

Converting Colors

XYZ(75.6685, 74.5999, 80.7175)

Have a look what the booklet for
XYZ(75.6685, 74.5999, 80.7175)
contains.

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Color

**XYZ(75.8342, 74.7577,
80.9538)**

Conversions

Conversions Part 1

Format	Color
Hex	F4DAE0
RGB	244, 218, 224
RGB Percent	96%, 85%, 88%
CMY	0.0431, 0.1451, 0.1216
CMYK	0.00, 0.11, 0.08, 0.04
HSL	346°, 54%, 91%
HSV	346°, 11%, 96%
XYZ	75.8342, 74.7577, 80.9538
YIQ	226.4580, 13.5700, 7.3780

Conversions

Conversions Part 2

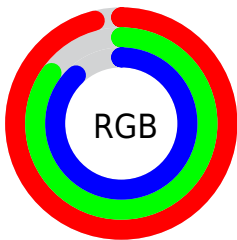
Format	Color
R _Y B	244, 218, 224
Decimal	16046816
CIE Lab	89.28, 9.95, 0.33
CIE LCh	89, 9.960, 1.905
Yxy	74.7577, 0.3275, 0.3229
Android (android.graphics.Color)	4294236896 (0xFFFF4DAE0)
YUV	226.4580, -1.2118, 15.3843
Hunter-Lab	86.4625, 5.2486, 5.0113

Details

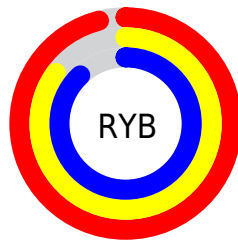
The XYZ color **75.8342, 74.7577, 80.9538** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.6996, 85.7818, 93.4082**, and the grayscale version is **72.6236, 76.4057, 83.2058**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9977, 39.7503, 43.0479** is the 20% darker color. If you saturate the color by 10%, you get **67.5599, 62.0604, 66.3208**, and if you desaturate by 10%, it is **85.3252, 89.4368, 97.3810**.

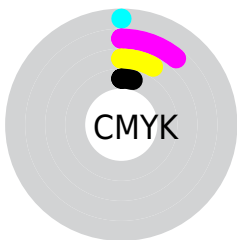
Distribution



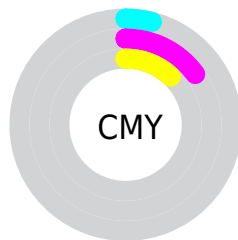
- Red (96%)
- Green (85%)
- Blue (88%)



- Red (96%)
- Yellow (85%)
- Blue (88%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (4%)





- Cyan (4%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.8342, 74.7577, 80.9538 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 75.8342, 74.7577, 80.9538 by changing the saturation by 10% instead.


 75.8342, 74.7577,
80.9538

 75.8342, 74.7577,
80.9538


469.7331,
477.0843, 517.9327

 56.5931, 55.4144,
59.9728

126.4741,
125.9693, 136.5294

 40.9175, 39.7336,
42.9715


158.6037,
158.6064, 171.9610

 28.4420, 27.3309,
29.5315


195.7601,
196.4436, 213.0466

 18.8013, 17.8219,
19.2343

238.3088,
239.8653, 260.2047

 11.6299, 10.8222,
11.6612

286.6151,
289.2558, 313.8538

 6.5626, 5.9474,
6.3937

341.0443,

 3.2340, 2.8131,

344.9995, 374.4125

3.0133

401.9619,
407.4809, 442.2993

■ 1.2787, 1.0350,
1.1014

■ 0.1672, 0.0000,
0.0000

■ 75.8342, 74.7577,
80.9538

■ 75.8342, 74.7577,
80.9538

■ 67.5599, 62.0604,
66.3208

■ 85.3252, 89.4368,
97.3810

■ 60.4465, 51.2504,
53.4159

■ 91.1187, 97.9733,
108.7160

■ 54.4429, 42.2401,
42.1756

■ 49.4918, 34.9311,
32.5309

■ 45.5307, 29.2155,
24.4078

■ 42.4901, 24.9730,
17.7261

■ 40.2913, 22.0659,
12.3978

■ 38.8413, 20.3304,
8.3244

■ 38.0293, 19.5216,
5.5408

Harmonies

Analogous

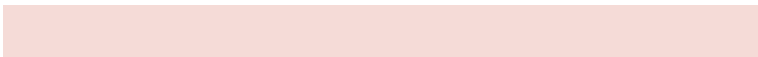
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.2626, 74.7577, 87.8729



75.8342, 74.7577, 80.9538



75.1011, 74.7577, 74.5203

Triad

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



75.8342, 74.7577, 80.9538



68.6109, 74.7577, 70.5454



68.8744, 74.7577, 93.7999

Complementary

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



75.8342, 74.7577, 80.9538



76.6996, 85.7818, 93.4082

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.



67.1568, 74.7577, 88.6873



75.8342, 74.7577, 80.9538



67.0071, 74.7577, 75.2501

Square

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



75.8342, 74.7577, 80.9538



70.8995, 74.7577, 68.7279



66.4808, 74.7577, 81.8447



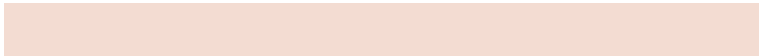
71.2106, 74.7577, 95.5377

Rectangle

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



75.8342, 74.7577, 80.9538



73.9807, 74.7577, 71.3024



66.4808, 74.7577, 81.8447



68.2074, 74.7577, 92.4051

Sweetspot

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



75.8363, 74.7610, 80.9554



91.7246, 94.8425, 103.1882



76.6405, 74.8435, 95.9958



19.4472, 20.0126, 21.7664



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

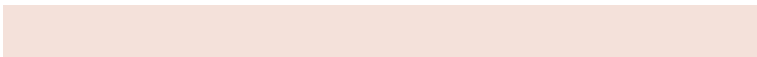
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.8363, 74.7610, 80.9554



81.5337, 79.1078, 85.4644



76.8727, 78.1124, 77.3592



16.6557, 16.5451, 17.9335



20.7210, 10.6318, 3.2393



1.8591, 0.9496, 0.4842

Inverse Universe

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



75.8363, 74.7610, 80.9554



81.5337, 79.1078, 85.4644



75.5487, 82.0465, 97.4437



16.6557, 16.5451, 17.9335



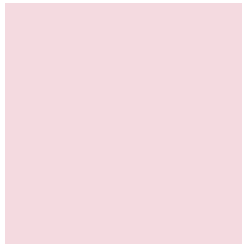
20.7210, 10.6318, 3.2393



1.8591, 0.9496, 0.4842

Previews

White Background



This preview shows how the XYZ color 75.8342, 74.7577, 80.9538 looks on a white background.

Color Contrast Check

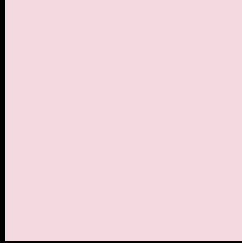
Large Text (above 18pt) WCAG AA × Fail

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 75.8342, 74.7577, 80.9538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

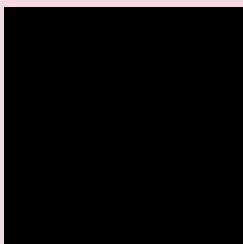
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.8342, 74.7577, 80.9538

Background



This preview shows how black text looks on a background with the XYZ color 75.8342, 74.7577, 80.9538.



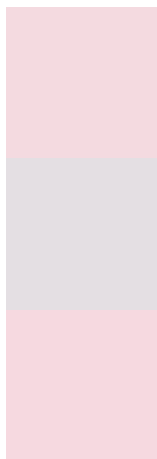
This preview shows how white text looks on a background with the XYZ color 75.8342, 74.7577,

80.9538.

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

75.8342, 74.7577, 80.9538

Protanopia

72.2477, 74.8154, 83.3060

Deuteranopia

76.2734, 74.6004, 80.9003



Tritanopia

77.1770, 74.9214, 87.4844

Trichromacy



Original Color

75.8342, 74.7577, 80.9538

Protanomaly

73.5156, 74.6963, 82.4946

Deuteranomaly

75.9236, 74.4200, 80.8839

Tritanomaly

76.7520, 74.7514, 85.2461

Monochromacy



Original Color

75.8342, 74.7577, 80.9538

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.5826, 75.5352, 81.9357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8342, 74.7577, 80.9538 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(244, 218, 224) looks like.

```
.text, #text, p{  
    color:rgb(244, 218, 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(244, 218, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 218, 224) }
```

Border

The CSS property to change the border of an element to XYZ 75.8342, 74.7577, 80.9538 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(244, 218, 224) }
```


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

```
.border{ border-color:rgb(244, 218, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 218, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 218, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 218, 224);  
box-shadow:4px 4px 4px 4px rgb(244, 218,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8342, 74.7577, 80.9538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 218, 224) }
```

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

```
.background{ background-color: rgb(244,  
218, 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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