67.2329, 76.8195



75.0113, 85.0368, 102.9036



17.5158, 17.3337, 19.3060



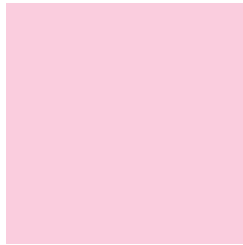
22.0581, 11.2390, 7.0143



2.0926, 1.0608, 0.9112

Previews

White Background



This preview shows how the XYZ color 74.4405, 69.2606, 78.5524 looks on a white background.

Color Contrast Check

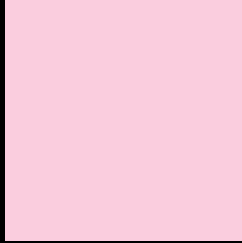
Large Text (above 18pt) WCAG AA × Fail

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 74.4405, 69.2606, 78.5524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

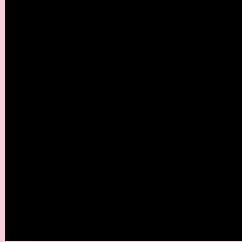
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.4405, 69.2606, 78.5524

Background



This preview shows how black text looks on a background with the XYZ color 74.4405, 69.2606, 78.5524.



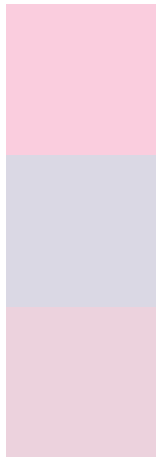
This preview shows how white text looks on a background with the XYZ color 74.4405, 69.2606,

78.5524.

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

74.4405, 69.2606, 78.5524

Protanopia

67.4729, 69.6186, 83.2803

Deuteranopia

70.6898, 69.1465, 78.0275



Tritanopia

74.3068, 69.2071, 77.8485

Trichromacy



Original Color

74.4405, 69.2606, 78.5524

Protanomaly

69.9041, 69.4009, 81.6629

Deuteranomaly

71.8826, 69.0330, 77.9427

Tritanomaly

74.3068, 69.2071, 77.8485

Monochromacy



Original Color

74.4405, 69.2606, 78.5524

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.3066, 70.8103, 78.3688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4405, 69.2606, 78.5524 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, 205, 222)` looks like.

```
.text, #text, p{  
    color:rgb(250, 205, 222)  
}
```

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, 205, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 205, 222) }
```

Border

The CSS property to change the border of an element to XYZ 74.4405, 69.2606, 78.5524 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, 205, 222) }
```


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

```
.border{ border-color:rgb(250, 205, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 205, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 205, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 205, 222);  
box-shadow:4px 4px 4px 4px rgb(250, 205,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4405, 69.2606, 78.5524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 205, 222) }
```

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

```
.background{ background-color: rgb(250,  
205, 222) }
```

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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