

Converting Colors

XYZ(76.0772, 70.8954, 75.3201)

Have a look what the booklet for
XYZ(76.0772, 70.8954, 75.3201)
contains.

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Color

**XYZ(76.0772, 70.8954,
75.3201)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFD9
RGB	255, 207, 217
RGB Percent	100%, 81%, 85%
CMY	0.0000, 0.1882, 0.1490
CMYK	0.00, 0.19, 0.15, 0.00
HSL	348°, 100%, 91%
HSV	348°, 19%, 100%
XYZ	76.0772, 70.8954, 75.3201
YIQ	222.4920, 25.3980, 13.2860

Conversions

Conversions Part 2

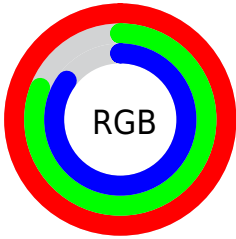
Format	Color
R _Y B	255, 207, 217
Decimal	16764889
CIE Lab	87.43, 18.40, 1.45
CIE LCh	87, 18.460, 4.518
Yxy	70.8954, 0.3422, 0.3189
Android (android.graphics.Color)	4294954969 (0xFFFFCFD9)
YUV	222.4920, -2.7076, 28.5095
Hunter-Lab	84.1994, 13.9322, 5.9021

Details

The XYZ color **76.0772, 70.8954, 75.3201** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.9760, 91.3791, 99.9181**, and the grayscale version is **69.7865, 73.4208, 79.9553**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2015, 37.3969, 39.2292** is the 20% darker color. If you saturate the color by 10%, you get **67.9235, 58.5366, 60.4292**, and if you desaturate by 10%, it is **85.5532, 85.3842, 92.2386**.

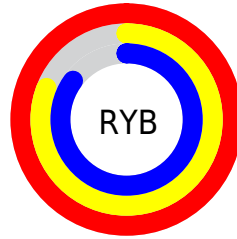
Distribution



Red (100%)

Green (81%)

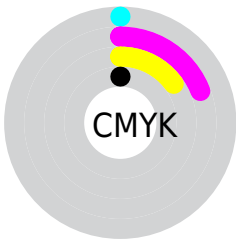
Blue (85%)



Red (100%)

Yellow (81%)

Blue (85%)

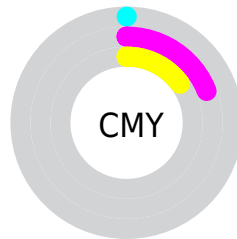


Cyan (0%)

Magenta (19%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.0772, 70.8954, 75.3201 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 76.0772, 70.8954, 75.3201 by changing the saturation by 10% instead.


 76.0772, 70.8954,
75.3201

 76.0772, 70.8954,
75.3201


470.5523,
463.6877, 498.3018

 56.7931, 52.2568,
55.3719


126.8158,
120.4848, 128.5166

 41.0786, 37.2098,
39.2989


159.0010,
152.2044, 162.6020

 28.5685, 25.3700,
26.6827


196.2173,
189.0531, 202.2368

 18.8973, 16.3529,
17.1048

238.8300,
231.4154, 247.8397

 11.6996, 9.7742,
10.1465

287.2045,
279.6756, 299.8291

 6.6102, 5.2495,
5.3893

341.7061,

 3.2637, 2.3944,

334.2181, 358.6235

2.4147

402.7003,
395.4274, 424.6416

■ 1.2947, 0.8230,
0.7945

■ 0.1793, 0.0000,
0.0000

■ 76.0772, 70.8954,
75.3201

■ 76.0772, 70.8954,
75.3201

■ 67.9235, 58.5366,
60.4292

■ 85.5532, 85.3842,
92.2386

■ 61.0277, 48.1983,
47.4848

95.0500, 100.0000,
108.9000

■ 55.3276, 39.7753,
36.4066

■ 50.7535, 33.1489,
27.1070

■ 47.2282, 28.1875,
19.4912

■ 44.6646, 24.7410,
13.4553

■ 42.9606, 22.6320,
8.8827

■ 41.9739, 21.6058,
5.6340

■ 41.8851, 21.5180,
5.3269

Harmonies

Analogous

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



75.2258, 70.8954, 87.9723



76.0772, 70.8954, 75.3201



74.5184, 70.8954, 64.3905

Triad

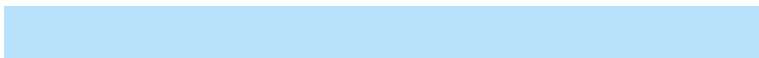
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0772, 70.8954, 75.3201



62.7513, 70.8954, 59.0786



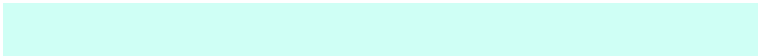
63.8467, 70.8954, 100.9175

Complementary

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



76.0772, 70.8954, 75.3201



77.9760, 91.3791, 99.9181

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.



