

Converting Colors

XYZ(76.4664, 73.9392, 80.7625)

Have a look what the booklet for
XYZ(76.4664, 73.9392, 80.7625)
contains.

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Color

**XYZ(76.4664, 73.9392,
80.7625)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F8D7E0 |
| RGB | 248, 215, 224 |
| RGB Percent | 97%, 84%, 88% |
| CMY | 0.0274, 0.1568, 0.1216 |
| CMYK | 0.00, 0.13, 0.10, 0.03 |
| HSL | 344°, 70%, 91% |
| HSV | 344°, 13%, 97% |
| XYZ | 76.4664, 73.9392, 80.7625 |
| YIQ | 225.8930, 16.7790, 9.7950 |

Conversions

Conversions Part 2

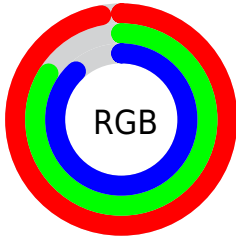
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 248, 215, 224 |
| Decimal | 16308192 |
| CIE Lab | 88.89, 12.90, -0.19 |
| CIE LCh | 89, 12.903, 359.152 |
| Yxy | 73.9392, 0.3308, 0.3199 |
| Android (android.graphics.Color) | 4294498272 (0xFFFF8D7E0) |
| YUV | 225.8930, -0.9332, 19.3878 |
| Hunter-Lab | 85.9879, 8.2557, 4.5045 |

Details

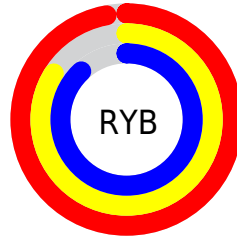
The XYZ color **76.4664, 73.9392, 80.7625** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.1746, 87.8158, 94.5483**, and the grayscale version is **72.2113, 75.9719, 82.7334**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2181, 39.0826, 42.9074** is the 20% darker color. If you saturate the color by 10%, you get **68.3059, 61.3272, 66.6060**, and if you desaturate by 10%, it is **85.8479, 88.5759, 96.6083**.

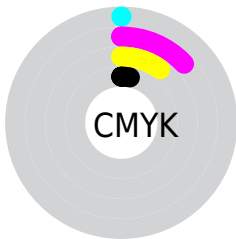
Distribution



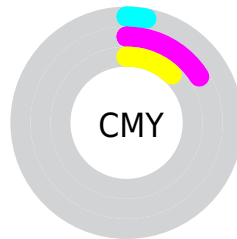
- Red (97%)
- Green (84%)
- Blue (88%)



- Red (97%)
- Yellow (84%)
- Blue (88%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (3%)




- Cyan (3%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.4664, 73.9392, 80.7625 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 76.4664, 73.9392, 80.7625 by changing the saturation by 10% instead.


 76.4664, 73.9392,
80.7625

 76.4664, 73.9392,
80.7625

471.8627,
474.2635, 517.2732

 57.1134, 54.7443,
59.8162


127.3628,
124.8096, 136.2583

 41.3368, 39.1970,
42.8461


159.6370,
157.2539, 171.6448

 28.7712, 26.9130,
29.4339


196.9489,
194.8834, 212.6819

 19.0512, 17.5079,
19.1609

239.6640,
238.0826, 259.7879

 11.8115, 10.5973,
11.6086

288.1475,
287.2358, 313.3815

 6.6867, 5.7967,
6.3585

342.7649,

 3.3116, 2.7219,

342.7274, 373.8813

2.9920

403.8815,
404.9418, 441.7056

■ 1.3206, 0.9883,
1.0905

■ 0.1985, 0.0000,
0.0000

■ 76.4664, 73.9392,
80.7625

■ 76.4664, 73.9392,
80.7625

■ 68.3059, 61.3272,
66.6060

■ 85.8479, 88.5759,
96.6083

■ 61.3091, 50.6411,
54.0773

■ 92.5218, 98.6967,
108.7817

■ 55.4234, 41.7882,
43.1180

■ 50.5897, 34.6646,
33.6644

■ 46.7430, 29.1556,
25.6479

■ 43.8110, 25.1327,
18.9945

■ 41.7107, 22.4475,
13.6229

■ 40.3427, 20.9200,
9.4414

■ 39.7434, 20.3693,
7.2441

Harmonies

Analogous

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



75.5702, 73.9392, 89.6701



76.4664, 73.9392, 80.7625



75.6637, 73.9392, 72.4016

Triad

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



76.4664, 73.9392, 80.7625



67.3866, 73.9392, 66.3766



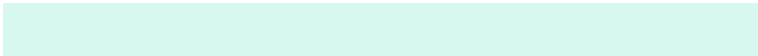
67.2368, 73.9392, 96.2257

Complementary

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



76.4664, 73.9392, 80.7625



77.1746, 87.8158, 94.5483

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.



