

Converting Colors

XYZ(76.8219, 74.1224, 80.7791)

Have a look what the booklet for
XYZ(76.8219, 74.1224, 80.7791)
contains.

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Color

**XYZ(76.8219, 74.1224,
80.7791)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D7E0
RGB	249, 215, 224
RGB Percent	98%, 84%, 88%
CMY	0.0235, 0.1568, 0.1216
CMYK	0.00, 0.14, 0.10, 0.02
HSL	344°, 74%, 91%
HSV	344°, 14%, 98%
XYZ	76.8219, 74.1224, 80.7791
YIQ	226.1920, 17.3750, 10.0070

Conversions

Conversions Part 2

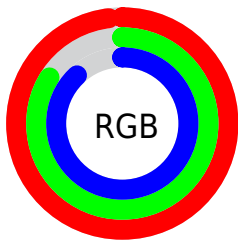
Format	Color
R _Y B	249, 215, 224
Decimal	16373728
CIE Lab	88.98, 13.25, -0.05
CIE LCh	89, 13.248, 359.766
Yxy	74.1224, 0.3315, 0.3199
Android (android.graphics.Color)	4294563808 (0xFFFF9D7E0)
YUV	226.1920, -1.0807, 20.0026
Hunter-Lab	86.0944, 8.6102, 4.6365

Details

The XYZ color **76.8219, 74.1224, 80.7791** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.6311, 88.4916, 95.4314**, and the grayscale version is **72.4281, 76.2000, 82.9818**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4705, 39.2127, 42.9192** is the 20% darker color. If you saturate the color by 10%, you get **68.6067, 61.4539, 66.4413**, and if you desaturate by 10%, it is **86.2738, 88.8344, 96.8504**.

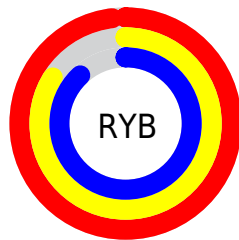
Distribution



Red (98%)

Green (84%)

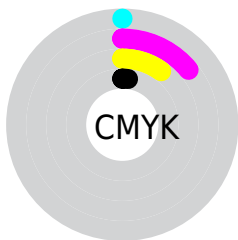
Blue (88%)



Red (98%)

Yellow (84%)

Blue (88%)

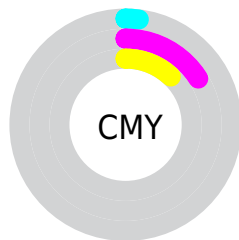


Cyan (0%)

Magenta (14%)

Yellow (10%)

Black (2%)



Cyan (2%)


Magenta (16%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.8219, 74.1224, 80.7791 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 76.8219, 74.1224, 80.7791 by changing the saturation by 10% instead.


 76.8219, 74.1224,
80.7791

 76.8219, 74.1224,
80.7791


473.0578,
474.8957, 517.3304

 57.4061, 54.8942,
59.8298


127.8622,
125.0693, 136.2818

 41.5728, 39.3170,
42.8570


160.2175,
157.5568, 171.6723

 28.9566, 27.0065,
29.4424


197.6166,
195.2329, 212.7135

 19.1921, 17.5781,
19.1673

240.4250,
238.4820, 259.8241

 11.9140, 10.6475,
11.6132

289.0079,
287.6884, 313.4225

 6.7569, 5.8303,
6.3615

343.7308,

 3.3555, 2.7422,

343.2365, 373.9274

2.9938

404.9590,
405.5108, 441.7572

■ 1.3444, 0.9987,
1.0915

■ 0.2161, 0.0000,
0.0000

■ 76.8219, 74.1224,
80.7791

■ 76.8219, 74.1224,
80.7791

■ 68.6067, 61.4539,
66.4413

■ 86.2738, 88.8344,
96.8504

■ 61.5699, 50.7286,
53.7733

■ 92.8773, 98.8799,
108.7983

■ 55.6579, 41.8526,
42.7144

■ 50.8106, 34.7205,
33.1984

■ 46.9617, 29.2160,
25.1541

■ 44.0375, 25.2084,
18.5044

■ 41.9533, 22.5468,
13.1645

■ 40.6074, 21.0479,
9.0387

■ 40.0474, 20.5320,
6.9895

Harmonies

Analogous

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



75.9337, 74.1224, 89.9631



76.8219, 74.1224, 80.7791



75.9603, 74.1224, 72.2244

Triad

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



76.8219, 74.1224, 80.7791



67.4235, 74.1224, 66.2799



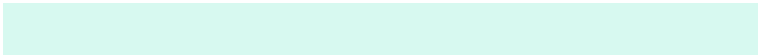
67.3810, 74.1224, 97.0065

Complementary

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



76.8219, 74.1224, 80.7791



77.6311, 88.4916, 95.4314

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.



