

Converting Colors

XYZ(136.9710, 100.0000,
74.2225)

Have a look what the booklet for
XYZ(136.9710, 100.0000, 74.2225)
contains.

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Color

**XYZ(73.7779, 67.3220,
71.3933)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC8D4
RGB	255, 200, 212
RGB Percent	100%, 78%, 83%
CMY	0.0000, 0.2157, 0.1686
CMYK	0.00, 0.22, 0.17, 0.00
HSL	347°, 100%, 89%
HSV	347°, 22%, 100%
XYZ	73.7779, 67.3220, 71.3933
YIQ	217.8130, 28.9280, 15.3920

Conversions

Conversions Part 2

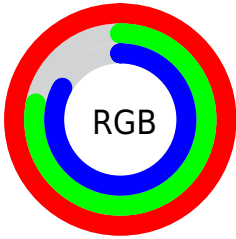
Format	Color
R _Y B	255, 200, 212
Decimal	16763092
CIE Lab	85.67, 21.30, 1.53
CIE LCh	86, 21.353, 4.122
Yxy	67.3220, 0.3472, 0.3168
Android (android.graphics.Color)	4294953172 (0xFFFFC8D4)
YUV	217.8130, -2.8658, 32.6130
Hunter-Lab	82.0500, 16.9166, 5.8456

Details

The XYZ color **73.7779, 67.3220, 71.3933** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.7594, 90.2716, 98.2290**, and the grayscale version is **66.5183, 69.9825, 76.2109**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6534, 34.9979, 36.5636** is the 20% darker color. If you saturate the color by 10%, you get **65.9955, 55.5366, 57.1473**, and if you desaturate by 10%, it is **82.8591, 81.2073, 87.6062**.

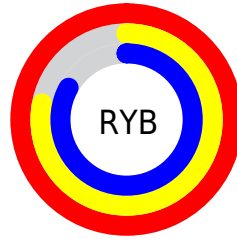
Distribution



Red (100%)

Green (78%)

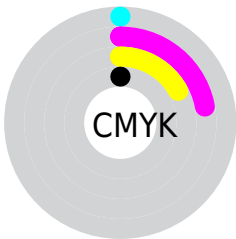
Blue (83%)



Red (100%)

Yellow (78%)

Blue (83%)

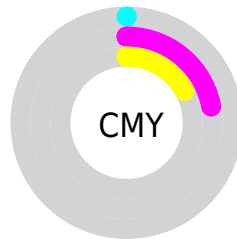


Cyan (0%)

Magenta (22%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.7779, 67.3220, 71.3933 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 73.7779, 67.3220, 71.3933 by changing the saturation by 10% instead.


 73.7779, 67.3220,
71.3933

 73.7779, 67.3220,
71.3933


462.7686,
451.0901, 484.3478

 54.9029, 49.3464,
52.1794


123.5781,
115.3817, 122.8933

 39.5575, 34.8943,
36.7649

155.2340,
146.2345, 156.0164

 27.3764, 23.5815,
24.7311


191.8810,
182.1485, 194.6131

 17.9942, 15.0234,
15.6597

233.8843,
223.5081, 239.1018

 11.0455, 8.8358,
9.1319

281.6094,
270.6976, 289.9010

 6.1649, 4.6343,
4.7293

335.4216,

 2.9872, 2.0343,

324.1016, 347.4294

2.0334

395.6862,
384.1042, 412.1055

■ 1.1470, 0.6273,
0.5757

■ 0.0639, 0.0000,
0.0000

■ 73.7779, 67.3220,
71.3933

■ 73.7779, 67.3220,
71.3933

■ 65.9955, 55.5366,
57.1473

■ 82.8591, 81.2073,
87.6062

■ 59.4469, 45.7402,
44.7885

■ 93.2903, 97.2787,
105.8533

■ 54.0688, 37.8250,
34.2376

95.0500, 100.0000,
108.9000

■ 49.7902, 31.6693,
25.4080

■ 46.5322, 27.1373,
18.2059

■ 44.2049, 24.0728,
12.5277

■ 42.7015, 22.2887,
8.2572

■ 41.9446, 21.5418,
5.6402

Harmonies

Analogous

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



72.7778, 67.3220, 85.6267



73.7779, 67.3220, 71.3933



72.0476, 67.3220, 59.2784

Triad

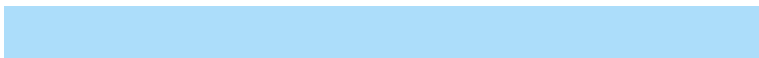
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7779, 67.3220, 71.3933



58.8825, 67.3220, 53.2868



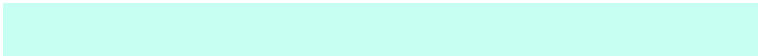
59.9913, 67.3220, 100.1428

Complementary

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



73.7779, 67.3220, 71.3933



75.7594, 90.2716, 98.2290

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.



