

Converting Colors

XYZ(76.4010, 70.8531, 77.5552)

Have a look what the booklet for
XYZ(76.4010, 70.8531, 77.5552)
contains.

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Color

**XYZ(76.4711, 71.0530,
77.3943)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFDC
RGB	255, 207, 220
RGB Percent	100%, 81%, 86%
CMY	0.0000, 0.1882, 0.1372
CMYK	0.00, 0.19, 0.14, 0.00
HSL	344°, 100%, 91%
HSV	344°, 19%, 100%
XYZ	76.4711, 71.0530, 77.3943
YIQ	222.8340, 24.4350, 14.2190

Conversions

Conversions Part 2

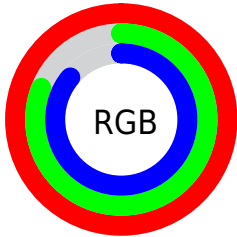
Format	Color
R _Y B	255, 207, 220
Decimal	16764892
CIE Lab	87.51, 18.87, -0.02
CIE LCh	88, 18.872, 359.931
Yxy	71.0530, 0.3400, 0.3159
Android (android.graphics.Color)	4294954972 (0xFFFFCFDC)
YUV	222.8340, -1.3972, 28.2096
Hunter-Lab	84.2929, 14.4237, 4.5674

Details

The XYZ color **76.4711, 71.0530, 77.3943** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.5216, 91.1974, 97.5252**, and the grayscale version is **70.0204, 73.6669, 80.2233**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3085, 37.1789, 40.5964** is the 20% darker color. If you saturate the color by 10%, you get **68.4575, 58.7502, 63.2409**, and if you desaturate by 10%, it is **85.7598, 85.4668, 93.3261**.

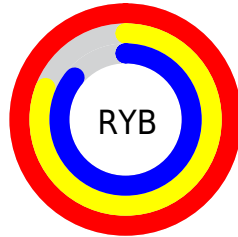
Distribution



Red (100%)

Green (81%)

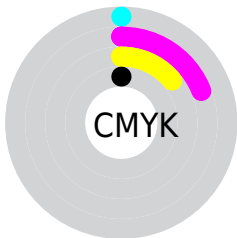
Blue (86%)



Red (100%)

Yellow (81%)

Blue (86%)

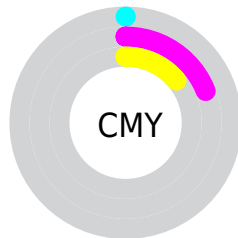


Cyan (0%)

Magenta (19%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (19%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.4711, 71.0530, 77.3943 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 76.4711, 71.0530, 77.3943 by changing the saturation by 10% instead.


 76.4711, 71.0530,
77.3943

 76.4711, 71.0530,
77.3943


471.8785,
464.2387, 505.5807

 57.1173, 52.3854,
57.0631


127.3694,
120.7092, 131.4740

 41.3399, 37.3124,
40.6462

159.6447,
152.4666, 166.0596

 28.7736, 25.4495,
27.7251

196.9578,
189.3561, 206.2336

 19.0531, 16.4122,
17.8813

239.6741,
231.7621, 252.4148

 11.8129, 9.8163,
10.6962

288.1589,
280.0690, 305.0215

 6.6877, 5.2773,
5.7514

342.7777,

 3.3121, 2.4109,

334.6611, 364.4724

2.6282

403.8958,
395.9229, 431.1859

■ 1.3209, 0.8315,
0.9069

■ 0.1988, 0.0000,
0.0000

■ 76.4711, 71.0530,
77.3943

■ 76.4711, 71.0530,
77.3943

■ 68.4575, 58.7502,
63.2409

■ 85.7598, 85.4668,
93.3261

■ 61.6570, 48.4500,
50.7986

95.0500, 100.0000,
108.9000

■ 56.0104, 40.0484,
40.0020

■ 51.4510, 33.4279,
30.7798

■ 47.9050, 28.4582,
23.0552

■ 45.2891, 24.9908,
16.7441

■ 43.5058, 22.8501,
11.7533

■ 42.4176, 21.7833,
7.9704

■ 42.3156, 21.6902,
7.5941

Harmonies

Analogous

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



75.2250, 71.0530, 90.3250



76.4711, 71.0530, 77.3943



75.2361, 71.0530, 65.7535

Triad

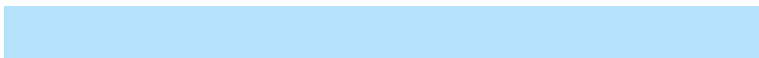
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.4711, 71.0530, 77.3943



63.3474, 71.0530, 57.9845



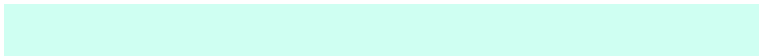
63.3303, 71.0530, 100.6079

Complementary

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



76.4711, 71.0530, 77.3943



77.5216, 91.1974, 97.5252

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.



