

Converting Colors

XYZ(76.9386, 74.4009, 78.5875)

Have a look what the booklet for
XYZ(76.9386, 74.4009, 78.5875)
contains.

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Color

**XYZ(76.7759, 74.1453,
78.6716)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD7DD
RGB	250, 215, 221
RGB Percent	98%, 84%, 87%
CMY	0.0196, 0.1568, 0.1333
CMYK	0.00, 0.14, 0.12, 0.02
HSL	350°, 78%, 91%
HSV	350°, 14%, 98%
XYZ	76.7759, 74.1453, 78.6716
YIQ	226.1490, 18.9340, 9.2860

Conversions

Conversions Part 2

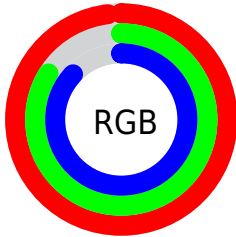
Format	Color
R _Y B	250, 215, 221
Decimal	16439261
CIE Lab	88.99, 13.11, 1.55
CIE LCh	89, 13.200, 6.756
Yxy	74.1453, 0.3344, 0.3229
Android (android.graphics.Color)	4294629341 (0xFFFAD7DD)
YUV	226.1490, -2.5385, 20.9173
Hunter-Lab	86.1077, 8.4670, 6.1055

Details

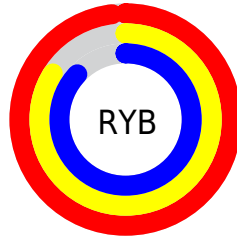
The XYZ color **76.7759, 74.1453, 78.6716** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.5419, 89.3518, 98.6992**, and the grayscale version is **72.4064, 76.1772, 82.9569**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4461, 39.2322, 41.4645** is the 20% darker color. If you saturate the color by 10%, you get **68.2980, 61.3371, 63.0577**, and if you desaturate by 10%, it is **86.5713, 89.0418, 96.4068**.

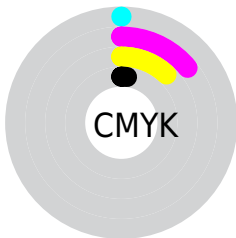
Distribution



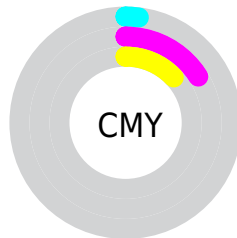
- Red (98%)
- Green (84%)
- Blue (87%)



- Red (98%)
- Yellow (84%)
- Blue (87%)



- Cyan (0%)
- Magenta (14%)
- Yellow (12%)
- Black (2%)





- Cyan (2%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.7759, 74.1453, 78.6716 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 76.7759, 74.1453, 78.6716 by changing the saturation by 10% instead.


 76.7759, 74.1453,
78.6716

 76.7759, 74.1453,
78.6716


472.9033,
474.9747, 510.0329

 57.3682, 54.9130,
58.1061


127.7976,
125.1018, 133.2909

 41.5423, 39.3320,
41.4787


160.1424,
157.5947, 168.1818

 28.9326, 27.0181,
28.3708


197.5303,
195.2766, 208.6850

 19.1738, 17.5868,
18.3639

240.3266,
238.5319, 255.2189

 11.9007, 10.6538,
11.0394

288.8967,
287.7449, 308.2021

 6.7478, 5.8345,
5.9789

343.6059,

 3.3498, 2.7447,

343.3002, 368.0531

2.7636

404.8197,
405.5819, 435.1905

■ 1.3413, 1.0000,
0.9753

■ 0.2138, 0.0000,
0.0000

■ 76.7759, 74.1453,
78.6716

■ 76.7759, 74.1453,
78.6716

■ 68.2980, 61.3371,
63.0577

■ 86.5713, 89.0418,
96.4068

■ 61.0751, 50.5142,
49.4807

■ 93.2347, 99.0642,
108.8150

■ 55.0487, 41.5800,
37.8575

■ 50.1532, 34.4258,
28.0971

■ 46.3168, 28.9316,
20.1017

■ 43.4590, 24.9629,
13.7639

■ 41.4876, 22.3637,
8.9644

■ 40.2916, 20.9444,
5.5671

■ 39.8577, 20.4974,
4.1250

Harmonies

Analogous

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



76.2923, 74.1453, 87.9039



76.7759, 74.1453, 78.6716



75.5300, 74.1453, 70.6175

Triad

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



76.7759, 74.1453, 78.6716



66.8467, 74.1453, 67.3924



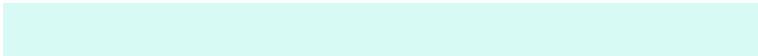
68.0671, 74.1453, 98.0708

Complementary

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



76.7759, 74.1453, 78.6716



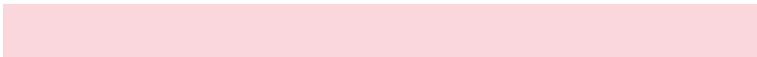
78.5419, 89.3518, 98.6992

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.



