

Converting Colors

XYZ(74.8313, 72.7930, 76.8259)

Have a look what the booklet for
XYZ(74.8313, 72.7930, 76.8259)
contains.

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Color

**XYZ(74.8388, 72.8004,
77.1253)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D6DB
RGB	246, 214, 219
RGB Percent	96%, 84%, 86%
CMY	0.0353, 0.1608, 0.1412
CMYK	0.00, 0.13, 0.11, 0.04
HSL	351°, 64%, 90%
HSV	351°, 13%, 96%
XYZ	74.8388, 72.8004, 77.1253
YIQ	224.1380, 17.4670, 8.3390

Conversions

Conversions Part 2

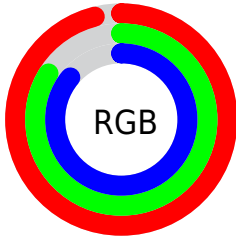
Format	Color
R _Y B	246, 214, 219
Decimal	16176859
CIE Lab	88.35, 11.91, 1.64
CIE LCh	88, 12.023, 7.817
Yxy	72.8004, 0.3330, 0.3239
Android (android.graphics.Color)	4294366939 (0xFFF6D6DB)
YUV	224.1380, -2.5330, 19.1730
Hunter-Lab	85.3232, 7.2507, 6.1328

Details

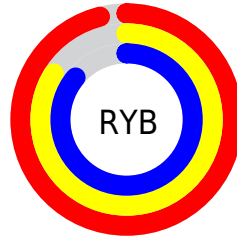
The XYZ color **74.8388, 72.8004, 77.1253** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.5673, 86.5604, 95.8956**, and the grayscale version is **70.9607, 74.6561, 81.3005**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0852, 38.2954, 40.4010** is the 20% darker color. If you saturate the color by 10%, you get **66.5125, 60.2514, 61.6969**, and if you desaturate by 10%, it is **84.4503, 87.3725, 94.6653**.

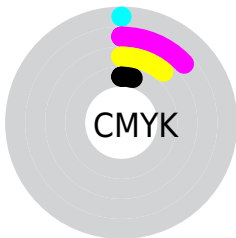
Distribution



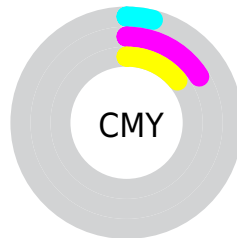
- Red (96%)
- Green (84%)
- Blue (86%)



- 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 74.8388, 72.8004, 77.1253 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 74.8388, 72.8004, 77.1253 by changing the saturation by 10% instead.


 74.8388, 72.8004,
77.1253

 74.8388, 72.8004,
77.1253


466.3690,
470.3227, 504.6401

 55.7745, 53.8128,
56.8435


125.0733,
123.1938, 131.0910

 40.2585, 38.4520,
40.4711


156.9742,
155.3684, 165.6120

 27.9252, 26.3337,
27.5895


193.8848,
192.7074, 205.7164

 18.4095, 17.0734,
17.7801

236.1703,
235.5952, 251.8230

 11.3458, 10.2869,
10.6244

284.1961,
284.4163, 304.3500

 6.3690, 5.5896,
5.7039

338.3276,

 3.1135, 2.5972,

339.5550, 363.7162

2.6000

398.9301,
401.3956, 430.3401

■ 1.2141, 0.9252,
0.8925

■ 0.1174, 0.0000,
0.0000

■ 74.8388, 72.8004,
77.1253

■ 74.8388, 72.8004,
77.1253

■ 66.5125, 60.2514,
61.6969

■ 84.4503, 87.3725,
94.6653

■ 59.4106, 49.6268,
48.2957

■ 91.8164, 98.3330,
108.7487

■ 53.4769, 40.8342,
36.8383

■ 48.6479, 33.7696,
27.2338

■ 44.8544, 28.3187,
19.3839

■ 42.0189, 24.3532,
13.1812

■ 40.0531, 21.7254,
8.5060

■ 38.8511, 20.2567,
5.2219

■ 38.3630, 19.7356,
3.6561

Harmonies

Analogous

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



74.4610, 72.8004, 85.4199



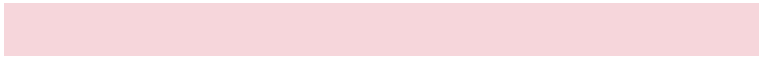
74.8388, 72.8004, 77.1253



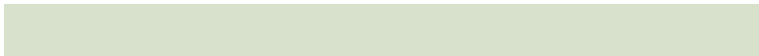
73.6713, 72.8004, 69.9171

Triad

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



74.8388, 72.8004, 77.1253



65.8478, 72.8004, 67.3644



67.1206, 72.8004, 94.9121

Complementary

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



74.8388, 72.8004, 77.1253



76.5673, 86.5604, 95.8956

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.



