

Converting Colors

XYZ(72.7394, 70.9581, 77.5737)

Have a look what the booklet for
XYZ(72.7394, 70.9581, 77.5737)
contains.

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Color

**XYZ(72.7374, 70.9550,
77.5722)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D4DC
RGB	241, 212, 220
RGB Percent	95%, 83%, 86%
CMY	0.0549, 0.1686, 0.1372
CMYK	0.00, 0.12, 0.09, 0.05
HSL	343°, 51%, 89%
HSV	343°, 12%, 95%
XYZ	72.7374, 70.9550, 77.5722
YIQ	221.5830, 14.7160, 8.6360

Conversions

Conversions Part 2

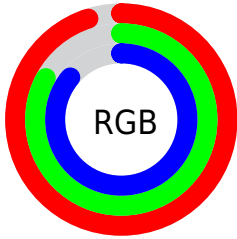
Format	Color
R _Y B	241, 212, 220
Decimal	15848668
CIE Lab	87.46, 11.38, -0.24
CIE LCh	87, 11.385, 358.784
Yxy	70.9550, 0.3287, 0.3207
Android (android.graphics.Color)	4294038748 (0xFFFF1D4DC)
YUV	221.5830, -0.7804, 17.0287
Hunter-Lab	84.2348, 6.7253, 4.3639

Details

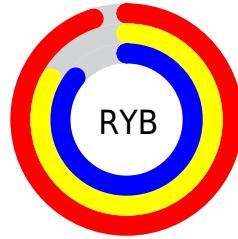
The XYZ color **72.7374, 70.9550, 77.5722** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.3174, 82.7927, 89.2111**, and the grayscale version is **69.1368, 72.7373, 79.2110**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8561, 37.1448, 40.7190** is the 20% darker color. If you saturate the color by 10%, you get **64.9647, 58.9173, 64.1657**, and if you desaturate by 10%, it is **81.6547, 84.8939, 92.5528**.

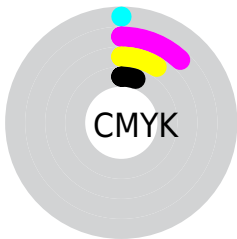
Distribution



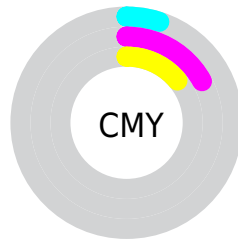
- Red (95%)
- Green (83%)
- Blue (86%)



- Red (95%)
- Yellow (83%)
- Blue (86%)



- Cyan (0%)
- Magenta (12%)
- Yellow (9%)
- Black (5%)





- Cyan (5%)
- Magenta (17%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.7374, 70.9550, 77.5722 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 72.7374, 70.9550, 77.5722 by changing the saturation by 10% instead.


 72.7374, 70.9550,
77.5722

 72.7374, 70.9550,
77.5722

459.2221,
463.8961, 506.2021

 54.0489, 52.3055,
57.2083


122.1095,
120.5696, 131.7273

 38.8716, 37.2486,
40.7620

153.5238,
152.3036, 166.3555

 26.8401, 25.4000,
27.8149


189.9107,
189.1677, 206.5755

 17.5891, 16.3754,
17.9483

231.6356,
231.5465, 252.8059

 10.7533, 9.7902,
10.7438

279.0638,
279.8244, 305.4652

 5.9673, 5.2600,
5.7829

332.5607,

 2.8657, 2.4006,

334.3857, 364.9720

2.6469

392.4917,
395.6148, 431.7448

■ 1.0831, 0.8262,
0.9165

■ 0.0109, 0.0000,
0.0000

■ 72.7374, 70.9550,
77.5722

■ 72.7374, 70.9550,
77.5722

■ 64.9647, 58.9173,
64.1657

■ 81.6547, 84.8939,
92.5528

■ 58.2835, 48.6890,
52.2766

■ 90.0716, 97.4352,
108.5913

■ 52.6454, 40.1848,
41.8514

■ 90.0861, 97.4410,
108.6677

■ 47.9959, 33.3089,
32.8318

■ 44.2755, 27.9558,
25.1553

■ 41.4178, 24.0078,
18.7542

■ 39.3473, 21.3295,
13.5545

■ 37.9740, 19.7583,
9.4732

■ 37.2730, 19.0998,
6.9477

Harmonies

Analogous

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



71.9550, 70.9550, 85.1806



72.7374, 70.9550, 77.5722



72.0695, 70.9550, 70.3519

Triad

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



72.7374, 70.9550, 77.5722



64.9840, 70.9550, 65.0051



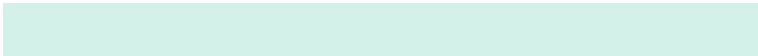
64.7990, 70.9550, 90.6117

Complementary

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



72.7374, 70.9550, 77.5722



73.3174, 82.7927, 89.2111

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.



