

Converting Colors

XYZ(74.5368, 73.6242, 78.8296)

Have a look what the booklet for
XYZ(74.5368, 73.6242, 78.8296)
contains.

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Color

**XYZ(74.4819, 73.7234,
78.7110)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D9DD
RGB	242, 217, 221
RGB Percent	95%, 85%, 87%
CMY	0.0510, 0.1490, 0.1333
CMYK	0.00, 0.10, 0.09, 0.05
HSL	350°, 49%, 90%
HSV	350°, 10%, 95%
XYZ	74.4819, 73.7234, 78.7110
YIQ	224.9310, 13.6160, 6.5440

Conversions

Conversions Part 2

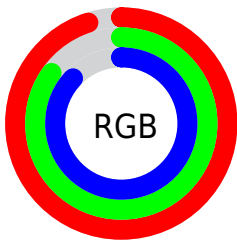
Format	Color
R_{YB}	242, 217, 221
Decimal	15915485
CIE _{Lab}	88.79, 9.28, 1.18
CIE _{LCh}	89, 9.358, 7.238
Yxy	73.7234, 0.3282, 0.3249
Android (android.graphics.Color)	4294105565 (0xFFFF2D9DD)
YUV	224.9310, -1.9380, 14.9695
Hunter-Lab	85.8623, 4.5820, 5.7518

Details

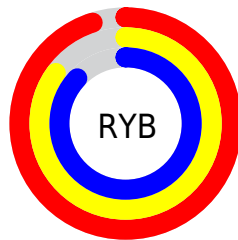
The XYZ color **74.4819, 73.7234, 78.7110** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.8028, 84.4308, 93.1945**, and the grayscale version is **71.5268, 75.2518, 81.9492**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0530, 39.0329, 41.4995** is the 20% darker color. If you saturate the color by 10%, you get **66.1491, 61.1330, 63.3684**, and if you desaturate by 10%, it is **84.0615, 88.2808, 96.0895**.

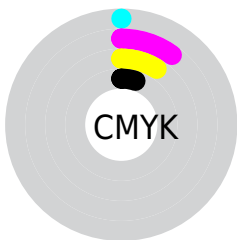
Distribution



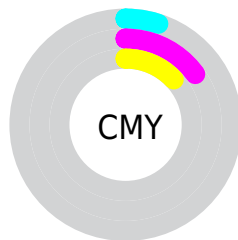
- Red (95%)
- Green (85%)
- Blue (87%)



- Red (95%)
- Yellow (85%)
- Blue (87%)



- Cyan (0%)
- Magenta (10%)
- Yellow (9%)
- Black (5%)



- Cyan (5%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4819, 73.7234, 78.7110 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 74.4819, 73.7234, 78.7110 by changing the saturation by 10% instead.

74.4819, 73.7234,
78.7110

74.4819, 73.7234,
78.7110

465.1596,
473.5182, 510.1699

55.4812, 54.5677,
58.1383

124.5705,
124.5036, 133.3469

40.0225, 39.0557,
41.5044

156.3892,
156.8969, 168.2472

27.7404, 26.8031,
28.3908

193.2113,
194.4715, 208.7604

18.2695, 17.4254,
18.3788

235.4020,
237.6119, 255.3052

11.2445, 10.5382,
11.0501

283.3269,
286.7023, 308.3000

6.3000, 5.7573,
5.9859

337.3512,

3.0708, 2.6980,

342.1272, 368.1633

2.7679

397.8403,
404.2711, 435.3138

■ 1.1913, 0.9762,
0.9774

■ 0.0995, 0.0000,
0.0000

■ 74.4819, 73.7234,
78.7110

■ 74.4819, 73.7234,
78.7110

■ 66.1491, 61.1330,
63.3684

■ 84.0615, 88.2808,
96.0895

■ 59.0057, 50.4159,
49.9823

■ 90.4283, 97.6174,
108.6837

■ 52.9988, 41.4853,
38.4750

■ 48.0692, 34.2437,
28.7618

■ 44.1521, 28.5843,
20.7515

■ 41.1758, 24.3881,
14.3446

■ 39.0588, 21.5190,
9.4313

■ 37.7054, 19.8155,
5.8872

■ 36.9793, 19.0218,
3.6148

Harmonies

Analogous

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



74.1652, 73.7234, 85.1956



74.4819, 73.7234, 78.7110



73.5968, 73.7234, 72.9585

Triad

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



74.4819, 73.7234, 78.7110



67.4693, 73.7234, 70.7457



68.4002, 73.7234, 92.3322

Complementary

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



74.4819, 73.7234, 78.7110



75.8028, 84.4308, 93.1945

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.



66.6614, 73.7234, 88.0592



74.4819, 73.7234, 78.7110



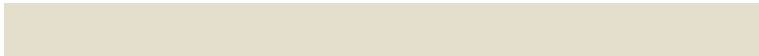
66.1320, 73.7234, 75.5423

Square

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



74.4819, 73.7234, 78.7110



69.5246, 73.7234, 68.5233



65.8395, 73.7234, 81.8540



70.6220, 73.7234, 93.2929

Rectangle

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



74.4819, 73.7234, 78.7110



72.4553, 73.7234, 70.2334



65.8395, 73.7234, 81.8540



67.7413, 73.7234, 91.2248

Sweetspot

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



74.4840, 73.7266, 78.7126



91.6402, 94.8087, 102.7436



76.0461, 74.1882, 94.3169



19.4245, 20.0035, 21.6469



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

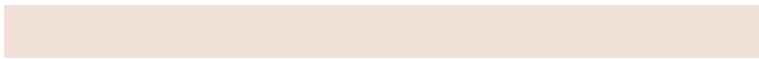
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.4840, 73.7266, 78.7126



82.1869, 80.4600, 85.5410



76.1600, 77.9206, 76.6757



15.8758, 15.8000, 16.9023



19.8976, 10.2315, 2.1114



1.6856, 0.8633, 0.3353

Inverse Universe

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



74.4840, 73.7266, 78.7126



82.1869, 80.4600, 85.5410



73.9729, 79.8209, 95.5134



15.8758, 15.8000, 16.9023



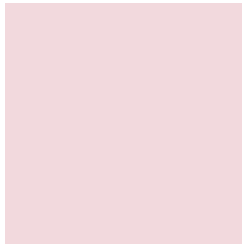
19.8976, 10.2315, 2.1114



1.6856, 0.8633, 0.3353

Previews

White Background



This preview shows how the XYZ color 74.4819, 73.7234, 78.7110 looks on a white background.

Color Contrast Check

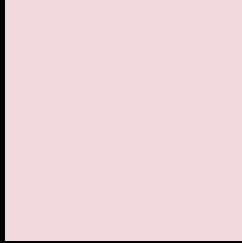
Large Text (above 18pt) WCAG AA × Fail

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 74.4819, 73.7234, 78.7110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

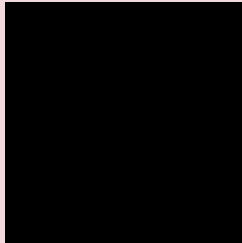
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.4819, 73.7234, 78.7110

Background



This preview shows how black text looks on a background with the XYZ color 74.4819, 73.7234, 78.7110.

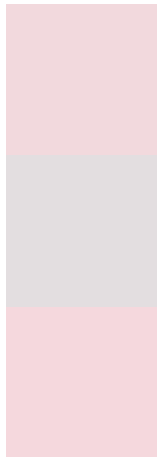


This preview shows how white text looks on a background with the XYZ color 74.4819, 73.7234,

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

74.4819, 73.7234, 78.7110

Protanopia

71.2544, 73.9553, 81.0403

Deuteranopia

75.2632, 73.7447, 78.6740



Tritanopia

76.1742, 73.6602, 86.5470

Trichromacy



Original Color

74.4819, 73.7234, 78.7110

Protanomaly

72.1912, 73.6699, 80.2269

Deuteranomaly

74.9152, 73.5653, 78.6577

Tritanomaly

75.5216, 73.7679, 83.6570

Monochromacy



Original Color

74.4819, 73.7234, 78.7110

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.5308, 74.6133, 81.1000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4819, 73.7234, 78.7110 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, 221) looks like.

```
.text, #text, p{  
    color:rgb(242, 217, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 217, 221) }
```

Border

The CSS property to change the border of an element to XYZ 74.4819, 73.7234, 78.7110 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, 221) }
```


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

```
.border{ border-color:rgb(242, 217, 221) }
```

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, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 217, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 217, 221);  
box-shadow:4px 4px 4px 4px rgb(242, 217,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4819, 73.7234, 78.7110 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, 221) }
```

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

```
.background{ background-color: rgb(242,  
217, 221) }
```

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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