

Converting Colors

XYZ(73.9757, 67.9410, 70.7702)

Have a look what the booklet for XYZ(73.9757, 67.9410, 70.7702) contains.

XYZ(73.8845, 67.7364, 70.8083) 3

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Color

**XYZ(73.8845, 67.7364,
70.8083)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9D3
RGB	255, 201, 211
RGB Percent	100%, 79%, 83%
CMY	0.0000, 0.2117, 0.1725
CMYK	0.00, 0.21, 0.17, 0.00
HSL	349°, 100%, 89%
HSV	349°, 21%, 100%
XYZ	73.8845, 67.7364, 70.8083
YIQ	218.2860, 28.9740, 14.5580

Conversions

Conversions Part 2

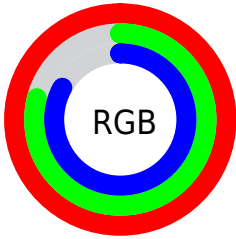
Format	Color
R _Y B	255, 201, 211
Decimal	16763347
CIE Lab	85.87, 20.62, 2.37
CIE LCh	86, 20.757, 6.556
Yxy	67.7364, 0.3478, 0.3189
Android (android.graphics.Color)	4294953427 (0xFFFFC9D3)
YUV	218.2860, -3.5920, 32.1982
Hunter-Lab	82.3021, 16.2148, 6.6016

Details

The XYZ color **73.8845, 67.7364, 70.8083** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.3312, 90.5312, 99.8411**, and the grayscale version is **66.8493, 70.3307, 76.5901**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8082, 35.3075, 36.6152** is the 20% darker color. If you saturate the color by 10%, you get **65.9872, 55.8447, 56.1437**, and if you desaturate by 10%, it is **83.1085, 81.7421, 87.5783**.

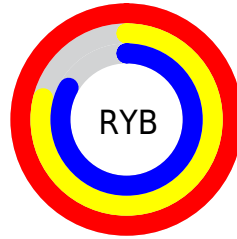
Distribution



Red (100%)

Green (79%)

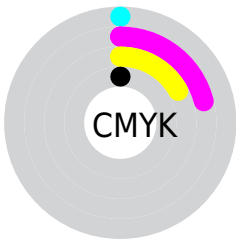
Blue (83%)



Red (100%)

Yellow (79%)

Blue (83%)

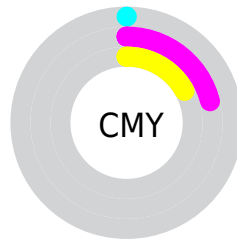


Cyan (0%)

Magenta (21%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8845, 67.7364, 70.8083 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 73.8845, 67.7364, 70.8083 by changing the saturation by 10% instead.


 73.8845, 67.7364,
70.8083

 73.8845, 67.7364,
70.8083


463.1311,
452.5615, 482.2486

 54.9905, 49.6833,
51.7049


123.7284,
115.9750, 122.0526

 39.6279, 35.1618,
36.3893


155.4091,
146.9292, 155.0306

 27.4315, 23.7876,
24.4429


192.0826,
182.9527, 193.4706

 18.0358, 15.1761,
15.4473

234.1143,
224.4297, 237.7911

 11.0755, 8.9431,
8.9838

281.8697,
271.7447, 288.4105

 6.1853, 4.7041,
4.6339


335.7141,


 2.9998, 2.0747,


325.2821, 345.7476


1.9792


396.0128,
385.4262, 410.2208


 1.1537, 0.6503,
0.5424


 0.0693, 0.0000,
0.0000


 73.8845, 67.7364,
70.8083


 73.8845, 67.7364,
70.8083

 65.9872, 55.8447,
56.1437


 83.1085, 81.7421,
87.5783

 59.3504, 45.9558,
43.4965

 93.7119, 97.9485,
106.5285

 53.9092, 37.9617,
32.7789

95.0500, 100.0000,
108.9000

 49.5910, 31.7403,
23.8946

■ 46.3153, 27.1556,
16.7391

■ 43.9900, 24.0515,
11.1967

■ 42.5067, 22.2414,
7.1369

■ 41.7572, 21.4669,
4.6538

Harmonies

Analogous

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



73.1264, 67.7364, 84.6535



73.8845, 67.7364, 70.8083



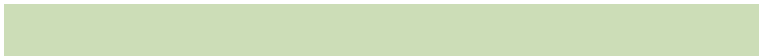
71.9975, 67.7364, 59.2501

Triad

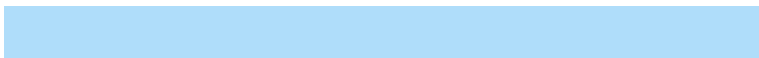
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8845, 67.7364, 70.8083



