

Converting Colors

XYZ(74.7495, 72.4429, 78.0328)

Have a look what the booklet for
XYZ(74.7495, 72.4429, 78.0328)
contains.

XYZ(74.7186, 72.3486, 77.7367)	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(74.7186, 72.3486,
77.7367)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D5DC
RGB	246, 213, 220
RGB Percent	96%, 84%, 86%
CMY	0.0353, 0.1647, 0.1372
CMYK	0.00, 0.13, 0.11, 0.04
HSL	347°, 65%, 90%
HSV	347°, 13%, 96%
XYZ	74.7186, 72.3486, 77.7367
YIQ	223.6650, 17.4210, 9.1730

Conversions

Conversions Part 2

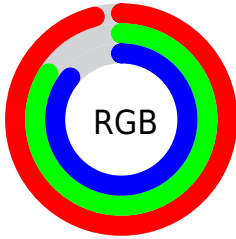
Format	Color
R _Y B	246, 213, 220
Decimal	16176604
CIE Lab	88.14, 12.60, 0.79
CIE LCh	88, 12.622, 3.600
Yxy	72.3486, 0.3324, 0.3218
Android (android.graphics.Color)	4294366684 (0xFFF6D5DC)
YUV	223.6650, -1.8068, 19.5878
Hunter-Lab	85.0580, 7.9506, 5.3539

Details

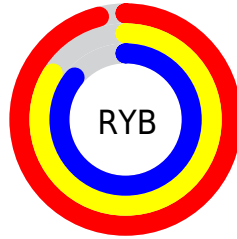
The XYZ color **74.7186, 72.3486, 77.7367** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.9792, 86.2916, 94.3171**, and the grayscale version is **70.6179, 74.2956, 80.9079**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0047, 37.9891, 40.8215** is the 20% darker color. If you saturate the color by 10%, you get **66.5741, 59.9321, 63.0816**, and if you desaturate by 10%, it is **84.1035, 86.7677, 94.2756**.

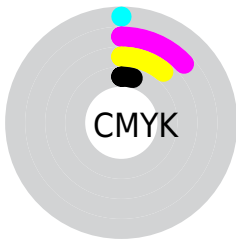
Distribution



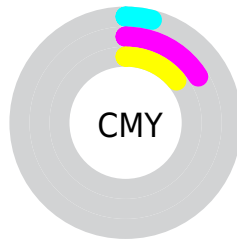
- Red (96%)
- Green (84%)
- Blue (86%)



- Red (96%)
- Yellow (84%)
- Blue (86%)



- Cyan (0%)
- Magenta (13%)
- Yellow (11%)
- Black (4%)



- Cyan (4%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7186, 72.3486, 77.7367 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 74.7186, 72.3486, 77.7367 by changing the saturation by 10% instead.

74.7186, 72.3486,
77.7367

74.7186, 72.3486,
77.7367

465.9619,
468.7540, 506.7764

55.6757, 53.4435,
57.3425

124.9040,
122.5520, 131.9614

40.1790, 38.1569,
40.8691

156.7772,
154.6191, 166.6290

27.8630, 26.1045,
27.8979

193.6580,
191.8423, 206.8915

18.3623, 16.9018,
18.0103

235.9116,
234.6061, 253.1674

11.3117, 10.1645,
10.7879

283.9035,
283.2947, 305.8753

6.3457, 5.5082,
5.8120

337.9989,

3.0991, 2.5484,

338.2927, 365.4338

2.6642

398.5633,
399.9843, 432.2613

■ 1.2064, 0.9008,
0.9253

■ 0.1114, 0.0000,
0.0000

■ 74.7186, 72.3486,
77.7367

■ 74.7186, 72.3486,
77.7367

■ 66.5741, 59.9321,
63.0816

■ 84.1035, 86.7677,
94.2756

■ 59.6115, 49.4201,
50.2385

■ 91.8165, 98.3331,
108.7487

■ 53.7770, 40.7211,
39.1373

■ 49.0097, 33.7316,
29.7019

■ 45.2432, 28.3383,
21.8502

■ 42.4033, 24.4136,
15.4930

■ 40.4051, 21.8104,
10.5317

■ 39.1468, 20.3505,
6.8546

■ 38.6299, 19.8424,
5.0614

Harmonies

Analogous

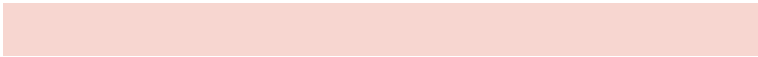
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0931, 72.3486, 86.3954



74.7186, 72.3486, 77.7367



73.7109, 72.3486, 69.9346

Triad

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



74.7186, 72.3486, 77.7367



65.6047, 72.3486, 65.7322



66.2180, 72.3486, 94.6127

Complementary

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



74.7186, 72.3486, 77.7367



75.9792, 86.2916, 94.3171

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.



