

Converting Colors

XYZ(74.6288, 69.3174, 81.9758)

Have a look what the booklet for
XYZ(74.6288, 69.3174, 81.9758)
contains.

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Color

**XYZ(74.7634, 69.3484,
82.1182)**

Conversions

Conversions Part 1

Format	Color
Hex	F9CDE3
RGB	249, 205, 227
RGB Percent	98%, 80%, 89%
CMY	0.0235, 0.1961, 0.1098
CMYK	0.00, 0.18, 0.09, 0.02
HSL	330°, 79%, 89%
HSV	330°, 18%, 98%
XYZ	74.7634, 69.3484, 82.1182
YIQ	220.6640, 19.1620, 16.1700

Conversions

Conversions Part 2

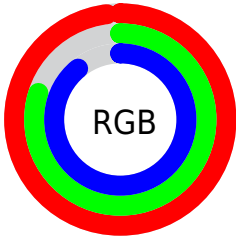
Format	Color
R _Y B	249, 205, 227
Decimal	16371171
CIE Lab	86.68, 18.98, -5.02
CIE LCh	87, 19.634, 345.182
Yxy	69.3484, 0.3305, 0.3065
Android (android.graphics.Color)	4294561251 (0xFFF9CDE3)
YUV	220.6640, 3.1236, 24.8507
Hunter-Lab	83.2757, 14.5216, -0.1729

Details

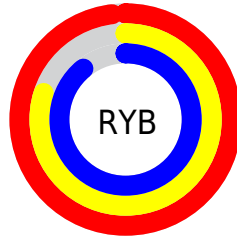
The XYZ color **74.7634, 69.3484, 82.1182** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.9204, 86.2785, 85.4872**, and the grayscale version is **68.4627, 72.0281, 78.4386**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2512, 36.3182, 43.9184** is the 20% darker color. If you saturate the color by 10%, you get **67.6180, 57.7083, 71.5623**, and if you desaturate by 10%, it is **82.9850, 82.9400, 93.6477**.

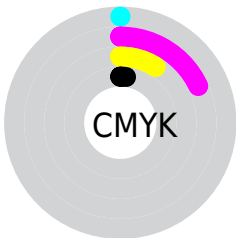
Distribution



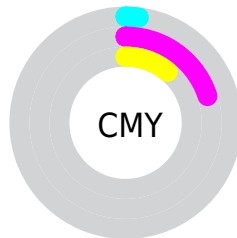
- Red (98%)
- Green (80%)
- Blue (89%)



- Red (98%)
- Yellow (80%)
- Blue (89%)



- Cyan (0%)
- Magenta (18%)
- Yellow (9%)
- Black (2%)





- Cyan (2%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7634, 69.3484, 82.1182 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 74.7634, 69.3484, 82.1182 by changing the saturation by 10% instead.

 74.7634, 69.3484,
82.1182

 74.7634, 69.3484,
82.1182


466.1137,
458.2588, 521.9368

 55.7126, 50.9955,
60.9266


124.9671,
118.2791, 138.1779

 40.2086, 36.2050,
43.7358

156.8507,
149.6256, 173.8831

 27.8862, 24.5926,
30.1272


193.7425,
186.0722, 215.2632

 18.3799, 15.7738,
19.6823

236.0080,
228.0031, 262.7368

 11.3244, 9.3642,
11.9825

284.0126,
275.8029, 316.7224

 6.3544, 4.9795,
6.6094

338.1214,

 3.1044, 2.2352,

329.8558, 377.6386

3.1443

398.7000,
390.5463, 445.9039

■ 1.2092, 0.7391,
1.1688

■ 0.1136, 0.0000,
0.0000

■ 74.7634, 69.3484,
82.1182

■ 74.7634, 69.3484,
82.1182

■ 67.6180, 57.7083,
71.5623

■ 82.9850, 82.9400,
93.6477

■ 61.4953, 47.9201,
61.9469

■ 92.3210, 98.5584,
106.1735

■ 56.3465, 39.8889,
53.2431

■ 92.8774, 98.8800,
108.7983

■ 52.1157, 33.5080,
45.4186

■ 48.7415, 28.6589,
38.4386

■ 46.1541, 25.2068,
32.2649

■ 44.2717, 22.9934,
26.8549

■ 42.9867, 21.8085,
22.1565

■ 42.7365, 21.6076,
21.1495

Harmonies

Analogous

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



72.3343, 69.3484, 94.6382



74.7634, 69.3484, 82.1182



74.7477, 69.3484, 69.1183

Triad

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



74.7634, 69.3484, 82.1182



63.6428, 69.3484, 53.7641



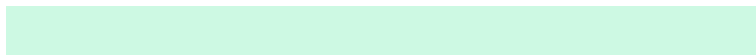
59.9214, 69.3484, 94.7693

Complementary

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



74.7634, 69.3484, 82.1182



72.9204, 86.2785, 85.4872

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.



