

Converting Colors

XYZ(76.3706, 71.0219, 76.8370)

Have a look what the booklet for XYZ(76.3706, 71.0219, 76.8370) contains.

- XYZ(76.3390, 71.0001, 76.6987) 3**
- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**XYZ(76.3390, 71.0001,
76.6987)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFDB
RGB	255, 207, 219
RGB Percent	100%, 81%, 86%
CMY	0.0000, 0.1882, 0.1412
CMYK	0.00, 0.19, 0.14, 0.00
HSL	345°, 100%, 91%
HSV	345°, 19%, 100%
XYZ	76.3390, 71.0001, 76.6987
YIQ	222.7200, 24.7560, 13.9080

Conversions

Conversions Part 2

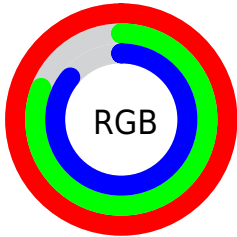
Format	Color
R _Y B	255, 207, 219
Decimal	16764891
CIE Lab	87.49, 18.72, 0.47
CIE LCh	87, 18.721, 1.436
Yxy	71.0001, 0.3407, 0.3169
Android (android.graphics.Color)	4294954971 (0xFFFFCFDB)
YUV	222.7200, -1.8340, 28.3096
Hunter-Lab	84.2616, 14.2591, 5.0146

Details

The XYZ color **76.3390, 71.0001, 76.6987** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.6722, 91.2576, 98.3184**, and the grayscale version is **69.9423, 73.5848, 80.1338**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2178, 37.1426, 40.1188** is the 20% darker color. If you saturate the color by 10%, you get **68.2776, 58.6782, 62.2942**, and if you desaturate by 10%, it is **85.6907, 85.4391, 92.9626**.

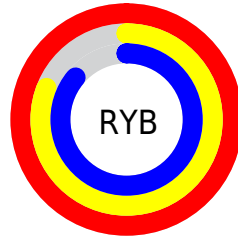
Distribution



Red (100%)

Green (81%)

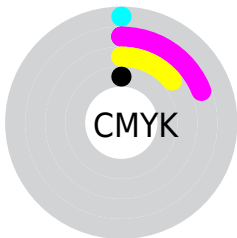
Blue (86%)



Red (100%)

Yellow (81%)

Blue (86%)

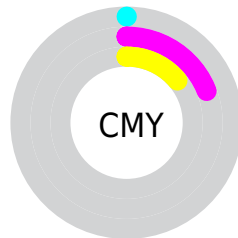


Cyan (0%)

Magenta (19%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.3390, 71.0001, 76.6987 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 76.3390, 71.0001, 76.6987 by changing the saturation by 10% instead.


 76.3390, 71.0001,
76.6987

 76.3390, 71.0001,
76.6987


471.4339,
464.0538, 503.1465

 57.0086, 52.3423,
56.4955

127.1838,
120.6339, 130.4832

 41.2523, 37.2780,
40.1937

159.4289,
152.3786, 164.9016

 28.7048, 25.4228,
27.3747


196.7095,
189.2544, 204.8955

 19.0008, 16.3923,
17.6199

239.3911,
231.6457, 250.8835

 11.7749, 9.8022,
10.5108

287.8390,
279.9369, 303.2840

 6.6617, 5.2680,
5.6289

342.4185,

 3.2959, 2.4054,

334.5124, 362.5157

2.5557

403.4950,
395.7566, 428.9970

■ 1.3121, 0.8286,
0.8694

■ 0.1922, 0.0000,
0.0000

■ 76.3390, 71.0001,
76.6987

■ 76.3390, 71.0001,
76.6987

■ 68.2776, 58.6782,
62.2942

■ 85.6907, 85.4391,
92.9626

■ 61.4441, 48.3648,
49.6775

95.0500, 100.0000,
108.9000

■ 55.7781, 39.9554,
38.7786

■ 51.2119, 33.3323,
29.5210

■ 47.6709, 28.3645,
21.8223

■ 45.0704, 24.9033,
15.5924

■ 43.3116, 22.7724,
10.7310

■ 42.2556, 21.7185,
7.1174

■ 42.1578, 21.6271,
6.7633

Harmonies

Analogous

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



75.2246, 71.0001, 89.5356



76.3390, 71.0001, 76.6987



74.9958, 71.0001, 65.2973

Triad

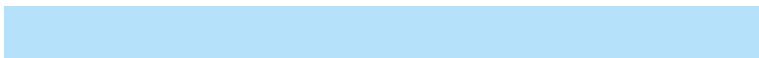
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.3390, 71.0001, 76.6987



63.1482, 71.0001, 58.3478



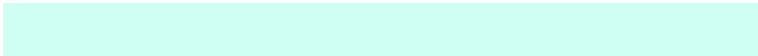
63.5018, 71.0001, 100.7096

Complementary

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



76.3390, 71.0001, 76.6987



77.6722, 91.2576, 98.3184

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.