65.2150, 74.1224, 89.8284



76.8219, 74.1224, 80.7791



65.2390, 74.1224, 72.1081

Square

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



76.8219, 74.1224, 80.7791



70.4764, 74.1224, 64.2506



64.4427, 74.1224, 80.6343



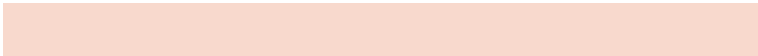
70.4258, 74.1224, 99.7570

Rectangle

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



76.8219, 74.1224, 80.7791



74.5240, 74.1224, 67.9196



64.4427, 74.1224, 80.6343



66.5294, 74.1224, 95.0057

Sweetspot

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



76.8240, 74.1257, 80.7807



90.6976, 93.1901, 101.6072



77.3143, 73.9575, 99.8238



19.2430, 19.6810, 21.4618



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

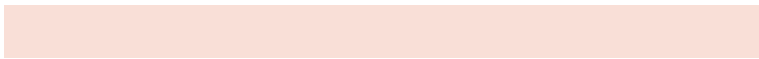
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.8240, 74.1257, 80.7807



78.9273, 74.8905, 81.5269



77.7049, 77.7888, 75.2131



17.4332, 17.3006, 18.8708



21.4862, 11.0102, 4.0027



2.0318, 1.0365, 0.5908

Inverse Universe

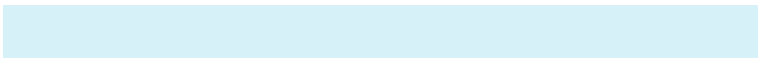
The Inverse Universe completely reimagines the original color for something new.



76.8240, 74.1257, 80.7807



78.9273, 74.8905, 81.5269



76.6008, 84.2390, 101.8459



17.4332, 17.3006, 18.8708



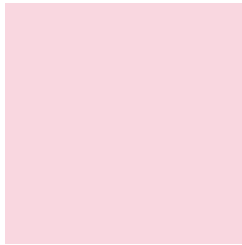
21.4862, 11.0102, 4.0027



2.0318, 1.0365, 0.5908

Previews

White Background



This preview shows how the XYZ color 76.8219, 74.1224, 80.7791 looks on a white background.

Color Contrast Check

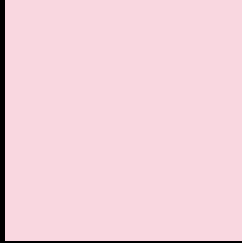
Large Text (above 18pt) WCAG AA × Fail

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 76.8219, 74.1224, 80.7791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

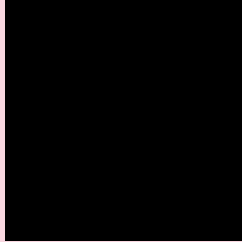
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.8219, 74.1224, 80.7791

Background



This preview shows how black text looks on a background with the XYZ color 76.8219, 74.1224, 80.7791.



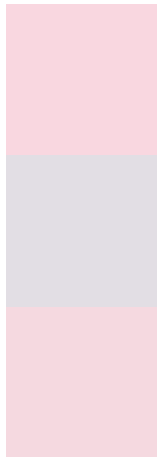
This preview shows how white text looks on a background with the XYZ color 76.8219, 74.1224,

80.7791.

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

76.8219, 74.1224, 80.7791

Protanopia

71.4889, 74.0127, 83.9168

Deuteranopia

75.9236, 74.4200, 80.8839



Tritanopia

77.8947, 74.1866, 85.8153

Trichromacy



Original Color

76.8219, 74.1224, 80.7791

Protanomaly

73.1283, 73.7015, 83.0446

Deuteranomaly

76.0164, 74.0864, 80.8146

Tritanomaly

77.4745, 74.0186, 83.6025

Monochromacy



Original Color

76.8219, 74.1224, 80.7791

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.6436, 75.1712, 81.8622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.8219, 74.1224, 80.7791 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, 215, 224) looks like.

```
.text, #text, p{  
    color:rgb(249, 215, 224)  
}
```

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, 215, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 215, 224) }
```

Border

The CSS property to change the border of an element to XYZ 76.8219, 74.1224, 80.7791 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, 215, 224) }
```


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

```
.border{ border-color:rgb(249, 215, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 215, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 215, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 215, 224);  
box-shadow:4px 4px 4px 4px rgb(249, 215,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 76.8219, 74.1224, 80.7791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 215, 224) }
```

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

```
.background{ background-color: rgb(249,  
215, 224) }
```

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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