57.8044, 69.3484, 82.2812



74.7634, 69.3484, 82.1182



59.8845, 69.3484, 59.1479

Square

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



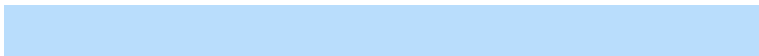
74.7634, 69.3484, 82.1182



68.1828, 69.3484, 53.7312



57.7912, 69.3484, 69.2636



63.6953, 69.3484, 102.4946

Rectangle

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



74.7634, 69.3484, 82.1182



73.3468, 69.3484, 61.9381



57.7912, 69.3484, 69.2636



59.0003, 69.3484, 90.9293

Sweetspot

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



74.7654, 69.3515, 82.1197



90.1069, 91.7293, 102.2721



70.6114, 66.8365, 98.8027



19.1430, 19.3944, 21.6956



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.



74.7654, 69.3515, 82.1197



76.2662, 68.8572, 82.8319



71.9202, 68.2134, 67.1371



17.6065, 17.3700, 19.7838



22.9476, 11.5948, 11.6986



2.1788, 1.0953, 1.3652

Inverse Universe

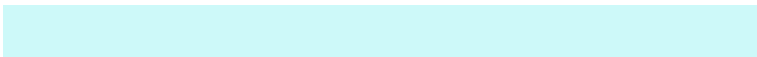
The Inverse Universe completely reimagines the original color for something new.



74.7654, 69.3515, 82.1197



76.2662, 68.8572, 82.8319



76.1536, 87.5718, 102.5129



17.6065, 17.3700, 19.7838



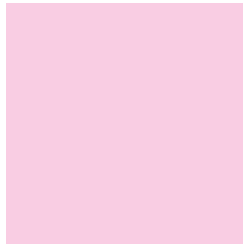
22.9476, 11.5948, 11.6986



2.1788, 1.0953, 1.3652

Previews

White Background



This preview shows how the XYZ color 74.7634, 69.3484, 82.1182 looks on a white background.

Color Contrast Check

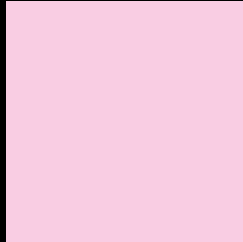
Large Text (above 18pt) WCAG AA × Fail

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 74.7634, 69.3484, 82.1182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

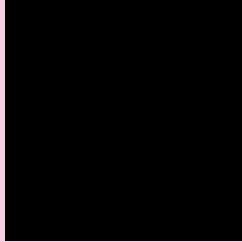
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.7634, 69.3484, 82.1182

Background



This preview shows how black text looks on a background with the XYZ color 74.7634, 69.3484, 82.1182.



This preview shows how white text looks on a background with the XYZ color 74.7634, 69.3484,

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

74.7634, 69.3484, 82.1182

Protanopia

67.7261, 69.6512, 87.7164

Deuteranopia

70.9534, 69.5719, 81.6406



Tritanopia

73.9675, 69.3730, 78.5991

Trichromacy



Original Color

74.7634, 69.3484, 82.1182

Protanomaly

69.9622, 69.3505, 85.2999

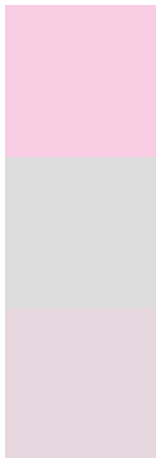
Deuteranomaly

72.1245, 69.4426, 81.5539

Tritanomaly

74.2373, 69.4809, 80.0194

Monochromacy



Original Color

74.7634, 69.3484, 82.1182

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.5747, 70.9175, 79.7808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7634, 69.3484, 82.1182 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(249, 205, 227) looks like.

```
.text, #text, p{  
    color:rgb(249, 205, 227)  
}
```

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(249, 205, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 205, 227) }
```

Border

The CSS property to change the border of an element to XYZ 74.7634, 69.3484, 82.1182 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(249, 205, 227) }
```


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

```
.border{ border-color:rgb(249, 205, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 205, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 205, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 205, 227);  
box-shadow:4px 4px 4px 4px rgb(249, 205,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7634, 69.3484, 82.1182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 205, 227) }
```

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

```
.background{ background-color: rgb(249,  
205, 227) }
```

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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