

Converting Colors

XYZ(74.9249, 71.9486, 78.0170)

Have a look what the booklet for
XYZ(74.9249, 71.9486, 78.0170)
contains.

XYZ(74.9524, 72.0816, 78.3693)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.9524, 72.0816,
78.3693)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D4DD
RGB	247, 212, 221
RGB Percent	97%, 83%, 87%
CMY	0.0314, 0.1686, 0.1333
CMYK	0.00, 0.14, 0.11, 0.03
HSL	345°, 69%, 90%
HSV	345°, 14%, 97%
XYZ	74.9524, 72.0816, 78.3693
YIQ	223.4910, 17.9710, 10.2190

Conversions

Conversions Part 2

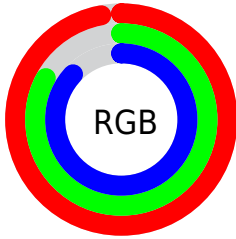
Format	Color
R_{YB}	247, 212, 221
Decimal	16241885
CIE _{Lab}	88.01, 13.63, 0.09
CIE _{LCh}	88, 13.631, 0.369
Yxy	72.0816, 0.3325, 0.3198
Android (android.graphics.Color)	4294431965 (0xFFF7D4DD)
YUV	223.4910, -1.2281, 20.6174
Hunter-Lab	84.9009, 9.0072, 4.7019

Details

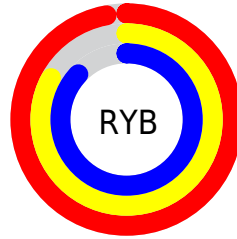
The XYZ color **74.9524, 72.0816, 78.3693** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.8476, 86.6935, 93.6291**, and the grayscale version is **70.4897, 74.1606, 80.7609**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1751, 37.8143, 41.2578** is the 20% darker color. If you saturate the color by 10%, you get **66.9313, 59.7400, 64.2851**, and if you desaturate by 10%, it is **84.1894, 86.4255, 94.1791**.

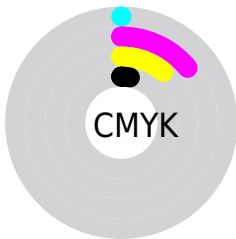
Distribution



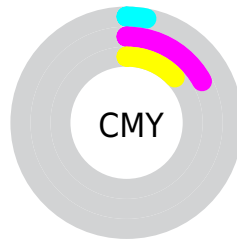
- Red (97%)
- Green (83%)
- Blue (87%)



- Red (97%)
- Yellow (83%)
- Blue (87%)



- Cyan (0%)
- Magenta (14%)
- Yellow (11%)
- Black (3%)




- Cyan (3%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.9524, 72.0816, 78.3693 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 74.9524, 72.0816, 78.3693 by changing the saturation by 10% instead.


 74.9524, 72.0816,
78.3693

 74.9524, 72.0816,
78.3693


466.7536,
467.8256, 508.9812

 55.8679, 53.2253,
57.8591


125.2332,
122.1725, 132.8612

 40.3336, 37.9827,
41.2815


157.1603,
154.1760, 167.6800

 27.9841, 25.9693,
28.2177


194.0990,
191.3307, 208.1055

 18.4541, 16.8006,
18.2494

236.4146,
234.0209, 254.5561

 11.3782, 10.0925,
10.9579

284.4726,
282.6311, 307.4505

 6.3909, 5.4603,
5.9247

338.6381,

 3.1271, 2.5198,

337.5457, 367.2071

2.7313

399.2767,
399.1491, 434.2445

■ 1.2213, 0.8865,
0.9591

■ 0.1231, 0.0000,
0.0000

■ 74.9524, 72.0816,
78.3693

■ 74.9524, 72.0816,
78.3693

■ 66.9313, 59.7400,
64.2851

■ 84.1894, 86.4255,
94.1791

■ 60.0686, 49.3022,
51.8625

■ 92.1681, 98.5143,
108.7651

■ 54.3113, 40.6755,
41.0403

■ 49.5997, 33.7559,
31.7516

■ 45.8684, 28.4286,
23.9247

■ 43.0441, 24.5646,
17.4816

■ 41.0428, 22.0146,
12.3366

■ 39.7633, 20.5965,
8.3926

■ 39.2691, 20.1388,
6.5924

Harmonies

Analogous

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



74.0882, 72.0816, 87.6698



74.9524, 72.0816, 78.3693



74.0458, 72.0816, 69.7795

Triad

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



74.9524, 72.0816, 78.3693



65.4003, 72.0816, 64.0337



65.4680, 72.0816, 95.0920

Complementary

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



74.9524, 72.0816, 78.3693



75.8476, 86.6935, 93.6291

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.



