

Converting Colors

XYZ(76.3821, 72.7790, 80.3217)

Have a look what the booklet for
XYZ(76.3821, 72.7790, 80.3217)
contains.

XYZ(76.4224, 72.7928, 80.5435)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.4224, 72.7928,
80.5435)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD4E0
RGB	250, 212, 224
RGB Percent	98%, 83%, 88%
CMY	0.0196, 0.1686, 0.1216
CMYK	0.00, 0.15, 0.10, 0.02
HSL	341°, 79%, 91%
HSV	341°, 15%, 98%
XYZ	76.4224, 72.7928, 80.5435
YIQ	224.7300, 18.7960, 11.7880

Conversions

Conversions Part 2

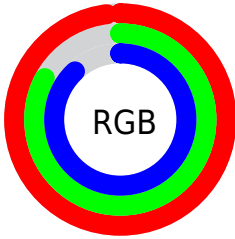
Format	Color
R _Y B	250, 212, 224
Decimal	16438496
CIE Lab	88.35, 15.16, -0.97
CIE LCh	88, 15.192, 356.352
Yxy	72.7928, 0.3326, 0.3168
Android (android.graphics.Color)	4294628576 (0xFFFAD4E0)
YUV	224.7300, -0.3599, 22.1618
Hunter-Lab	85.3187, 10.5798, 3.7515

Details

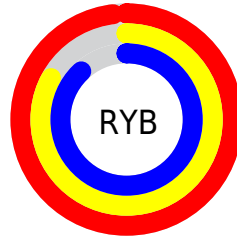
The XYZ color **76.4224, 72.7928, 80.5435** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.7725, 88.5432, 93.9375**, and the grayscale version is **71.3690, 75.0857, 81.7684**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2107, 38.3160, 42.7598** is the 20% darker color. If you saturate the color by 10%, you get **68.4459, 60.3671, 67.0081**, and if you desaturate by 10%, it is **85.6041, 87.2535, 95.6340**.

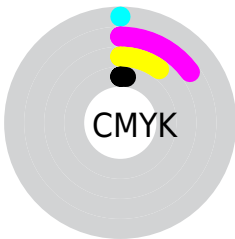
Distribution



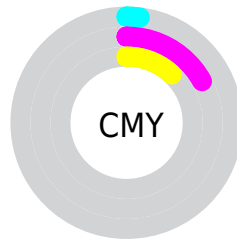
- Red (98%)
- Green (83%)
- Blue (88%)



- Red (98%)
- Yellow (83%)
- Blue (88%)



- Cyan (0%)
- Magenta (15%)
- Yellow (10%)
- Black (2%)





- Cyan (2%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4224, 72.7928, 80.5435 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 76.4224, 72.7928, 80.5435 by changing the saturation by 10% instead.


 76.4224, 72.7928,
80.5435

 76.4224, 72.7928,
80.5435


471.7146,
470.2964, 516.5176

 57.0772, 53.8066,
59.6369


127.3010,
123.1830, 135.9479

 41.3076, 38.4470,
42.7027


159.5651,
155.3558, 171.2828

 28.7483, 26.3298,
29.3222


196.8662,
192.6928, 212.2641

 19.0338, 17.0705,
19.0770

239.5697,
235.5786, 259.3106

 11.7988, 10.2848,
11.5486

288.0410,
284.3974, 312.8406

 6.6781, 5.5882,
6.3183

342.6453,

 3.3061, 2.5963,

339.5337, 373.2727

2.9677

403.7481,
401.3719, 441.0255

■ 1.3176, 0.9248,
1.0782

■ 0.1964, 0.0000,
0.0000

■ 76.4224, 72.7928,
80.5435

■ 76.4224, 72.7928,
80.5435

■ 68.4459, 60.3671,
67.0081

■ 85.6041, 87.2535,
95.6340

■ 61.6171, 49.8753,
54.9724

■ 93.2348, 99.0642,
108.8150

■ 55.8830, 41.2218,
44.3840

■ 51.1841, 34.2996,
35.1856

■ 47.4546, 28.9899,
27.3160

■ 44.6208, 25.1593,
20.7087

■ 42.5979, 22.6522,
15.2906

■ 41.2824, 21.2777,
10.9786

■ 40.8334, 20.8877,
9.2629

Harmonies

Analogous

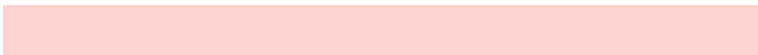
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1891, 72.7928, 90.9129



76.4224, 72.7928, 80.5435



75.6617, 72.7928, 70.6765

Triad

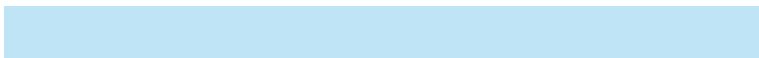
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.4224, 72.7928, 80.5435



66.1219, 72.7928, 62.5942



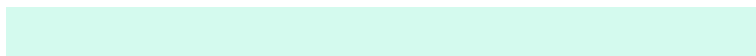
65.3750, 72.7928, 97.1756

Complementary

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



76.4224, 72.7928, 80.5435



76.7725, 88.5432, 93.9375

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.