56.5522, 67.3220, 89.3798



73.7779, 67.3220, 71.3933



55.9352, 67.3220, 62.2209

Square

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



73.7779, 67.3220, 71.3933



63.3175, 67.3220, 49.6980



55.1040, 67.3220, 75.2449



64.6623, 67.3220, 103.3994

Rectangle

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



73.7779, 67.3220, 71.3933



69.6274, 67.3220, 53.6683



55.1040, 67.3220, 75.2449



58.6607, 67.3220, 97.2212

Sweetspot

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



73.7795, 67.3249, 71.3947



88.4951, 89.8770, 97.5073



75.3814, 67.4384, 103.6516



18.7953, 19.0120, 20.6148



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.



73.7795, 67.3249, 71.3947



70.1719, 61.8457, 64.8397



75.8828, 73.8640, 64.9051



18.1715, 18.0519, 19.5204



21.9616, 11.2739, 3.1825



2.1768, 1.1131, 0.5122

Inverse Universe

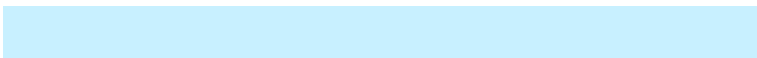
The Inverse Universe completely reimagines the original color for something new.



73.7795, 67.3249, 71.3947



70.1719, 61.8457, 64.8397



73.1299, 82.0178, 106.5844



18.1715, 18.0519, 19.5204



21.9616, 11.2739, 3.1825



2.1768, 1.1131, 0.5122

Previews

White Background



This preview shows how the XYZ color 73.7779, 67.3220, 71.3933 looks on a white background.

Color Contrast Check

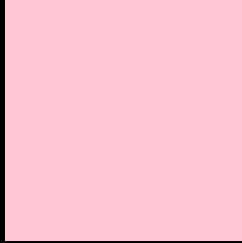
Large Text (above 18pt) WCAG AA × Fail

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 73.7779, 67.3220, 71.3933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

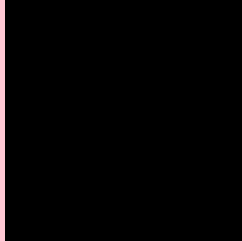
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.7779, 67.3220, 71.3933

Background



This preview shows how black text looks on a background with the XYZ color 73.7779, 67.3220, 71.3933.

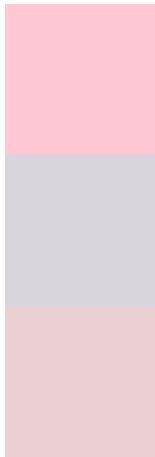


This preview shows how white text looks on a background with the XYZ color 73.7779, 67.3220,

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

73.7779, 67.3220, 71.3933

Protanopia

65.3278, 67.5075, 77.2973

Deuteranopia

68.6628, 67.1617, 70.9726



Tritanopia

74.1600, 67.4748, 73.4053

Trichromacy



Original Color

73.7779, 67.3220, 71.3933

Protanomaly

68.0353, 67.1104, 75.0134

Deuteranomaly

70.3129, 66.9436, 70.8435

Tritanomaly

74.0319, 67.4236, 72.7305

Monochromacy



Original Color

73.7779, 67.3220, 71.3933

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.6439, 68.5353, 74.5765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7779, 67.3220, 71.3933 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, 200, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 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, 200, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 212) }
```

Border

The CSS property to change the border of an element to XYZ 73.7779, 67.3220, 71.3933 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, 200, 212) }
```


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

```
.border{ border-color:rgb(255, 200, 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, 200, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7779, 67.3220, 71.3933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 212) }
```

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

```
.background{ background-color: rgb(255,  
200, 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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