60.3759, 71.0530, 90.2680



76.4711, 71.0530, 77.3943



60.3855, 71.0530, 65.7074

Square

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



76.4711, 71.0530, 77.3943



67.5441, 71.0530, 55.3254



59.3214, 71.0530, 77.3350



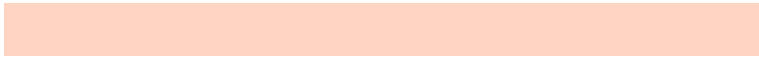
67.5234, 71.0530, 104.5946

Rectangle

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



76.4711, 71.0530, 77.3943



73.2018, 71.0530, 60.0615



59.3214, 71.0530, 77.3350



62.1661, 71.0530, 97.7076

Sweetspot

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



76.4728, 71.0560, 77.3958



88.6171, 89.9258, 98.1496



76.7773, 70.6202, 104.1922



18.8241, 19.0235, 20.7662



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

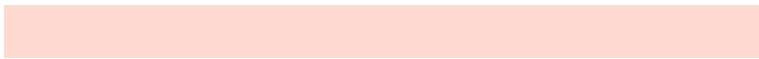
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.4728, 71.0560, 77.3958



72.9718, 65.6631, 71.2682



77.4206, 75.6000, 69.5472



18.2114, 18.0679, 19.7302



22.1638, 11.3548, 4.2470



2.2014, 1.1229, 0.6418

Inverse Universe

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



76.4728, 71.0560, 77.3958



72.9718, 65.6631, 71.2682



76.3158, 85.5501, 107.0983



18.2114, 18.0679, 19.7302



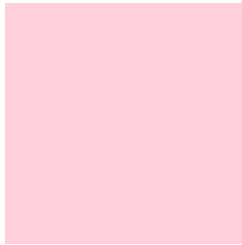
22.1638, 11.3548, 4.2470



2.2014, 1.1229, 0.6418

Previews

White Background



This preview shows how the XYZ color 76.4711, 71.0530, 77.3943 looks on a white background.

Color Contrast Check

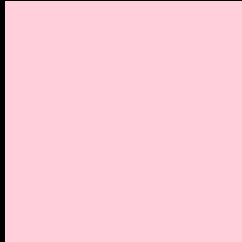
Large Text (above 18pt) WCAG AA × Fail

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 76.4711, 71.0530, 77.3943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

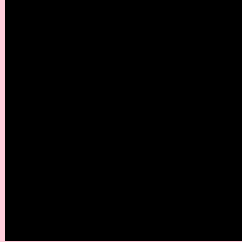
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.4711, 71.0530, 77.3943

Background



This preview shows how black text looks on a background with the XYZ color 76.4711, 71.0530, 77.3943.



This preview shows how white text looks on a background with the XYZ color 76.4711, 71.0530,

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

76.4711, 71.0530, 77.3943

Protanopia

68.7553, 71.0610, 82.7654

Deuteranopia

72.8561, 71.4037, 76.9602



Tritanopia

76.8721, 71.2134, 79.5060

Trichromacy



Original Color

76.4711, 71.0530, 77.3943

Protanomaly

71.1054, 70.7986, 80.4388

Deuteranomaly

74.0865, 71.2958, 76.8745

Tritanomaly

76.7376, 71.1596, 78.7979

Monochromacy



Original Color

76.4711, 71.0530, 77.3943

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.2586, 72.5618, 79.3046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4711, 71.0530, 77.3943 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(255, 207, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 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(255, 207, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 220) }
```

Border

The CSS property to change the border of an element to XYZ 76.4711, 71.0530, 77.3943 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(255, 207, 220) }
```


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

```
.border{ border-color:rgb(255, 207, 220) }
```

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

Here you see how a box with a 4 pixel rgb(255, 207, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4711, 71.0530, 77.3943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 220) }
```

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

```
.background{ background-color: rgb(255,  
207, 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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