59.0952, 67.7364, 54.6800



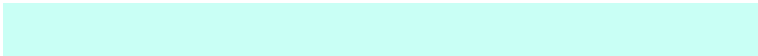
60.8168, 67.7364, 100.4378

Complementary

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



73.8845, 67.7364, 70.8083



76.3312, 90.5312, 99.8411

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.



57.3223, 67.7364, 90.4492



73.8845, 67.7364, 70.8083



56.3630, 67.7364, 63.8316

Square

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



73.8845, 67.7364, 70.8083



63.3447, 67.7364, 50.7068



55.7303, 67.7364, 76.7791



65.4294, 67.7364, 102.8997

Rectangle

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



73.8845, 67.7364, 70.8083



69.5455, 67.7364, 54.0158



55.7303, 67.7364, 76.7791



59.4795, 67.7364, 97.7941

Sweetspot

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



73.8861, 67.7393, 70.8097



88.4189, 89.8465, 97.1061



76.3161, 68.2652, 103.7620



18.7774, 19.0048, 20.5203



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.



73.8861, 67.7393, 70.8097



70.7110, 62.9450, 64.9547



76.6489, 75.2084, 65.7389



18.1467, 18.0420, 19.3897



21.8582, 11.2326, 2.6378



2.1633, 1.1077, 0.4413

Inverse Universe

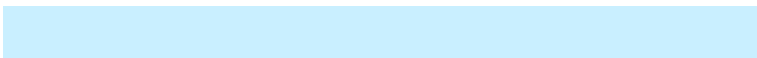
The Inverse Universe completely reimagines the original color for something new.



73.8861, 67.7393, 70.8097



70.7110, 62.9450, 64.9547



72.9475, 81.2554, 106.4469



18.1467, 18.0420, 19.3897



21.8582, 11.2326, 2.6378



2.1633, 1.1077, 0.4413

Previews

White Background



This preview shows how the XYZ color 73.8845, 67.7364, 70.8083 looks on a white background.

Color Contrast Check

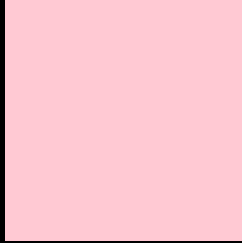
Large Text (above 18pt) WCAG AA × Fail

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 73.8845, 67.7364, 70.8083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

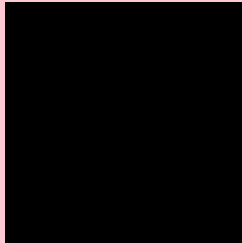
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.8845, 67.7364, 70.8083

Background



This preview shows how black text looks on a background with the XYZ color 73.8845, 67.7364, 70.8083.

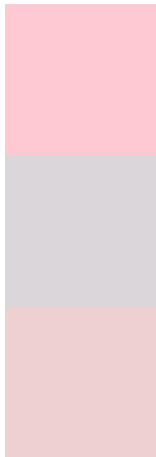


This preview shows how white text looks on a background with the XYZ color 73.8845, 67.7364,

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

73.8845, 67.7364, 70.8083

Protanopia

65.6149, 68.0605, 76.0084

Deuteranopia

69.4486, 67.9420, 70.4266



Tritanopia

74.2889, 67.5264, 74.0842

Trichromacy



Original Color

73.8845, 67.7364, 70.8083

Protanomaly

68.0212, 67.4961, 73.7329

Deuteranomaly

70.7724, 67.5489, 70.2809

Tritanomaly

74.0319, 67.4236, 72.7305

Monochromacy



Original Color

73.8845, 67.7364, 70.8083

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.7642, 68.9822, 73.9806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8845, 67.7364, 70.8083 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, 201, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 211)  
}
```

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, 201, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 211) }
```

Border

The CSS property to change the border of an element to XYZ 73.8845, 67.7364, 70.8083 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, 201, 211) }
```


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

```
.border{ border-color:rgb(255, 201, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8845, 67.7364, 70.8083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 211) }
```

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

```
.background{ background-color: rgb(255,  
201, 211) }
```

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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