

Converting Colors

XYZ(74.9890, 67.5844, 70.8779)

Have a look what the booklet for
XYZ(74.9890, 67.5844, 70.8779)
contains.

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Color

**XYZ(73.4213, 66.8100,
70.6539)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC7D3
RGB	255, 199, 211
RGB Percent	100%, 78%, 83%
CMY	0.0000, 0.2196, 0.1725
CMYK	0.00, 0.22, 0.17, 0.00
HSL	347°, 100%, 89%
HSV	347°, 22%, 100%
XYZ	73.4213, 66.8100, 70.6539
YIQ	217.1120, 29.5240, 15.6040

Conversions

Conversions Part 2

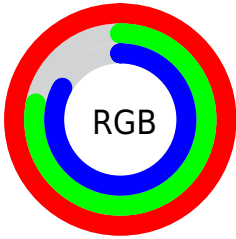
Format	Color
R_{YB}	255, 199, 211
Decimal	16762835
CIE _{Lab}	85.41, 21.67, 1.69
CIE _{LCh}	85, 21.736, 4.463
Yxy	66.8100, 0.3482, 0.3168
Android (android.graphics.Color)	4294952915 (0xFFFFC7D3)
YUV	217.1120, -3.0132, 33.2278
Hunter-Lab	81.7374, 17.2987, 5.9658

Details

The XYZ color **73.4213, 66.8100, 70.6539** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.4932, 90.1343, 98.2166**, and the grayscale version is **66.0373, 69.4764, 75.6598**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4999, 34.6909, 36.5124** is the 20% darker color. If you saturate the color by 10%, you get **65.6808, 55.1016, 56.4434**, and if you desaturate by 10%, it is **82.4612, 80.6155, 86.8441**.

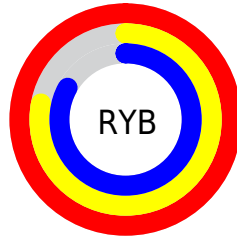
Distribution



Red (100%)

Green (78%)

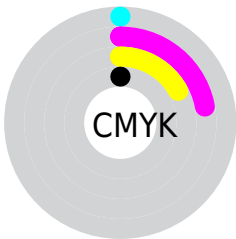
Blue (83%)



Red (100%)

Yellow (78%)

Blue (83%)

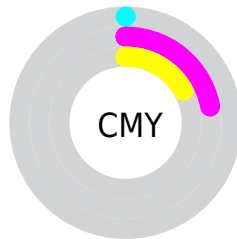


Cyan (0%)

Magenta (22%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4213, 66.8100, 70.6539 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 73.4213, 66.8100, 70.6539 by changing the saturation by 10% instead.


 73.4213, 66.8100,
70.6539

 73.4213, 66.8100,
70.6539


461.5549,
449.2682, 481.6937

 54.6101, 48.9302,
51.5797


123.0750,
114.6481, 121.8306

 39.3223, 34.5641,
36.2902

154.6483,
145.3753, 154.7703

 27.1924, 23.3273,
24.3670


191.2063,
181.1537, 193.1688

 17.8551, 14.8354,
15.3914

233.1144,
222.3677, 237.4447

 10.9451, 8.7039,
8.9448

280.7380,
269.4018, 288.0167

 6.0969, 4.5486,
4.6089


334.4423,


 2.9453, 1.9849,


322.6403, 345.3031


1.9650


394.5928,
382.4676, 409.7226


 1.1249, 0.5987,
0.5336


 0.0458, 0.0000,
0.0000


 73.4213, 66.8100,
70.6539


 73.4213, 66.8100,
70.6539

 65.6808, 55.1016,
56.4434


 82.4612, 80.6155,
86.8441

 59.1746, 45.3792,
44.1317

 92.8521, 96.6049,
105.0823

 53.8388, 37.5345,
33.6384

95.0500, 100.0000,
108.9000

 49.6020, 31.4452,
24.8754

■ 46.3846, 26.9748,
17.7474

■ 44.0960, 23.9660,
12.1491

■ 42.6282, 22.2300,
7.9617

■ 41.9207, 21.5323,
5.5144

Harmonies

Analogous

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



72.4379, 66.8100, 85.0785



73.4213, 66.8100, 70.6539



71.6360, 66.8100, 58.4470

Triad

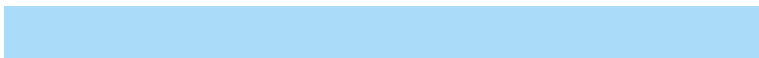
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.4213, 66.8100, 70.6539



58.2897, 66.8100, 52.5904



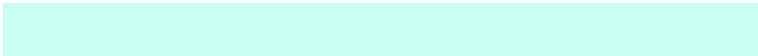
59.5040, 66.8100, 100.0734

Complementary

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



73.4213, 66.8100, 70.6539



75.4932, 90.1343, 98.2166

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.



56.0062, 66.8100, 89.2025



73.4213, 66.8100, 70.6539



55.3310, 66.8100, 61.6646

Square

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



73.4213, 66.8100, 70.6539



62.7666, 66.8100, 48.9104



54.5169, 66.8100, 74.8764



64.2409, 66.8100, 103.2838

Rectangle

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



73.4213, 66.8100, 70.6539



69.1676, 66.8100, 52.8257



54.5169, 66.8100, 74.8764



58.1524, 66.8100, 97.1306

Sweetspot

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



73.4229, 66.8129, 70.6553



87.4409, 88.2646, 95.6268



75.3914, 67.1009, 103.5859



18.5823, 18.6867, 20.2334



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.



73.4229, 66.8129, 70.6553



70.1411, 61.8334, 64.6775



75.8171, 73.9190, 64.3084



18.1686, 18.0507, 19.5049



21.9485, 11.2687, 3.1134



2.1751, 1.1124, 0.5034

Inverse Universe

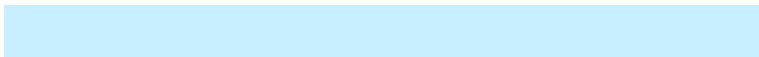
The Inverse Universe completely reimagines the original color for something new.



73.4229, 66.8129, 70.6553



70.1411, 61.8334, 64.6775



72.5109, 81.1751, 106.4544



18.1686, 18.0507, 19.5049



21.9485, 11.2687, 3.1134



2.1751, 1.1124, 0.5034

Previews

White Background



This preview shows how the XYZ color 73.4213, 66.8100, 70.6539 looks on a white background.

Color Contrast Check

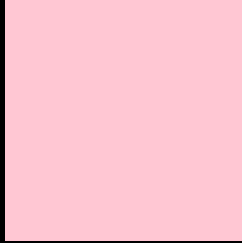
Large Text (above 18pt) WCAG AA × Fail

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 73.4213, 66.8100, 70.6539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

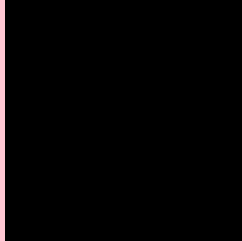
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.4213, 66.8100, 70.6539

Background



This preview shows how black text looks on a background with the XYZ color 73.4213, 66.8100, 70.6539.



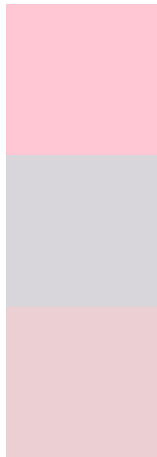
This preview shows how white text looks on a background with the XYZ color 73.4213, 66.8100,

70.6539.

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

73.4213, 66.8100, 70.6539

Protanopia

64.8993, 67.3019, 76.5878

Deuteranopia

68.5378, 67.1117, 70.3143



Tritanopia

73.8010, 66.9619, 72.6535

Trichromacy



Original Color

73.4213, 66.8100, 70.6539

Protanomaly

67.5837, 66.8926, 74.3153

Deuteranomaly

70.1879, 66.8936, 70.1852

Tritanomaly

73.6737, 66.9109, 71.9829

Monochromacy



Original Color

73.4213, 66.8100, 70.6539

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

68.2673, 67.9884, 73.8150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4213, 66.8100, 70.6539 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, 199, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 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, 199, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 211) }
```

Border

The CSS property to change the border of an element to XYZ 73.4213, 66.8100, 70.6539 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, 199, 211) }
```


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

```
.border{ border-color:rgb(255, 199, 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, 199, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4213, 66.8100, 70.6539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 211) }
```

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

```
.background{ background-color: rgb(255,  
199, 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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