

Converting Colors

XYZ(89.1267, 80.1907, 83.0427)

Have a look what the booklet for
XYZ(89.1267, 80.1907, 83.0427)
contains.

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Color

**XYZ(79.0140, 74.8441,
82.2334)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFD6E2 |
| RGB | 255, 214, 226 |
| RGB Percent | 100%, 84%, 89% |
| CMY | 0.0000, 0.1608, 0.1137 |
| CMYK | 0.00, 0.16, 0.11, 0.00 |
| HSL | 342°, 100%, 92% |
| HSV | 342°, 16%, 100% |
| XYZ | 79.0140, 74.8441, 82.2334 |
| YIQ | 227.6270, 20.5840, 12.4240 |

Conversions

Conversions Part 2

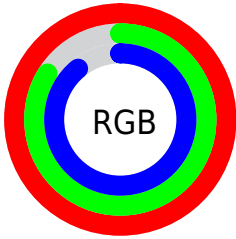
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 214, 226 |
| Decimal | 16766690 |
| CIE Lab | 89.32, 16.17, -0.55 |
| CIE LCh | 89, 16.182, 358.057 |
| Yxy | 74.8441, 0.3347, 0.3170 |
| Android (android.graphics.Color) | 4294956770 (0xFFFFD6E2) |
| YUV | 227.6270, -0.8021, 24.0061 |
| Hunter-Lab | 86.5125, 11.6316, 4.2013 |

Details

The XYZ color **79.0140, 74.8441, 82.2334** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.6717, 92.2884, 98.4119**, and the grayscale version is **73.4670, 77.2931, 84.1721**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0375, 39.7423, 43.9308** is the 20% darker color. If you saturate the color by 10%, you get **70.7122, 61.9953, 67.8901**, and if you desaturate by 10%, it is **88.5900, 89.8238, 98.2882**.

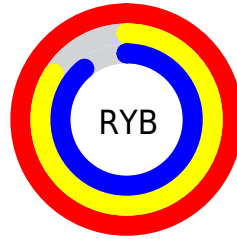
Distribution



Red (100%)

Green (84%)

Blue (89%)



Red (100%)

Yellow (84%)

Blue (89%)

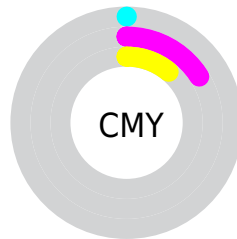


Cyan (0%)

Magenta (16%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.0140, 74.8441, 82.2334 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 79.0140, 74.8441, 82.2334 by changing the saturation by 10% instead.


 79.0140, 74.8441,
82.2334

 79.0140, 74.8441,
82.2334


480.3910,
477.3816, 522.3320

 59.2130, 55.4852,
61.0210


130.9364,
126.0917, 138.3409

 43.0316, 39.7903,
43.8115


163.7885,
158.7491, 174.0730

 30.1046, 27.3751,
30.1862


201.7217,
196.6081, 215.4822

 20.0664, 17.8551,
19.7267

245.1012,
240.0532, 262.9869

 12.5519, 10.8460,
12.0144

294.2926,
289.4687, 317.0057

 7.1956, 5.9634,
6.6309

349.6611,

 3.6321, 2.8228,

345.2390, 377.9571

3.1574

411.5721,
407.7485, 446.2597

■ 1.4962, 1.0400,
1.1756

■ 0.3232, 0.0000,
0.0000

■ 79.0140, 74.8441,
82.2334

■ 79.0140, 74.8441,
82.2334

■ 70.7122, 61.9953,
67.8901

■ 88.5900, 89.8238,
98.2882

■ 63.6243, 51.1709,
55.1958

95.0500, 100.0000,
108.9000

■ 57.6933, 42.2697,
44.0907

■ 52.8549, 35.1777,
34.5098

■ 49.0388, 29.7688,
26.3831

■ 46.1655, 25.9007,
19.6346

■ 44.1434, 23.4070,
14.1804

■ 42.8600, 22.0818,
9.9252

■ 42.4969, 21.7628,
8.5489

Harmonies

Analogous

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



77.7896, 74.8441, 93.5712



79.0140, 74.8441, 82.2334



78.0637, 74.8441, 71.6687

Triad

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



79.0140, 74.8441, 82.2334



67.6187, 74.8441, 63.7387



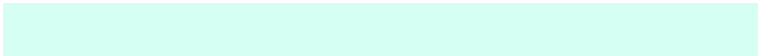
67.1877, 74.8441, 101.4133

Complementary

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



79.0140, 74.8441, 82.2334



79.6717, 92.2884, 98.4119

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.



