

Converting Colors

XYZ(74.8969, 73.9320, 80.9556)

Have a look what the booklet for
XYZ(74.8969, 73.9320, 80.9556)
contains.

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Color

**XYZ(74.8853, 73.8848,
80.8353)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D9E0
RGB	242, 217, 224
RGB Percent	95%, 85%, 88%
CMY	0.0510, 0.1490, 0.1216
CMYK	0.00, 0.10, 0.07, 0.05
HSL	343°, 49%, 90%
HSV	343°, 10%, 95%
XYZ	74.8853, 73.8848, 80.8353
YIQ	225.2730, 12.6530, 7.4770

Conversions

Conversions Part 2

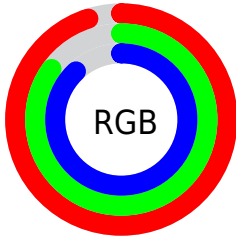
Format	Color
R_{YB}	242, 217, 224
Decimal	15915488
CIE _{Lab}	88.87, 9.78, -0.29
CIE _{LCh}	89, 9.789, 358.304
Yxy	73.8848, 0.3261, 0.3218
Android (android.graphics.Color)	4294105568 (0xFFFF2D9E0)
YUV	225.2730, -0.6276, 14.6696
Hunter-Lab	85.9563, 5.0861, 4.4117

Details

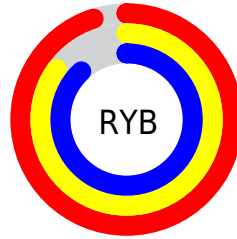
The XYZ color **74.8853, 73.8848, 80.8353** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.3656, 84.2559, 90.8921**, and the grayscale version is **71.7641, 75.5015, 82.2211**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3315, 39.1443, 42.9660** is the 20% darker color. If you saturate the color by 10%, you get **66.8558, 61.4157, 67.0898**, and if you desaturate by 10%, it is **84.0759, 88.2865, 96.1648**.

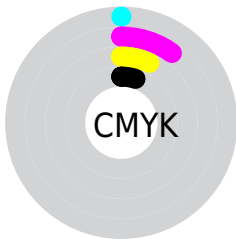
Distribution



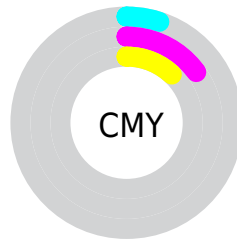
- Red (95%)
- Green (85%)
- Blue (88%)



- Red (95%)
- Yellow (85%)
- Blue (88%)



- Cyan (0%)
- Magenta (10%)
- Yellow (7%)
- Black (5%)





- Cyan (5%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8853, 73.8848, 80.8353 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 74.8853, 73.8848, 80.8353 by changing the saturation by 10% instead.


 74.8853, 73.8848,
80.8353

 74.8853, 73.8848,
80.8353


466.5265,
474.0757, 517.5242

 55.8128, 54.6998,
59.8758


125.1388,
124.7325, 136.3615

 40.2892, 39.1614,
42.8939


157.0504,
157.1639, 171.7652

 27.9493, 26.8853,
29.4711


193.9725,
194.7796, 212.8207

 18.4277, 17.4871,
19.1888

236.2703,
237.9640, 259.9466

 11.3591, 10.5824,
11.6286

284.3093,
287.1013, 313.5613

 6.3780, 5.7868,
6.3719

338.4547,

 3.1191, 2.7159,

342.5762, 374.0835

3.0001

399.0720,
404.7728, 441.9316

■ 1.2170, 0.9853,
1.0947

■ 0.1198, 0.0000,
0.0000

■ 74.8853, 73.8848,
80.8353

■ 74.8853, 73.8848,
80.8353

■ 66.8558, 61.4157,
67.0898

■ 84.0759, 88.2865,
96.1648

■ 59.9343, 50.7874,
54.8721

■ 90.4283, 97.6174,
108.6837

■ 54.0726, 41.9148,
44.1296

■ 49.2167, 34.7027,
34.8045

■ 45.3074, 29.0465,
26.8353

■ 42.2793, 24.8295,
20.1557

■ 40.0580, 21.9187,
14.6931

■ 38.5560, 20.1557,
10.3666

■ 37.6535, 19.2915,
7.1650

Harmonies

Analogous

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



74.1793, 73.8848, 87.5106



74.8853, 73.8848, 80.8353



74.3195, 73.8848, 74.4100

Triad

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



74.8853, 73.8848, 80.8353



68.0841, 73.8848, 69.4831



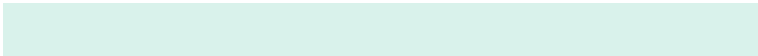
67.8552, 73.8848, 92.0860

Complementary

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



74.8853, 73.8848, 80.8353



75.3656, 84.2559, 90.8921

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.