64.9031, 72.8004, 89.4159



74.8388, 72.8004, 77.1253



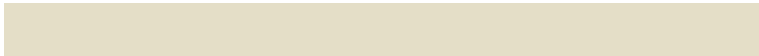
64.1825, 72.8004, 73.4174

Square

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



74.8388, 72.8004, 77.1253



68.4426, 72.8004, 64.5426



63.8416, 72.8004, 81.4485



69.9521, 72.8004, 96.0766

Rectangle

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



74.8388, 72.8004, 77.1253



72.1923, 72.8004, 66.5637



63.8416, 72.8004, 81.4485



66.2810, 72.8004, 93.4923

Sweetspot

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



74.8408, 72.8036, 77.1268



90.5268, 93.1218, 100.7081



76.8453, 73.3924, 97.3057



19.1999, 19.6638, 21.2350



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

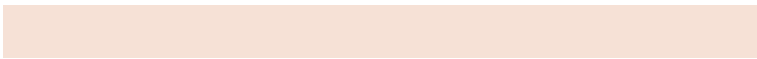
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8408, 72.8036, 77.1268



78.3312, 74.6520, 78.3878



76.9811, 78.1210, 74.6437



16.6046, 16.5247, 17.6644



20.5087, 10.5469, 2.1215



1.8331, 0.9392, 0.3476

Inverse Universe

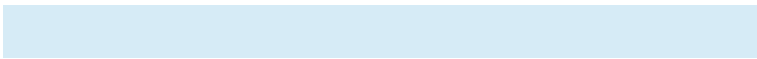
The Inverse Universe completely reimagines the original color for something new.



74.8408, 72.8036, 77.1268



78.3312, 74.6520, 78.3878



74.1726, 80.5602, 98.8301



16.6046, 16.5247, 17.6644



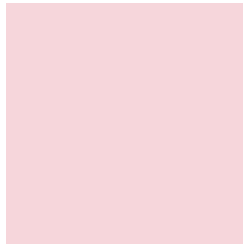
20.5087, 10.5469, 2.1215



1.8331, 0.9392, 0.3476

Previews

White Background



This preview shows how the XYZ color 74.8388, 72.8004, 77.1253 looks on a white background.

Color Contrast Check

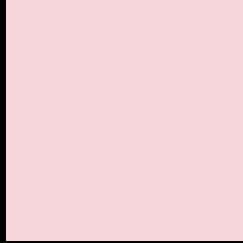
Large Text (above 18pt) WCAG AA × Fail

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 74.8388, 72.8004, 77.1253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

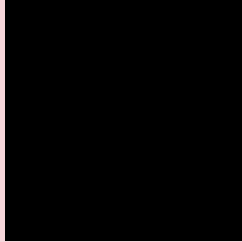
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.8388, 72.8004, 77.1253

Background



This preview shows how black text looks on a background with the XYZ color 74.8388, 72.8004, 77.1253.

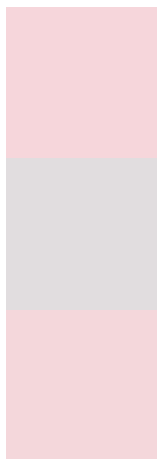


This preview shows how white text looks on a background with the XYZ color 74.8388, 72.8004,

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

74.8388, 72.8004, 77.1253

Protanopia

70.2271, 73.0482, 80.2104

Deuteranopia

74.3948, 72.9484, 77.1773



Tritanopia

76.0441, 72.5183, 84.1182

Trichromacy



Original Color

74.8388, 72.8004, 77.1253

Protanomaly

71.8605, 72.7404, 79.3601

Deuteranomaly

74.7428, 73.1278, 77.1935

Tritanomaly

75.7426, 72.7989, 81.2937

Monochromacy



Original Color

74.8388, 72.8004, 77.1253

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.0567, 73.6161, 79.5188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8388, 72.8004, 77.1253 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, 214, 219) looks like.

```
.text, #text, p{  
    color:rgb(246, 214, 219)  
}
```

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, 214, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 214, 219) }
```

Border

The CSS property to change the border of an element to XYZ 74.8388, 72.8004, 77.1253 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, 214, 219) }
```


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

```
.border{ border-color:rgb(246, 214, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 214, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 214, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 214, 219);  
box-shadow:4px 4px 4px 4px rgb(246, 214,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8388, 72.8004, 77.1253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 214, 219) }
```

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

```
.background{ background-color: rgb(246,  
214, 219) }
```

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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