

Converting Colors

XYZ(75.4763, 72.2681, 81.0756)

Have a look what the booklet for
XYZ(75.4763, 72.2681, 81.0756)
contains.

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Color

**XYZ(75.4919, 72.2974,
81.2101)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F7D4E1 |
| RGB | 247, 212, 225 |
| RGB Percent | 97%, 83%, 88% |
| CMY | 0.0314, 0.1686, 0.1176 |
| CMYK | 0.00, 0.14, 0.09, 0.03 |
| HSL | 338°, 69%, 90% |
| HSV | 338°, 14%, 97% |
| XYZ | 75.4919, 72.2974, 81.2101 |
| YIQ | 223.9470, 16.6870, 11.4630 |

Conversions

Conversions Part 2

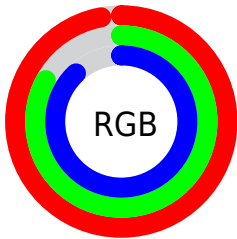
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 247, 212, 225 |
| Decimal | 16241889 |
| CIE Lab | 88.11, 14.29, -1.87 |
| CIE LCh | 88, 14.411, 352.531 |
| Yxy | 72.2974, 0.3297, 0.3157 |
| Android (android.graphics.Color) | 4294431969 (0xFFF7D4E1) |
| YUV | 223.9470, 0.5191, 20.2175 |
| Hunter-Lab | 85.0279, 9.6822, 2.8917 |

Details

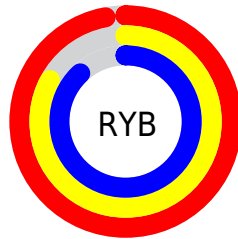
The XYZ color **75.4919, 72.2974, 81.2101** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.2663, 86.4610, 90.5679**, and the grayscale version is **70.8035, 74.4908, 81.1205**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5479, 37.9634, 43.2208** is the 20% darker color. If you saturate the color by 10%, you get **67.7608, 60.0718, 68.6532**, and if you desaturate by 10%, it is **84.3642, 86.4954, 95.0996**.

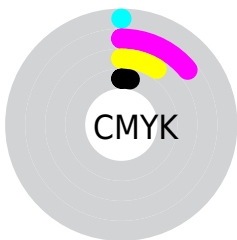
Distribution



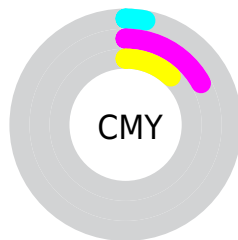
- Red (97%)
- Green (83%)
- Blue (88%)



- Red (97%)
- Yellow (83%)
- Blue (88%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (3%)





- Cyan (3%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.4919, 72.2974, 81.2101 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 75.4919, 72.2974, 81.2101 by changing the saturation by 10% instead.


 75.4919, 72.2974,
81.2101

 75.4919, 72.2974,
81.2101


468.5778,
468.5761, 518.8156

 56.3116, 53.4017,
60.1826

125.9926,
122.4793, 136.8925

 40.6908, 38.1235,
43.1396


158.0437,
154.5342, 172.3844

 28.2641, 26.0786,
29.6625


195.1157,
191.7442, 213.5350

 18.6663, 16.8824,
19.3326

237.5741,
234.4939, 260.7627

 11.5320, 10.1507,
11.7316

285.7841,
283.1675, 314.4861

 6.4958, 5.4990,
6.4409

340.1112,

 3.1923, 2.5429,

338.1495, 375.1236

3.0419

400.9206,
399.8242, 443.0940

■ 1.2563, 0.8981,
1.1161

■ 0.1501, 0.0000,
0.0000

■ 75.4919, 72.2974,
81.2101

■ 75.4919, 72.2974,
81.2101

■ 67.7608, 60.0718,
68.6532

■ 84.3642, 86.4954,
95.0996

■ 61.1170, 49.7215,
57.3832

■ 92.1682, 98.5144,
108.7651

■ 55.5111, 41.1554,
47.3581

■ 50.8873, 34.2709,
38.5319

■ 47.1845, 28.9551,
30.8553

■ 44.3342, 25.0807,
24.2751

■ 42.2575, 22.5004,
18.7327

■ 40.8589, 21.0347,
14.1620

■ 40.2779, 20.5423,
11.9043

Harmonies

Analogous

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



74.1060, 72.2974, 90.8262



75.4919, 72.2974, 81.2101



75.0147, 72.2974, 71.6757

Triad

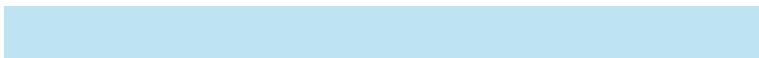
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4919, 72.2974, 81.2101



66.2108, 72.2974, 62.4732



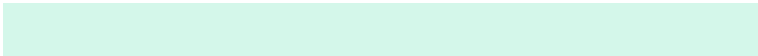
64.7673, 72.2974, 94.7471

Complementary

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



75.4919, 72.2974, 81.2101



75.2663, 86.4610, 90.5679

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.



