

Converting Colors

XYZ(75.2080, 72.4775, 80.2048)

Have a look what the booklet for
XYZ(75.2080, 72.4775, 80.2048)
contains.

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Color

**XYZ(75.2548, 72.5631,
80.5607)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D5E0
RGB	246, 213, 224
RGB Percent	96%, 84%, 88%
CMY	0.0353, 0.1647, 0.1216
CMYK	0.00, 0.13, 0.09, 0.04
HSL	340°, 65%, 90%
HSV	340°, 13%, 96%
XYZ	75.2548, 72.5631, 80.5607
YIQ	224.1210, 16.1370, 10.4170

Conversions

Conversions Part 2

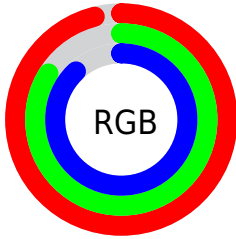
Format	Color
R _Y B	246, 213, 224
Decimal	16176608
CIE Lab	88.24, 13.25, -1.17
CIE LCh	88, 13.306, 354.960
Yxy	72.5631, 0.3295, 0.3177
Android (android.graphics.Color)	4294366688 (0xFFFF6D5E0)
YUV	224.1210, -0.0597, 19.1879
Hunter-Lab	85.1840, 8.6218, 3.5567

Details

The XYZ color **75.2548, 72.5631, 80.5607** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.3945, 86.0577, 91.2385**, and the grayscale version is **70.9320, 74.6260, 81.2677**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3746, 38.1371, 42.7693** is the 20% darker color. If you saturate the color by 10%, you get **67.4123, 60.2674, 67.4961**, and if you desaturate by 10%, it is **84.2545, 86.8281, 95.0716**.

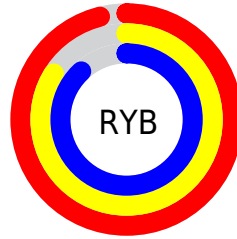
Distribution



Red (96%)

Green (84%)

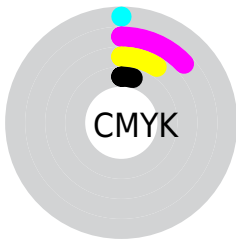
Blue (88%)



Red (96%)

Yellow (84%)

Blue (88%)

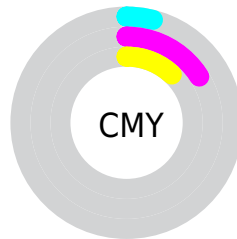


Cyan (0%)

Magenta (13%)

Yellow (9%)

Black (4%)



Cyan (4%)

Magenta (16%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2548, 72.5631, 80.5607 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 75.2548, 72.5631, 80.5607 by changing the saturation by 10% instead.

75.2548, 72.5631,
80.5607

75.2548, 72.5631,
80.5607

467.7766,
469.4992, 516.5769

56.1166, 53.6188,
59.6510

125.6590,
122.8568, 135.9723

40.5338, 38.2970,
42.7139

157.6556,
154.9749, 171.3112

28.1410, 26.2133,
29.3310

194.6691,
192.2532, 212.2970

18.5730, 16.9833,
19.0836

237.0648,
235.0759, 259.3481

11.4643, 10.2226,
11.5533

285.2080,
283.8274, 312.8831

6.4496, 5.5468,
6.3215

339.4641,

3.1636, 2.5715,

338.8922, 373.3205

2.9696

400.1985,
400.6547, 441.0790

■ 1.2409, 0.9124,
1.0791

■ 0.1383, 0.0000,
0.0000

■ 75.2548, 72.5631,
80.5607

■ 75.2548, 72.5631,
80.5607

■ 67.4123, 60.2674,
67.4961

■ 84.2545, 86.8281,
95.0716

■ 60.6728, 49.8447,
55.8272

■ 91.8164, 98.3330,
108.7487

■ 54.9866, 41.2049,
45.5072

■ 50.2977, 34.2468,
36.4846

■ 46.5448, 28.8589,
28.7047

■ 43.6595, 24.9161,
22.1079

■ 41.5630, 22.2736,
16.6293

■ 40.1610, 20.7562,
12.1955

■ 39.5286, 20.2019,
9.7945

Harmonies

Analogous

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



74.1087, 72.5631, 89.5190



75.2548, 72.5631, 80.5607



74.6749, 72.5631, 71.8325

Triad

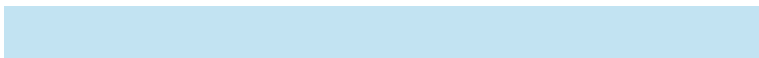
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2548, 72.5631, 80.5607



66.4155, 72.5631, 64.1429



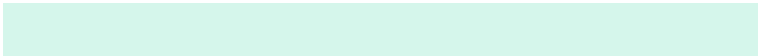
65.5104, 72.5631, 94.2657

Complementary

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



75.2548, 72.5631, 80.5607



75.3945, 86.0577, 91.2385

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.



