

Converting Colors

XYZ(73.4926, 66.8017, 71.1427)

Have a look what the booklet for
XYZ(73.4926, 66.8017, 71.1427)
contains.

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Color

**XYZ(73.5471, 66.8603,
71.3163)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC7D4
RGB	255, 199, 212
RGB Percent	100%, 78%, 83%
CMY	0.0000, 0.2196, 0.1686
CMYK	0.00, 0.22, 0.17, 0.00
HSL	346°, 100%, 89%
HSV	346°, 22%, 100%
XYZ	73.5471, 66.8603, 71.3163
YIQ	217.2260, 29.2030, 15.9150

Conversions

Conversions Part 2

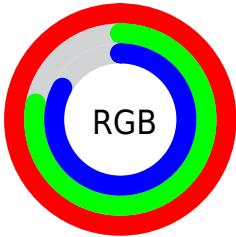
Format	Color
R_{YB}	255, 199, 212
Decimal	16762836
CIE _{Lab}	85.43, 21.82, 1.20
CIE _{LCh}	85, 21.855, 3.137
Yxy	66.8603, 0.3474, 0.3158
Android (android.graphics.Color)	4294952916 (0xFFFFC7D4)
YUV	217.2260, -2.5764, 33.1278
Hunter-Lab	81.7681, 17.4592, 5.5263

Details

The XYZ color **73.5471, 66.8603, 71.3163** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.3425, 90.0740, 97.4232**, and the grayscale version is **66.1128, 69.5558, 75.7462**.

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 **65.8418, 55.1660, 57.2910**, and if you desaturate by 10%, it is **82.5382, 80.6463, 87.2499**.

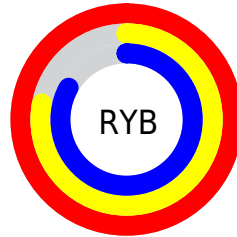
Distribution



Red (100%)

Green (78%)

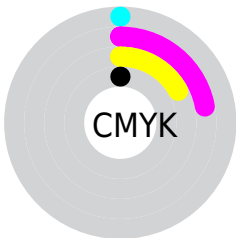
Blue (83%)



Red (100%)

Yellow (78%)

Blue (83%)

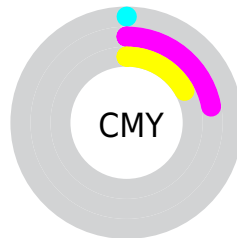


Cyan (0%)

Magenta (22%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5471, 66.8603, 71.3163 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 73.5471, 66.8603, 71.3163 by changing the saturation by 10% instead.


 73.5471, 66.8603,
71.3163

 73.5471, 66.8603,
71.3163


461.9833,
449.4473, 484.0718

 54.7134, 48.9711,
52.1169


123.2525,
114.7202, 122.7826

 39.4052, 34.5966,
36.7154

154.8550,
145.4597, 155.8867

 27.2573, 23.3523,
24.6932


191.4444,
181.2515, 194.4628

 17.9041, 14.8538,
15.6317

233.3861,
222.4798, 238.9294

 10.9804, 8.7169,
9.1124

281.0455,
269.5292, 289.7050

 6.1209, 4.5570,
4.7167

334.7879,

 2.9601, 1.9897,

322.7840, 347.2083

2.0262

394.9787,
382.6286, 411.8577

■ 1.1327, 0.6015,
0.5713

■ 0.0522, 0.0000,
0.0000

■ 73.5471, 66.8603,
71.3163

■ 73.5471, 66.8603,
71.3163

■ 65.8418, 55.1660,
57.2910

■ 82.5382, 80.6463,
87.2499

■ 59.3580, 45.4526,
45.0975

■ 92.8661, 96.6104,
105.1564

■ 54.0328, 37.6120,
34.6598

95.0500, 100.0000,
108.9000

■ 49.7956, 31.5227,
25.8951

■ 46.5681, 27.0481,
18.7134

■ 44.2606, 24.0318,
13.0159

■ 42.7667, 22.2854,
8.6912

■ 42.0341, 21.5777,
6.1118

Harmonies

Analogous

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



72.4349, 66.8603, 85.8416



73.5471, 66.8603, 71.3163



71.8674, 66.8603, 58.8762

Triad

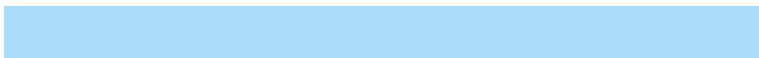
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.5471, 66.8603, 71.3163



58.4804, 66.8603, 52.2535



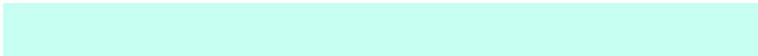
59.3391, 66.8603, 99.9621

Complementary

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



73.5471, 66.8603, 71.3163



75.3425, 90.0740, 97.4232

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.



55.8981, 66.8603, 88.7611



73.5471, 66.8603, 71.3163



55.4207, 66.8603, 61.1502

Square

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



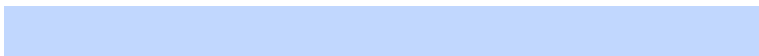
73.5471, 66.8603, 71.3163



63.0287, 66.8603, 48.8067



54.5002, 66.8603, 74.3031



64.0716, 66.8603, 103.5932

Rectangle

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



73.5471, 66.8603, 71.3163



69.4389, 66.8603, 53.0739



54.5002, 66.8603, 74.3031



58.0014, 66.8603, 96.8915

Sweetspot

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



73.5487, 66.8632, 71.3177



87.4886, 88.2837, 95.8778



75.0704, 66.9353, 103.5709



18.5934, 18.6911, 20.2914



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.



73.5487, 66.8632, 71.3177



70.2827, 61.8901, 65.4232



75.5803, 73.4455, 64.2294



18.1821, 18.0561, 19.5759



22.0107, 11.2936, 3.4409



2.1829, 1.1155, 0.5446

Inverse Universe

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



73.5487, 66.8632, 71.3177



70.2827, 61.8901, 65.4232



72.7850, 81.7233, 106.5457



18.1821, 18.0561, 19.5759



22.0107, 11.2936, 3.4409



2.1829, 1.1155, 0.5446

Previews

White Background



This preview shows how the XYZ color 73.5471, 66.8603, 71.3163 looks on a white background.

Color Contrast Check

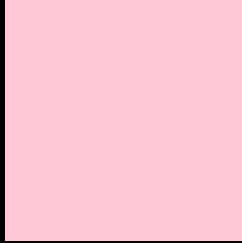
Large Text (above 18pt) WCAG AA × Fail

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 73.5471, 66.8603, 71.3163 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 73.5471, 66.8603, 71.3163

Background



This preview shows how black text looks on a background with the XYZ color 73.5471, 66.8603, 71.3163.

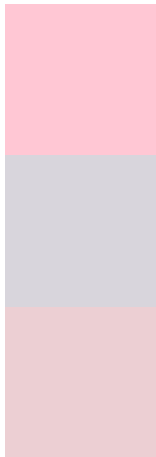


This preview shows how white text looks on a background with the XYZ color 73.5471, 66.8603,

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

73.5471, 66.8603, 71.3163

Protanopia

65.0314, 67.3547, 77.2834

Deuteranopia

68.6628, 67.1617, 70.9726



Tritanopia

73.8010, 66.9619, 72.6535

Trichromacy



Original Color

73.5471, 66.8603, 71.3163

Protanomaly

67.7134, 66.9445, 74.9983

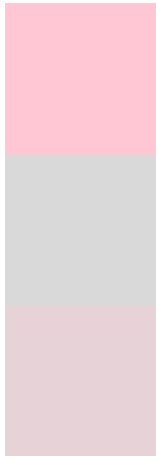
Deuteranomaly

70.3129, 66.9436, 70.8435

Tritanomaly

73.6737, 66.9109, 71.9829

Monochromacy



Original Color

73.5471, 66.8603, 71.3163

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 73.5471, 66.8603, 71.3163 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 212) }
```

Border

The CSS property to change the border of an element to XYZ 73.5471, 66.8603, 71.3163 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, 212) }
```


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

```
.border{ border-color:rgb(255, 199, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5471, 66.8603, 71.3163 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, 212) }
```

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

```
.background{ background-color: rgb(255,  
199, 212) }
```

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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