65.6467, 74.1453, 91.7682



76.7759, 74.1453, 78.6716



64.9572, 74.1453, 73.9605

Square

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



76.7759, 74.1453, 78.6716



69.7499, 74.1453, 64.4326



64.5246, 74.1453, 82.8273



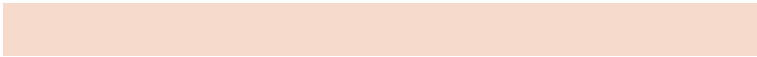
71.2009, 74.1453, 99.5708

Rectangle

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



76.7759, 74.1453, 78.6716



73.9078, 74.1453, 66.8433



64.5246, 74.1453, 82.8273



67.1460, 74.1453, 96.4216

Sweetspot

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



76.7780, 74.1486, 78.6732



90.5507, 93.1314, 100.8337



78.7219, 74.6650, 100.7060



19.2060, 19.6662, 21.2667



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

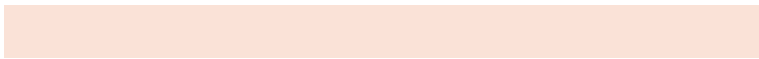
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.7780, 74.1486, 78.6732



77.4924, 73.2907, 77.1333



78.9114, 79.6712, 75.5130



17.3659, 17.2737, 18.5168



21.1771, 10.8866, 2.3753



1.9943, 1.0214, 0.3933

Inverse Universe

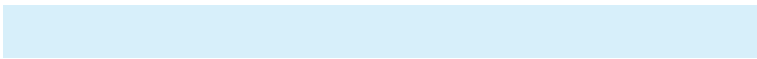
The Inverse Universe completely reimagines the original color for something new.



76.7780, 74.1486, 78.6732



77.4924, 73.2907, 77.1333



76.1244, 83.0359, 102.4586



17.3659, 17.2737, 18.5168



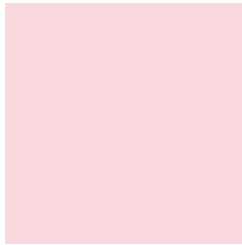
21.1771, 10.8866, 2.3753



1.9943, 1.0214, 0.3933

Previews

White Background



This preview shows how the XYZ color 76.7759, 74.1453, 78.6716 looks on a white background.

Color Contrast Check

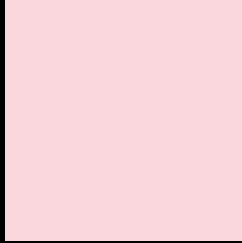
Large Text (above 18pt) WCAG AA × Fail

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 76.7759, 74.1453, 78.6716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

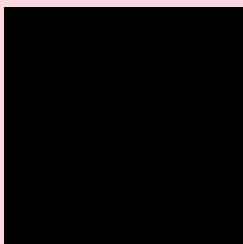
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.7759, 74.1453, 78.6716

Background



This preview shows how black text looks on a background with the XYZ color 76.7759, 74.1453, 78.6716.



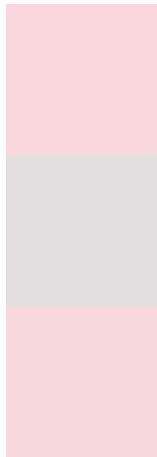
This preview shows how white text looks on a background with the XYZ color 76.7759, 74.1453,

78.6716.

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

76.7759, 74.1453, 78.6716

Protanopia

71.6568, 74.5425, 81.8456

Deuteranopia

75.6130, 73.9250, 78.6903



Tritanopia

78.1132, 74.3155, 85.0902

Trichromacy



Original Color

76.7759, 74.1453, 78.6716

Protanomaly

73.3087, 74.2304, 80.9851

Deuteranomaly

75.9648, 74.1063, 78.7068

Tritanomaly

77.6954, 74.1484, 82.8901

Monochromacy



Original Color

76.7759, 74.1453, 78.6716

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.8368, 75.2865, 81.1611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7759, 74.1453, 78.6716 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, 215, 221)` looks like.

```
.text, #text, p{  
    color:rgb(250, 215, 221)  
}
```

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, 215, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 215, 221) }
```

Border

The CSS property to change the border of an element to XYZ 76.7759, 74.1453, 78.6716 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, 215, 221) }
```


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

```
.border{ border-color:rgb(250, 215, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 215, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 215, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 215, 221);  
box-shadow:4px 4px 4px 4px rgb(250, 215,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7759, 74.1453, 78.6716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 215, 221) }
```

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

```
.background{ background-color: rgb(250,  
215, 221) }
```

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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