64.0458, 72.3486, 88.3313



74.7186, 72.3486, 77.7367



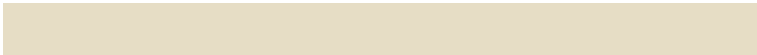
63.6990, 72.3486, 71.6170

Square

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



74.7186, 72.3486, 77.7367



68.4016, 72.3486, 63.3309



63.1367, 72.3486, 79.8232



69.1301, 72.3486, 96.5463

Rectangle

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



74.7186, 72.3486, 77.7367



72.2653, 72.3486, 66.1457



63.1367, 72.3486, 79.8232



65.3800, 72.3486, 92.9182

Sweetspot

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



74.7206, 72.3518, 77.7382



90.6147, 93.1570, 101.1706



75.9772, 72.5703, 97.1929



19.2221, 19.6726, 21.3517



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

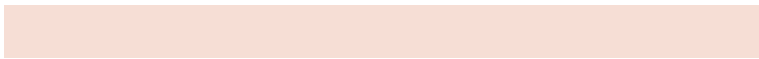
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7206, 72.3518, 77.7382



78.6363, 74.7741, 79.9946



76.2330, 76.8285, 73.7660



16.6429, 16.5400, 17.8660



20.6602, 10.6075, 2.9189



1.8520, 0.9468, 0.4471

Inverse Universe

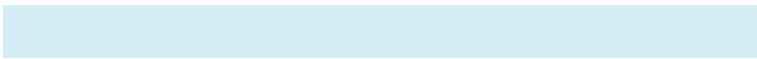
The Inverse Universe completely reimagines the original color for something new.



74.7206, 72.3518, 77.7382



78.6363, 74.7741, 79.9946



74.2607, 81.1683, 98.9429



16.6429, 16.5400, 17.8660



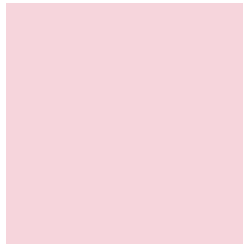
20.6602, 10.6075, 2.9189



1.8520, 0.9468, 0.4471

Previews

White Background



This preview shows how the XYZ color 74.7186, 72.3486, 77.7367 looks on a white background.

Color Contrast Check

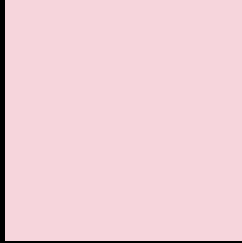
Large Text (above 18pt) WCAG AA × Fail

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 74.7186, 72.3486, 77.7367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

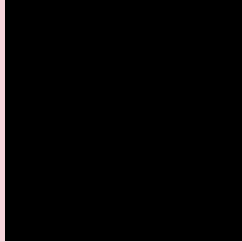
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.7186, 72.3486, 77.7367

Background



This preview shows how black text looks on a background with the XYZ color 74.7186, 72.3486, 77.7367.

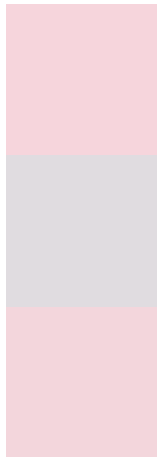


This preview shows how white text looks on a background with the XYZ color 74.7186, 72.3486,

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

74.7186, 72.3486, 77.7367

Protanopia

69.7882, 72.4155, 80.8204

Deuteranopia

73.9270, 72.3151, 77.7720



Tritanopia

75.9048, 72.4626, 83.3848

Trichromacy



Original Color

74.7186, 72.3486, 77.7367

Protanomaly

71.4108, 72.1092, 79.9668

Deuteranomaly

74.2731, 72.4935, 77.7882

Tritanomaly

75.4919, 72.2974, 81.2101

Monochromacy



Original Color

74.7186, 72.3486, 77.7367

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.1912, 73.6699, 80.2269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7186, 72.3486, 77.7367 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(246, 213, 220) looks like.

```
.text, #text, p{  
    color:rgb(246, 213, 220)  
}
```

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(246, 213, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 213, 220) }
```

Border

The CSS property to change the border of an element to XYZ 74.7186, 72.3486, 77.7367 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(246, 213, 220) }
```


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

```
.border{ border-color:rgb(246, 213, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 213, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 213, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 213, 220);  
box-shadow:4px 4px 4px 4px rgb(246, 213,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7186, 72.3486, 77.7367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 213, 220) }
```

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

```
.background{ background-color: rgb(246,  
213, 220) }
```

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