63.0143, 70.9550, 84.6018



72.7374, 70.9550, 77.5722



63.1191, 70.9550, 69.8424

Square

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



72.7374, 70.9550, 77.5722



67.5502, 70.9550, 63.3925



62.4074, 70.9550, 76.9445



67.3311, 70.9550, 93.0106

Rectangle

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



72.7374, 70.9550, 77.5722



70.9014, 70.9550, 66.6563



62.4074, 70.9550, 76.9445



64.0943, 70.9550, 88.9280

Sweetspot

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



72.7394, 70.9581, 77.5737



90.7152, 93.1972, 101.6999



72.9566, 70.7283, 93.0268



19.2475, 19.6828, 21.4852



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

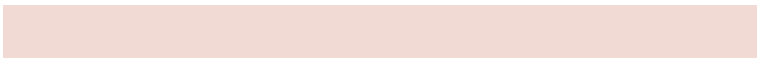
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.7394, 70.9581, 77.5737



80.8129, 77.7449, 84.9817



73.3066, 73.7470, 72.6620



15.9519, 15.8305, 17.3029



20.2609, 10.3768, 4.0244



1.7261, 0.8795, 0.5485

Inverse Universe

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



72.7394, 70.9581, 77.5737



80.8129, 77.7449, 84.9817



72.6583, 79.6046, 94.7558



15.9519, 15.8305, 17.3029



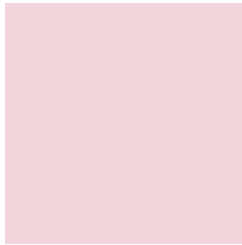
20.2609, 10.3768, 4.0244



1.7261, 0.8795, 0.5485

Previews

White Background



This preview shows how the XYZ color 72.7374, 70.9550, 77.5722 looks on a white background.

Color Contrast Check

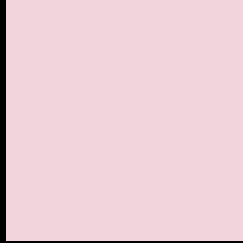
Large Text (above 18pt) WCAG AA × Fail

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 72.7374, 70.9550, 77.5722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

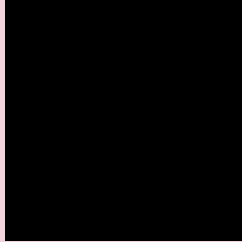
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.7374, 70.9550, 77.5722

Background



This preview shows how black text looks on a background with the XYZ color 72.7374, 70.9550, 77.5722.



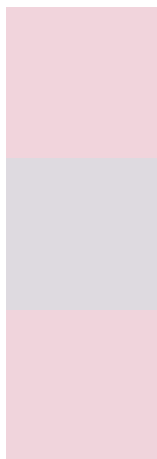
This preview shows how white text looks on a background with the XYZ color 72.7374, 70.9550,

77.5722.

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

72.7374, 70.9550, 77.5722

Protanopia

68.6502, 71.0542, 80.6176

Deuteranopia

72.3969, 70.7795, 77.5562



Tritanopia

73.7773, 71.0118, 82.4912

Trichromacy



Original Color

72.7374, 70.9550, 77.5722

Protanomaly

70.1882, 71.0975, 79.8359

Deuteranomaly

72.3969, 70.7795, 77.5562

Tritanomaly

73.3668, 70.8476, 80.3291

Monochromacy



Original Color

72.7374, 70.9550, 77.5722

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.4356, 72.0213, 78.5958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7374, 70.9550, 77.5722 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(241, 212, 220) looks like.

```
.text, #text, p{  
    color:rgb(241, 212, 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(241, 212, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 212, 220) }
```

Border

The CSS property to change the border of an element to XYZ 72.7374, 70.9550, 77.5722 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(241, 212, 220) }
```


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

```
.border{ border-color:rgb(241, 212, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 212, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 212, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 212, 220);  
box-shadow:4px 4px 4px 4px rgb(241, 212,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7374, 70.9550, 77.5722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 212, 220) }
```

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

```
.background{ background-color: rgb(241,  
212, 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](#).

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