62.7811, 72.2974, 86.2105



75.4919, 72.2974, 81.2101



63.5949, 72.2974, 67.7396

Square

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



75.4919, 72.2974, 81.2101



69.5807, 72.2974, 61.3771



62.3591, 72.2974, 76.2805



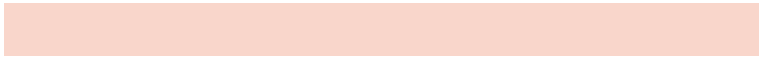
67.8595, 72.2974, 99.0550

Rectangle

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



75.4919, 72.2974, 81.2101



73.7115, 72.2974, 66.5858



62.3591, 72.2974, 76.2805



63.9524, 72.2974, 92.2445

Sweetspot

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



75.4940, 72.3006, 81.2116



90.8666, 93.2577, 102.4972



74.1297, 71.2279, 97.8380



19.2857, 19.6981, 21.6865



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

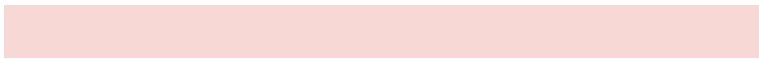
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4940, 72.3006, 81.2116



78.6647, 73.7596, 83.3065



74.8212, 73.6853, 72.5704



16.7536, 16.5843, 18.4490



21.3643, 10.8892, 6.6267



1.9257, 0.9762, 0.8349

Inverse Universe

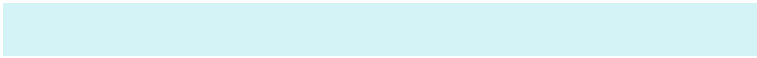
The Inverse Universe completely reimagines the original color for something new.



75.4940, 72.3006, 81.2116



78.6647, 73.7596, 83.3065



75.9679, 84.7658, 100.3542



16.7536, 16.5843, 18.4490



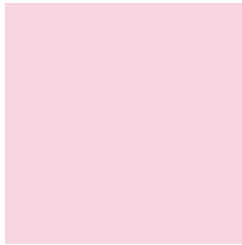
21.3643, 10.8892, 6.6267



1.9257, 0.9762, 0.8349

Previews

White Background



This preview shows how the XYZ color 75.4919, 72.2974, 81.2101 looks on a white background.

Color Contrast Check

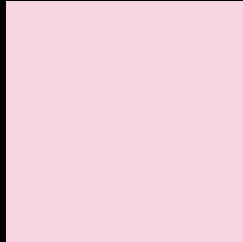
Large Text (above 18pt) WCAG AA × Fail

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 75.4919, 72.2974, 81.2101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

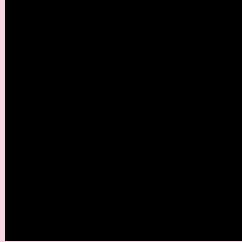
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.4919, 72.2974, 81.2101

Background



This preview shows how black text looks on a background with the XYZ color 75.4919, 72.2974, 81.2101.

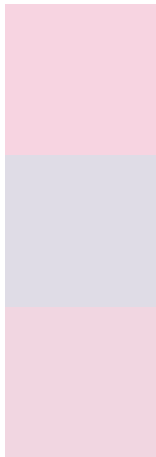


This preview shows how white text looks on a background with the XYZ color 75.4919, 72.2974,

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

75.4919, 72.2974, 81.2101

Protanopia

70.3076, 72.5875, 85.1681

Deuteranopia

73.9128, 72.2301, 81.2804



Tritanopia

75.9048, 72.4626, 83.3848

Trichromacy



Original Color

75.4919, 72.2974, 81.2101

Protanomaly

72.0952, 72.3829, 83.5703

Deuteranomaly

74.3470, 72.0794, 81.2284

Tritanomaly

75.7664, 72.4072, 82.6557

Monochromacy



Original Color

75.4919, 72.2974, 81.2101

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 75.4919, 72.2974, 81.2101 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(247, 212, 225)` looks like.

```
.text, #text, p{  
    color:rgb(247, 212, 225)  
}
```

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(247, 212, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 212, 225) }
```

Border

The CSS property to change the border of an element to XYZ 75.4919, 72.2974, 81.2101 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(247, 212, 225) }
```


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

```
.border{ border-color:rgb(247, 212, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 212, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 212, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 212, 225);  
box-shadow:4px 4px 4px 4px rgb(247, 212,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4919, 72.2974, 81.2101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 212, 225) }
```

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

```
.background{ background-color: rgb(247,  
212, 225) }
```

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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