64.6328, 74.8441, 92.1753



79.0140, 74.8441, 82.2334



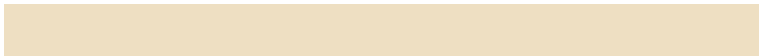
64.8751, 74.8441, 70.5007

Square

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



79.0140, 74.8441, 82.2334



71.3953, 74.8441, 61.6002



63.8019, 74.8441, 80.7561



70.8795, 74.8441, 105.2634

Rectangle

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



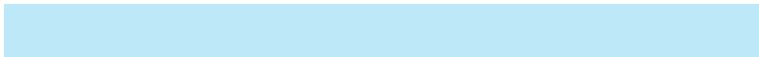
79.0140, 74.8441, 82.2334



76.3438, 74.8441, 66.3379



63.8019, 74.8441, 80.7561



66.1727, 74.8441, 98.7954

Sweetspot

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



79.0158, 74.8473, 82.2350



89.6982, 91.5658, 100.1197



78.9574, 74.3179, 104.7910



19.0438, 19.3547, 21.1732



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

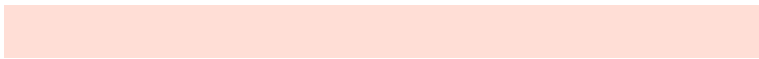
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.0158, 74.8473, 82.2350



76.4588, 70.8738, 77.8664



79.5541, 78.4668, 74.5750



18.2280, 18.0745, 19.8177



22.2617, 11.3940, 4.7625



2.2127, 1.1275, 0.7017

Inverse Universe

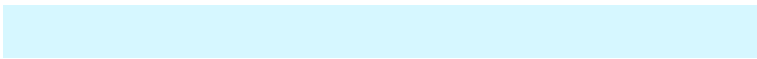
The Inverse Universe completely reimagines the original color for something new.



79.0158, 74.8473, 82.2350



76.4588, 70.8738, 77.8664



78.9833, 87.9171, 107.4146



18.2280, 18.0745, 19.8177



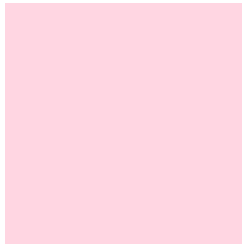
22.2617, 11.3940, 4.7625



2.2127, 1.1275, 0.7017

Previews

White Background



This preview shows how the XYZ color 79.0140, 74.8441, 82.2334 looks on a white background.

Color Contrast Check

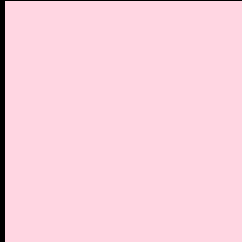
Large Text (above 18pt) WCAG AA × Fail

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 79.0140, 74.8441, 82.2334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

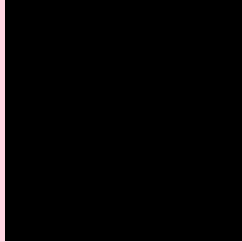
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.0140, 74.8441, 82.2334

Background



This preview shows how black text looks on a background with the XYZ color 79.0140, 74.8441, 82.2334.

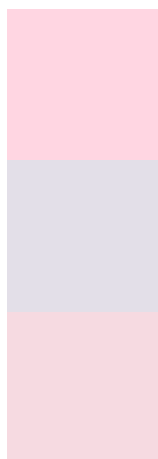


This preview shows how white text looks on a background with the XYZ color 79.0140, 74.8441,

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

79.0140, 74.8441, 82.2334

Protanopia

72.6317, 74.9324, 86.9792

Deuteranopia

76.6680, 75.1719, 81.7029



Tritanopia

79.5695, 75.0663, 85.1584

Trichromacy



Original Color

79.0140, 74.8441, 82.2334

Protanomaly

74.8012, 74.9041, 85.3784

Deuteranomaly

77.4704, 75.2017, 81.6664

Tritanomaly

79.4294, 75.0103, 84.4208

Monochromacy



Original Color

79.0140, 74.8441, 82.2334

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.5127, 76.4985, 83.4588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0140, 74.8441, 82.2334 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(255, 214, 226) looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 226)  
}
```

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(255, 214, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 226) }
```

Border

The CSS property to change the border of an element to XYZ 79.0140, 74.8441, 82.2334 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(255, 214, 226) }
```


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

```
.border{ border-color:rgb(255, 214, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0140, 74.8441, 82.2334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 226) }
```

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

```
.background{ background-color: rgb(255,  
214, 226) }
```

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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