66.2843, 73.8848, 86.8041



74.8853, 73.8848, 80.8353



66.4143, 73.8848, 73.7760

Square

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



74.8853, 73.8848, 80.8353



70.3604, 73.8848, 68.0809



65.7627, 73.8848, 80.0619



70.0904, 73.8848, 94.2287

Rectangle

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



74.8853, 73.8848, 80.8353



73.3041, 73.8848, 71.0803



65.7627, 73.8848, 80.0619



67.2339, 73.8848, 90.6046

Sweetspot

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



74.8874, 73.8880, 80.8369



91.7835, 94.8660, 103.4981



75.0757, 73.6880, 94.2714



19.4630, 20.0189, 21.8498



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

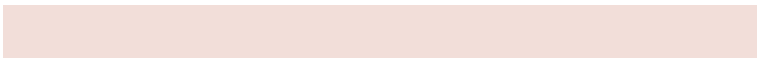
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8874, 73.8880, 80.8369



82.7062, 80.6677, 88.2754



75.3768, 76.3542, 76.4147



15.9546, 15.8316, 17.3172



20.2776, 10.3834, 4.1122



1.7278, 0.8802, 0.5574

Inverse Universe

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



74.8874, 73.8880, 80.8369



82.7062, 80.6677, 88.2754



74.8084, 81.4920, 95.7919



15.9546, 15.8316, 17.3172



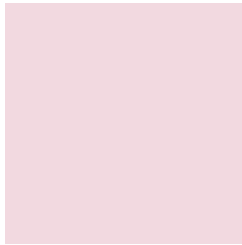
20.2776, 10.3834, 4.1122



1.7278, 0.8802, 0.5574

Previews

White Background



This preview shows how the XYZ color 74.8853, 73.8848, 80.8353 looks on a white background.

Color Contrast Check

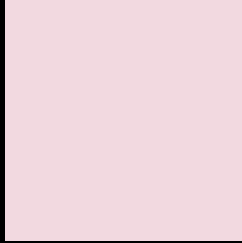
Large Text (above 18pt) WCAG AA × Fail

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 74.8853, 73.8848, 80.8353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

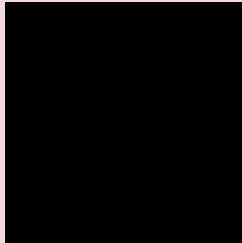
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.8853, 73.8848, 80.8353

Background



This preview shows how black text looks on a background with the XYZ color 74.8853, 73.8848, 80.8353.



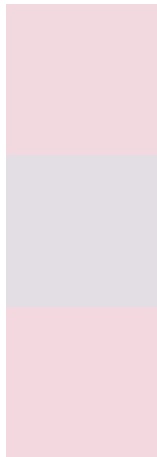
This preview shows how white text looks on a background with the XYZ color 74.8853, 73.8848,

80.8353.

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

74.8853, 73.8848, 80.8353

Protanopia

71.3504, 73.9574, 83.1877

Deuteranopia

75.3186, 73.7266, 80.7820



Tritanopia

76.2260, 74.0496, 87.3663

Trichromacy



Original Color

74.8853, 73.8848, 80.8353

Protanomaly

72.5994, 73.8332, 82.3763

Deuteranomaly

74.9726, 73.5482, 80.7658

Tritanomaly

75.8009, 73.8796, 85.1280

Monochromacy



Original Color

74.8853, 73.8848, 80.8353

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.6669, 74.6677, 81.8165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8853, 73.8848, 80.8353 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(242, 217, 224) looks like.

```
.text, #text, p{  
    color:rgb(242, 217, 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(242, 217, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 217, 224) }
```

Border

The CSS property to change the border of an element to XYZ 74.8853, 73.8848, 80.8353 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(242, 217, 224) }
```


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

```
.border{ border-color:rgb(242, 217, 224) }
```

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

Here you see how a box with a 4 pixel rgb(242, 217, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 217, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 217, 224);  
box-shadow:4px 4px 4px 4px rgb(242, 217,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8853, 73.8848, 80.8353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 217, 224) }
```

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

```
.background{ background-color: rgb(242,  
217, 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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