65.1522, 73.9392, 89.1963



76.4664, 73.9392, 80.7625



65.2369, 73.9392, 71.9908

Square

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



76.4664, 73.9392, 80.7625



70.3661, 73.9392, 64.4774



64.4309, 73.9392, 80.2525



70.1880, 73.9392, 98.9953

Rectangle

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



76.4664, 73.9392, 80.7625



74.2862, 73.9392, 68.1633



64.4309, 73.9392, 80.2525



66.4147, 73.9392, 94.2581

Sweetspot

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



76.4685, 73.9425, 80.7641



90.7102, 93.1952, 101.6739



76.7248, 73.6716, 98.9840



19.2462, 19.6823, 21.4786



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

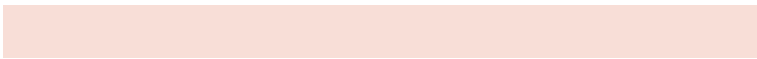
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.4685, 73.9425, 80.7641



78.9720, 74.9083, 81.7622



77.1407, 77.1881, 75.1270



17.4390, 17.3030, 18.9015



21.5193, 11.0235, 4.1773



2.0355, 1.0380, 0.6105

Inverse Universe

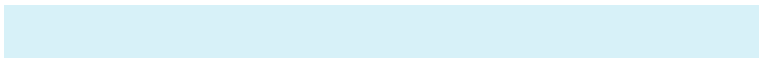
The Inverse Universe completely reimagines the original color for something new.



76.4685, 73.9425, 80.7641



78.9720, 74.9083, 81.7622



76.3811, 84.0484, 101.0051



17.4390, 17.3030, 18.9015



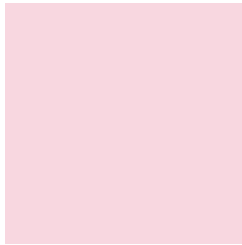
21.5193, 11.0235, 4.1773



2.0355, 1.0380, 0.6105

Previews

White Background



This preview shows how the XYZ color 76.4664, 73.9392, 80.7625 looks on a white background.

Color Contrast Check

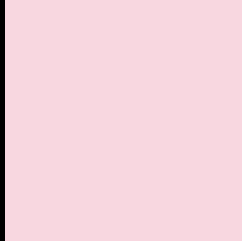
Large Text (above 18pt) WCAG AA × Fail

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 76.4664, 73.9392, 80.7625 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 76.4664, 73.9392, 80.7625

Background



This preview shows how black text looks on a background with the XYZ color 76.4664, 73.9392, 80.7625.



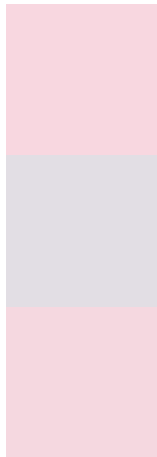
This preview shows how white text looks on a background with the XYZ color 76.4664, 73.9392,

80.7625.

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

76.4664, 73.9392, 80.7625

Protanopia

71.4889, 74.0127, 83.9168

Deuteranopia

75.6666, 73.9060, 80.7982



Tritanopia

77.5373, 74.0024, 85.7985

Trichromacy



Original Color

76.4664, 73.9392, 80.7625

Protanomaly

73.1283, 73.7015, 83.0446

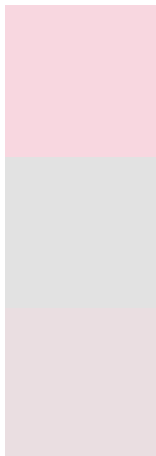
Deuteranomaly

76.0164, 74.0864, 80.8146

Tritanomaly

77.1171, 73.8343, 83.5857

Monochromacy



Original Color

76.4664, 73.9392, 80.7625

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 76.4664, 73.9392, 80.7625 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(248, 215, 224) looks like.

```
.text, #text, p{  
    color:rgb(248, 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(248, 215, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 215, 224) }
```

Border

The CSS property to change the border of an element to XYZ 76.4664, 73.9392, 80.7625 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(248, 215, 224) }
```


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

```
.border{ border-color:rgb(248, 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(248, 215, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 215, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 215, 224);  
box-shadow:4px 4px 4px 4px rgb(248, 215,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4664, 73.9392, 80.7625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 215, 224) }
```

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

```
.background{ background-color: rgb(248,  
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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