63.5616, 72.5631, 86.6480



75.2548, 72.5631, 80.5607



64.0727, 72.5631, 69.3553

Square

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



75.2548, 72.5631, 80.5607



69.5088, 72.5631, 62.7853



63.0434, 72.5631, 77.4771



68.4321, 72.5631, 97.8110

Rectangle

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



75.2548, 72.5631, 80.5607



73.3965, 72.5631, 67.2460



63.0434, 72.5631, 77.4771



64.7234, 72.5631, 92.0692

Sweetspot

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



75.2569, 72.5663, 80.5622



90.8061, 93.2335, 102.1789



74.6922, 71.9079, 97.1326



19.2704, 19.6920, 21.6061



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.



75.2569, 72.5663, 80.5622



79.3126, 75.0446, 83.5556



75.2200, 74.8025, 73.4284



16.7269, 16.5736, 18.3084



21.1566, 10.8061, 5.5331



1.9052, 0.9680, 0.7272

Inverse Universe

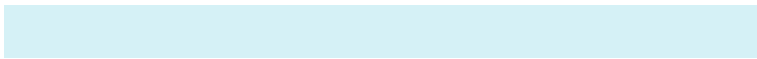
The Inverse Universe completely reimagines the original color for something new.



75.2569, 72.5663, 80.5622



79.3126, 75.0446, 83.5556



75.3850, 83.4170, 99.3176



16.7269, 16.5736, 18.3084



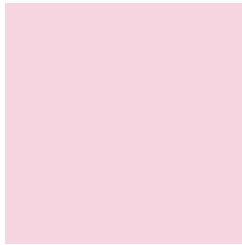
21.1566, 10.8061, 5.5331



1.9052, 0.9680, 0.7272

Previews

White Background



This preview shows how the XYZ color 75.2548, 72.5631, 80.5607 looks on a white background.

Color Contrast Check

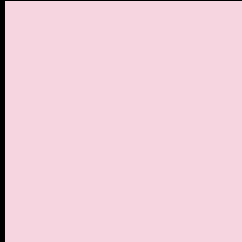
Large Text (above 18pt) WCAG AA × Fail

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 75.2548, 72.5631, 80.5607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

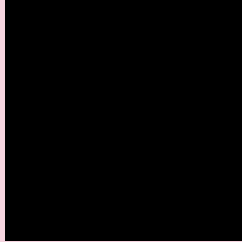
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.2548, 72.5631, 80.5607

Background



This preview shows how black text looks on a background with the XYZ color 75.2548, 72.5631, 80.5607.

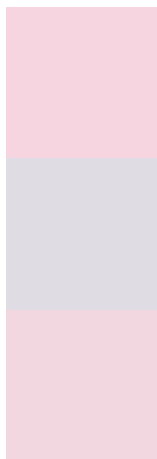


This preview shows how white text looks on a background with the XYZ color 75.2548, 72.5631,

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

75.2548, 72.5631, 80.5607

Protanopia

70.0282, 72.4758, 83.6971

Deuteranopia

74.3729, 72.8599, 80.6645



Tritanopia

76.0441, 72.5183, 84.1182

Trichromacy



Original Color

75.2548, 72.5631, 80.5607

Protanomaly

71.6330, 72.1607, 82.8260

Deuteranomaly

74.4633, 72.5296, 80.5960

Tritanomaly

75.7664, 72.4072, 82.6557

Monochromacy



Original Color

75.2548, 72.5631, 80.5607

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.3265, 73.7240, 80.9392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2548, 72.5631, 80.5607 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(246, 213, 224) looks like.

```
.text, #text, p{  
    color:rgb(246, 213, 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(246, 213, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 213, 224) }
```

Border

The CSS property to change the border of an element to XYZ 75.2548, 72.5631, 80.5607 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(246, 213, 224) }
```


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

```
.border{ border-color:rgb(246, 213, 224) }
```

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

Here you see how a box with a 4 pixel rgb(246, 213, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 213, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 213, 224);  
box-shadow:4px 4px 4px 4px rgb(246, 213,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2548, 72.5631, 80.5607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 213, 224) }
```

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

```
.background{ background-color: rgb(246,  
213, 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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