63.2599, 72.0816, 87.8851



74.9524, 72.0816, 78.3693



63.2217, 72.0816, 69.9644

Square

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



74.9524, 72.0816, 78.3693



68.4711, 72.0816, 61.9136



62.4504, 72.0816, 78.6000



68.5517, 72.0816, 97.7763

Rectangle

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



74.9524, 72.0816, 78.3693



72.5752, 72.0816, 65.4918



62.4504, 72.0816, 78.6000



64.6022, 72.0816, 93.0913

Sweetspot

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



74.9544, 72.0848, 78.3708



90.6856, 93.1853, 101.5444



75.4825, 71.9253, 97.9011



19.2400, 19.6798, 21.4460



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

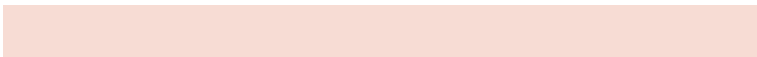
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9544, 72.0848, 78.3708



77.9875, 73.4887, 79.7402



75.8808, 75.8046, 72.9237



16.6739, 16.5524, 18.0295



20.8166, 10.6701, 3.7425



1.8697, 0.9539, 0.5403

Inverse Universe

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



74.9544, 72.0848, 78.3708



77.9875, 73.4887, 79.7402



74.7601, 82.3501, 99.9514



16.6739, 16.5524, 18.0295



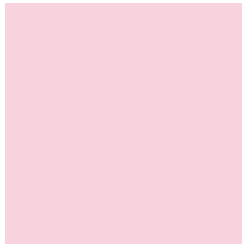
20.8166, 10.6701, 3.7425



1.8697, 0.9539, 0.5403

Previews

White Background



This preview shows how the XYZ color 74.9524, 72.0816, 78.3693 looks on a white background.

Color Contrast Check

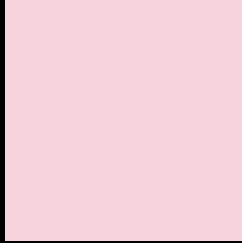
Large Text (above 18pt) WCAG AA × Fail

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 74.9524, 72.0816, 78.3693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

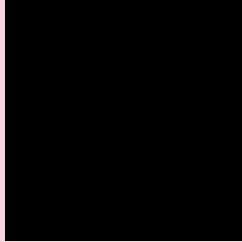
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.9524, 72.0816, 78.3693

Background



This preview shows how black text looks on a background with the XYZ color 74.9524, 72.0816, 78.3693.



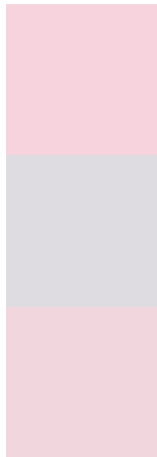
This preview shows how white text looks on a background with the XYZ color 74.9524, 72.0816,

78.3693.

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

74.9524, 72.0816, 78.3693

Protanopia

69.6152, 72.3106, 81.5224

Deuteranopia

73.7157, 72.1908, 78.4556



Tritanopia

75.8708, 72.0910, 82.5892

Trichromacy



Original Color

74.9524, 72.0816, 78.3693

Protanomaly

71.5461, 72.1633, 80.6790

Deuteranomaly

74.1536, 72.0421, 78.4038

Tritanomaly

75.5963, 71.9812, 81.1436

Monochromacy



Original Color

74.9524, 72.0816, 78.3693

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.7950, 73.0928, 79.4316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9524, 72.0816, 78.3693 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(247, 212, 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(247, 212, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 212, 221) }
```

Border

The CSS property to change the border of an element to XYZ 74.9524, 72.0816, 78.3693 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, 221) }
```


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

```
.border{ border-color:rgb(247, 212, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 212, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 212, 221);  
box-shadow:4px 4px 4px 4px rgb(247, 212,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9524, 72.0816, 78.3693 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, 221) }
```

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

```
.background{ background-color: rgb(247,  
212, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor