

Converting Colors

XYZ(74.6501, 68.7090, 76.3455)

Have a look what the booklet for XYZ(74.6501, 68.7090, 76.3455) contains.

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Color

**XYZ(74.6501, 68.7090,
76.3455)**

Conversions

Conversions Part 1

Format	Color
Hex	FDCBDB
RGB	253, 203, 219
RGB Percent	99%, 80%, 86%
CMY	0.0078, 0.2039, 0.1412
CMYK	0.00, 0.20, 0.13, 0.01
HSL	341°, 93%, 89%
HSV	341°, 20%, 99%
XYZ	74.6501, 68.7090, 76.3455
YIQ	219.7740, 24.6640, 15.5760

Conversions

Conversions Part 2

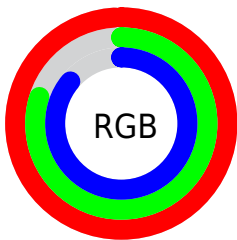
Format	Color
R _Y B	253, 203, 219
Decimal	16632795
CIE Lab	86.36, 20.11, -1.20
CIE LCh	86, 20.148, 356.593
Yxy	68.7090, 0.3398, 0.3127
Android (android.graphics.Color)	4294822875 (0xFFFDCBDB)
YUV	219.7740, -0.3816, 29.1392
Hunter-Lab	82.8909, 15.6949, 3.4154

Details

The XYZ color **74.6501, 68.7090, 76.3455** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.0427, 89.0632, 93.3608**, and the grayscale version is **67.8621, 71.3962, 77.7505**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2132, 35.9110, 39.9340** is the 20% darker color. If you saturate the color by 10%, you get **67.0068, 56.8613, 63.1941**, and if you desaturate by 10%, it is **83.5064, 82.6064, 91.0580**.

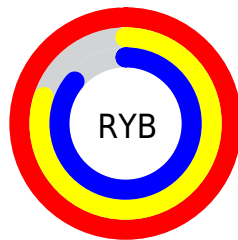
Distribution



Red (99%)

Green (80%)

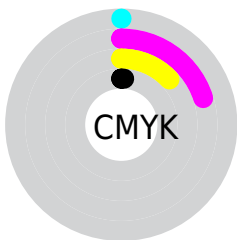
Blue (86%)



Red (99%)

Yellow (80%)

Blue (86%)

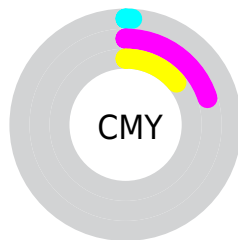


Cyan (0%)

Magenta (20%)

Yellow (13%)

Black (1%)



Cyan (1%)

Magenta (20%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6501, 68.7090, 76.3455 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 74.6501, 68.7090, 76.3455 by changing the saturation by 10% instead.

74.6501, 68.7090,
76.3455

74.6501, 68.7090,
76.3455

465.7298,
456.0040, 501.9079

55.6195, 50.4748,
56.2075

124.8075,
117.3658, 129.9797

40.1337, 35.7908,
39.9642

156.6650,
148.5572, 164.3131

27.8275, 24.2726,
27.1971

193.5287,
184.8365, 204.2152

18.3354, 15.5360,
17.4875

235.7642,
226.5879, 250.1048

11.2922, 9.1964,
10.4171

283.7367,
274.1960, 302.4003

6.3325, 4.8695,
5.5672

337.8115,

3.0909, 2.1709,

328.0451, 361.5203

2.5192

398.3541,
388.5196, 427.8833

■ 1.2020, 0.7041,
0.8503

■ 0.1079, 0.0000,
0.0000

■ 74.6501, 68.7090,
76.3455

■ 74.6501, 68.7090,
76.3455

■ 67.0068, 56.8613,
63.1941

■ 83.5064, 82.6064,
91.0580

■ 60.5163, 46.9568,
51.5464

■ 93.6207, 98.6349,
107.3776

■ 55.1220, 38.8932,
41.3478

■ 94.3183, 99.6228,
108.8658

■ 50.7601, 32.5552,
32.5382

■ 47.3595, 27.8144,
25.0532

■ 44.8400, 24.5240,
18.8225

■ 43.1069, 22.5099,
13.7678

■ 42.0135, 21.4954,
9.7895

■ 41.9914, 21.4761,
9.7058

Harmonies

Analogous

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



73.0628, 68.7090, 89.8253



74.6501, 68.7090, 76.3455



73.6373, 68.7090, 63.9186

Triad

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



74.6501, 68.7090, 76.3455



61.3821, 68.7090, 54.1597



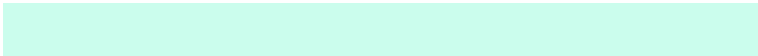
60.5027, 68.7090, 98.3051

Complementary

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



74.6501, 68.7090, 76.3455



75.0427, 89.0632, 93.3608

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.



57.6278, 68.7090, 86.8787



74.6501, 68.7090, 76.3455



58.1184, 68.7090, 61.5731

Square

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



74.6501, 68.7090, 76.3455



65.8390, 68.7090, 52.0390



56.7758, 68.7090, 73.3000



64.7756, 68.7090, 103.4156

Rectangle

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



74.6501, 68.7090, 76.3455



71.6488, 68.7090, 57.6989



56.7758, 68.7090, 73.3000



59.3487, 68.7090, 95.0138

Sweetspot

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



74.6520, 68.7121, 76.3469



88.7315, 89.9715, 98.7520



73.7908, 67.6971, 102.1068



18.8511, 19.0343, 20.9083



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

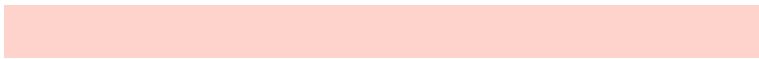
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6520, 68.7121, 76.3469



72.5459, 64.5780, 71.8454



74.6670, 71.9518, 66.4564



18.2488, 18.0828, 19.9276



22.3962, 11.4478, 5.4708



2.2280, 1.1336, 0.7818

Inverse Universe

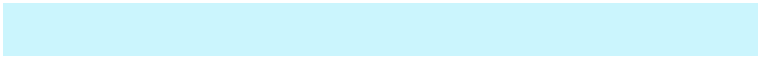
The Inverse Universe completely reimagines the original color for something new.



74.6520, 68.7121, 76.3469



72.5459, 64.5780, 71.8454



74.9122, 84.8936, 105.3670



18.2488, 18.0828, 19.9276



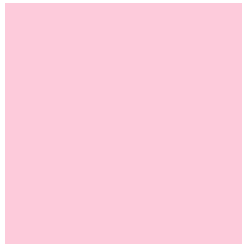
22.3962, 11.4478, 5.4708



2.2280, 1.1336, 0.7818

Previews

White Background



This preview shows how the XYZ color 74.6501, 68.7090, 76.3455 looks on a white background.

Color Contrast Check

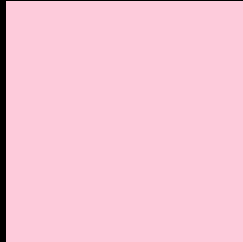
Large Text (above 18pt) WCAG AA × Fail

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 74.6501, 68.7090, 76.3455 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 74.6501, 68.7090, 76.3455

Background



This preview shows how black text looks on a background with the XYZ color 74.6501, 68.7090, 76.3455.

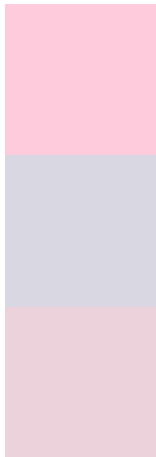


This preview shows how white text looks on a background with the XYZ color 74.6501, 68.7090,

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

74.6501, 68.7090, 76.3455

Protanopia

66.6432, 68.8436, 81.7272

Deuteranopia

70.2936, 68.9880, 75.9408



Tritanopia

74.6501, 68.7090, 76.3455

Trichromacy



Original Color

74.6501, 68.7090, 76.3455

Protanomaly

69.2467, 68.7392, 79.4303

Deuteranomaly

71.5857, 68.5648, 75.7910

Tritanomaly

74.6501, 68.7090, 76.3455

Monochromacy



Original Color

74.6501, 68.7090, 76.3455

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.2435, 70.4162, 77.5996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6501, 68.7090, 76.3455 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(253, 203, 219)` looks like.

```
.text, #text, p{  
    color:rgb(253, 203, 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(253, 203, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 203, 219) }
```

Border

The CSS property to change the border of an element to XYZ 74.6501, 68.7090, 76.3455 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(253, 203, 219) }
```


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

```
.border{ border-color:rgb(253, 203, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 203, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 203, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 203, 219);  
box-shadow:4px 4px 4px 4px rgb(253, 203,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6501, 68.7090, 76.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 203, 219) }
```

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

```
.background{ background-color: rgb(253,  
203, 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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