60.7200, 70.8954, 91.5891



76.0772, 70.8954, 75.3201



60.1070, 70.8954, 67.3324

Square

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



76.0772, 70.8954, 75.3201



66.7268, 70.8954, 55.6773



59.3795, 70.8954, 79.0968



68.0454, 70.8954, 103.6407

Rectangle

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



76.0772, 70.8954, 75.3201



72.3601, 70.8954, 59.2723



59.3795, 70.8954, 79.0968



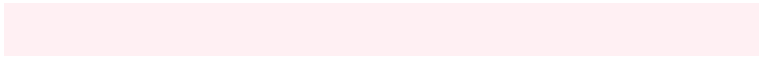
62.6414, 70.8954, 98.4044

Sweetspot

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



76.0789, 70.8984, 75.3216



88.4723, 89.8679, 97.3873



77.8815, 71.1895, 104.2439



18.7900, 19.0098, 20.5866



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

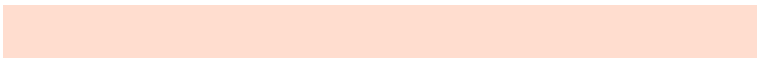
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.0789, 70.8984, 75.3216



72.5137, 65.4798, 68.8563



78.2553, 77.2695, 69.8254



18.1641, 18.0490, 19.4813



21.9289, 11.2609, 3.0101



2.1726, 1.1114, 0.4902

Inverse Universe

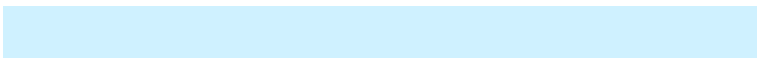
The Inverse Universe completely reimagines the original color for something new.



76.0789, 70.8984, 75.3216



72.5137, 65.4798, 68.8563



75.3582, 83.6350, 106.7791



18.1641, 18.0490, 19.4813



21.9289, 11.2609, 3.0101



2.1726, 1.1114, 0.4902

Previews

White Background



This preview shows how the XYZ color 76.0772, 70.8954, 75.3201 looks on a white background.

Color Contrast Check

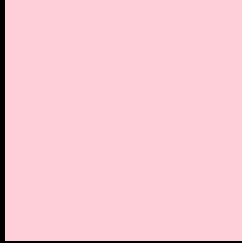
Large Text (above 18pt) WCAG AA × Fail

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 76.0772, 70.8954, 75.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

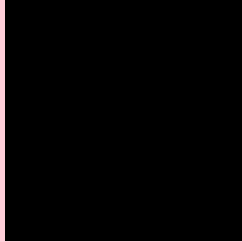
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.0772, 70.8954, 75.3201

Background



This preview shows how black text looks on a background with the XYZ color 76.0772, 70.8954, 75.3201.



This preview shows how white text looks on a background with the XYZ color 76.0772, 70.8954,

75.3201.

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

76.0772, 70.8954, 75.3201

Protanopia

68.5149, 71.0001, 79.9053

Deuteranopia

72.5561, 70.9221, 74.8310



Tritanopia

76.4961, 70.6765, 78.7174

Trichromacy



Original Color

76.0772, 70.8954, 75.3201

Protanomaly

71.0294, 70.8060, 78.3299

Deuteranomaly

73.7990, 70.8252, 74.7468

Tritanomaly

76.2296, 70.5699, 77.3138

Monochromacy



Original Color

76.0772, 70.8954, 75.3201

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.6628, 72.2854, 77.8856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0772, 70.8954, 75.3201 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, 217) looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 217) }
```

Border

The CSS property to change the border of an element to XYZ 76.0772, 70.8954, 75.3201 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, 217) }
```


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

```
.border{ border-color:rgb(255, 207, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0772, 70.8954, 75.3201 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, 217) }
```

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

```
.background{ background-color: rgb(255,  
207, 217) }
```

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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