60.4903, 71.0001, 90.7058



76.3390, 71.0001, 76.6987



60.2925, 71.0001, 66.2459

Square

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



76.3390, 71.0001, 76.6987



67.2707, 71.0001, 55.4428



59.3407, 71.0001, 77.9186



67.6967, 71.0001, 104.2746

Rectangle

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



76.3390, 71.0001, 76.6987



72.9201, 71.0001, 59.7980



59.3407, 71.0001, 77.9186



62.3240, 71.0001, 97.9381

Sweetspot

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



76.3407, 71.0031, 76.7002



88.5688, 89.9065, 97.8951



77.3270, 70.9035, 104.2179



18.8127, 19.0189, 20.7062



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

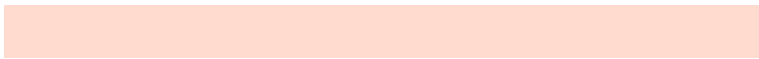
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.3407, 71.0031, 76.7002



72.8179, 65.6015, 70.4581



77.8359, 76.4307, 69.6856



18.1956, 18.0615, 19.6470



22.0782, 11.3206, 3.7961



2.1912, 1.1188, 0.5881

Inverse Universe

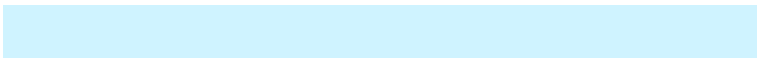
The Inverse Universe completely reimagines the original color for something new.



76.3407, 71.0031, 76.7002



72.8179, 65.6015, 70.4581



75.8349, 84.5884, 106.9380



18.1956, 18.0615, 19.6470



22.0782, 11.3206, 3.7961



2.1912, 1.1188, 0.5881

Previews

White Background



This preview shows how the XYZ color 76.3390, 71.0001, 76.6987 looks on a white background.

Color Contrast Check

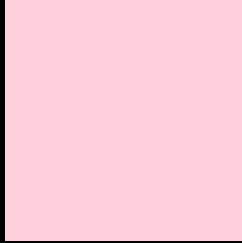
Large Text (above 18pt) WCAG AA × Fail

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 76.3390, 71.0001, 76.6987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

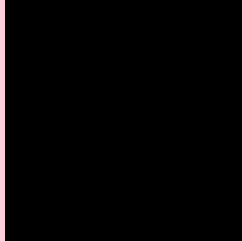
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.3390, 71.0001, 76.6987

Background



This preview shows how black text looks on a background with the XYZ color 76.3390, 71.0001, 76.6987.

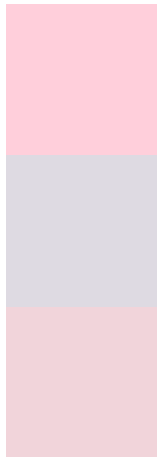


This preview shows how white text looks on a background with the XYZ color 76.3390, 71.0001,

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

76.3390, 71.0001, 76.6987

Protanopia

68.9231, 71.1634, 82.0548

Deuteranopia

72.4740, 70.8497, 76.1852



Tritanopia

76.7376, 71.1596, 78.7979

Trichromacy



Original Color

76.3390, 71.0001, 76.6987

Protanomaly

71.2975, 70.9133, 79.7419

Deuteranomaly

73.7075, 70.7480, 76.1006

Tritanomaly

76.6040, 71.1061, 78.0940

Monochromacy



Original Color

76.3390, 71.0001, 76.6987

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 76.3390, 71.0001, 76.6987 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 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(255, 207, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 219) }
```

Border

The CSS property to change the border of an element to XYZ 76.3390, 71.0001, 76.6987 is called "border". The border property can be set on classes, ids or directly on the HTML element.

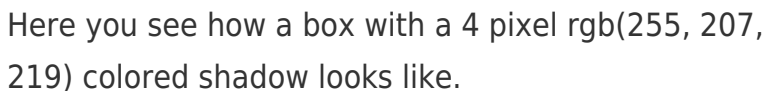
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 207, 219) }
```


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

```
.border{ border-color:rgb(255, 207, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 207, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 207, 219); box-shadow:4px 4px 4px 4px rgb(255, 207, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3390, 71.0001, 76.6987 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, 219) }
```

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

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

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