63.0934, 72.7928, 88.5095



76.4224, 72.7928, 80.5435



63.5138, 72.7928, 68.6462

Square

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



76.4224, 72.7928, 80.5435



69.6344, 72.7928, 60.8626



62.4240, 72.7928, 77.9882



68.7422, 72.7928, 101.0325

Rectangle

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



76.4224, 72.7928, 80.5435



74.1401, 72.7928, 65.6002



62.4240, 72.7928, 77.9882



64.4603, 72.7928, 94.6932

Sweetspot

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



76.4245, 72.7960, 80.5450



89.7434, 91.5839, 100.3580



76.0501, 72.1640, 100.3642



19.0548, 19.3591, 21.2310



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.



76.4245, 72.7960, 80.5450



77.4641, 72.2697, 80.0972



76.6333, 75.7263, 72.8689



17.4704, 17.3155, 19.0666



21.7163, 11.1023, 5.2146



2.0571, 1.0466, 0.7242

Inverse Universe

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



76.4245, 72.7960, 80.5450



77.4641, 72.2697, 80.0972



76.4698, 85.0225, 102.8240



17.4704, 17.3155, 19.0666



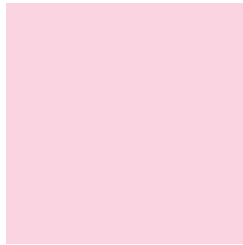
21.7163, 11.1023, 5.2146



2.0571, 1.0466, 0.7242

Previews

White Background



This preview shows how the XYZ color 76.4224, 72.7928, 80.5435 looks on a white background.

Color Contrast Check

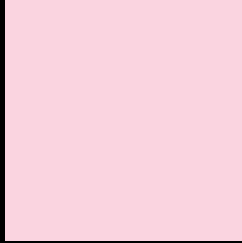
Large Text (above 18pt) WCAG AA × Fail

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 76.4224, 72.7928, 80.5435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

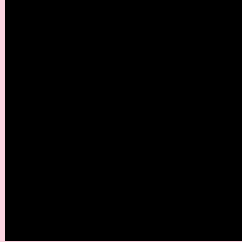
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.4224, 72.7928, 80.5435

Background



This preview shows how black text looks on a background with the XYZ color 76.4224, 72.7928, 80.5435.



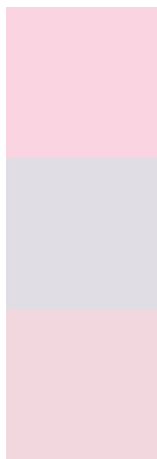
This preview shows how white text looks on a background with the XYZ color 76.4224, 72.7928,

80.5435.

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

76.4224, 72.7928, 80.5435

Protanopia

70.7398, 73.2173, 84.5327

Deuteranopia

74.2377, 72.8058, 79.9522



Tritanopia

77.0815, 72.6992, 83.3685

Trichromacy



Original Color

76.4224, 72.7928, 80.5435

Protanomaly

72.5408, 73.0125, 82.9426

Deuteranomaly

75.0220, 72.8333, 79.9162

Tritanomaly

76.9431, 72.6438, 82.6394

Monochromacy



Original Color

76.4224, 72.7928, 80.5435

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.1155, 74.1151, 81.6862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4224, 72.7928, 80.5435 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, 212, 224) looks like.

```
.text, #text, p{  
    color:rgb(250, 212, 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(250, 212, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 212, 224) }
```

Border

The CSS property to change the border of an element to XYZ 76.4224, 72.7928, 80.5435 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, 212, 224) }
```


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

```
.border{ border-color:rgb(250, 212, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 212, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 212, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 212, 224);  
box-shadow:4px 4px 4px 4px rgb(250, 212,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4224, 72.7928, 80.5435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 212, 224) }
```

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

```
.background{ background-color: rgb(250,  
212, 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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