

Converting Colors

XYZ(73.9977, 66.7417, 74.6103)

Have a look what the booklet for
XYZ(73.9977, 66.7417, 74.6103)
contains.

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Color

**XYZ(73.9585, 66.6579,
74.6139)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC6D9
RGB	255, 198, 217
RGB Percent	100%, 78%, 85%
CMY	0.0000, 0.2235, 0.1490
CMYK	0.00, 0.22, 0.15, 0.00
HSL	340°, 100%, 89%
HSV	340°, 22%, 100%
XYZ	73.9585, 66.6579, 74.6139
YIQ	217.2090, 27.8730, 17.9930

Conversions

Conversions Part 2

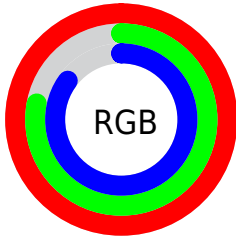
Format	Color
R _Y B	255, 198, 217
Decimal	16762585
CIE Lab	85.33, 23.12, -1.62
CIE LCh	85, 23.175, 355.997
Yxy	66.6579, 0.3436, 0.3097
Android (android.graphics.Color)	4294952665 (0xFFFFC6D9)
YUV	217.2090, -0.1030, 33.1427
Hunter-Lab	81.6443, 18.8189, 2.9665

Details

The XYZ color **73.9585, 66.6579, 74.6139** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.1913, 89.5830, 92.7413**, and the grayscale version is **66.0853, 69.5269, 75.7148**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7835, 34.5609, 38.7565** is the 20% darker color. If you saturate the color by 10%, you get **66.5144, 55.1282, 61.7788**, and if you desaturate by 10%, it is **82.6147, 80.2468, 88.9787**.

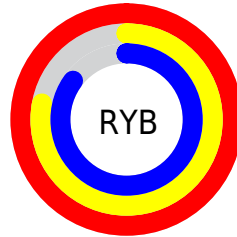
Distribution



Red (100%)

Green (78%)

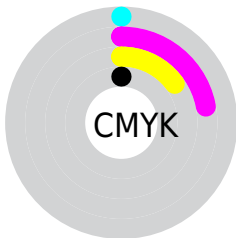
Blue (85%)



Red (100%)

Yellow (78%)

Blue (85%)

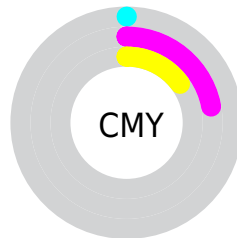


Cyan (0%)

Magenta (22%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (22%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.9585, 66.6579, 74.6139 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 73.9585, 66.6579, 74.6139 by changing the saturation by 10% instead.

 73.9585, 66.6579,
74.6139

 73.9585, 66.6579,
74.6139


463.3826,
448.7261, 495.8094

 55.0512, 48.8067,
54.7968


123.8328,
114.4301, 127.5077

 39.6767, 34.4661,
38.8416

155.5305,
145.1198, 161.4216

 27.4697, 23.2519,
26.3296


192.2225,
180.8578, 200.8714

 18.0647, 14.7796,
16.8424

234.2740,
222.0285, 246.2758

 11.0964, 8.6649,
9.9614

282.0504,
269.0163, 298.0532

 6.1995, 4.5232,
5.2681

335.9171,

 3.0086, 1.9704,

322.2056, 356.6223

2.3439

396.2394,
381.9807, 422.4015

■ 1.1583, 0.5902,
0.7557

■ 0.0731, 0.0000,
0.0000

■ 73.9585, 66.6579,
74.6139

■ 73.9585, 66.6579,
74.6139

■ 66.5144, 55.1282,
61.7788

■ 82.6147, 80.2468,
88.9787

■ 60.2218, 45.5482,
50.4169

■ 92.5307, 95.9803,
104.9190

■ 55.0218, 37.8111,
40.4737

95.0500, 100.0000,
108.9000

■ 50.8480, 31.7967,
31.8898

■ 47.6265, 27.3697,
24.6009

■ 45.2728, 24.3749,
18.5366

■ 43.6858, 22.6248,
13.6181

■ 42.8792, 21.9157,
10.5621

Harmonies

Analogous

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



72.0900, 66.6579, 89.9588



73.9585, 66.6579, 74.6139



72.8599, 66.6579, 60.6410

Triad

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



73.9585, 66.6579, 74.6139



59.0378, 66.6579, 49.5913



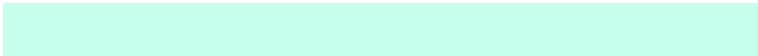
57.8822, 66.6579, 99.2525

Complementary

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



73.9585, 66.6579, 74.6139



74.1913, 89.5830, 92.7413

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.



54.7173, 66.6579, 85.9895



73.9585, 66.6579, 74.6139



55.3582, 66.6579, 57.5957

Square

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



73.9585, 66.6579, 74.6139



64.0629, 66.6579, 47.4116



53.8191, 66.6579, 70.5817



62.6550, 66.6579, 105.3717

Rectangle

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



73.9585, 66.6579, 74.6139



70.6236, 66.6579, 53.7230



53.8191, 66.6579, 70.5817



56.6055, 66.6579, 95.3997

Sweetspot

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



73.9600, 66.6607, 74.6153



87.7603, 88.3923, 97.3085



72.8382, 65.4441, 103.4007



18.6561, 18.7162, 20.6220



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.



73.9600, 66.6607, 74.6153



70.3511, 61.0493, 68.4603



73.8691, 70.2082, 63.0879



18.2591, 18.0869, 19.9814



22.4669, 11.4760, 5.8429



2.2358, 1.1367, 0.8231

Inverse Universe

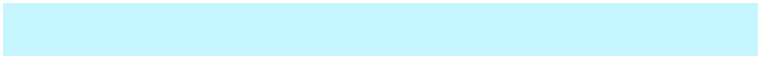
The Inverse Universe completely reimagines the original color for something new.



73.9600, 66.6607, 74.6153



70.3511, 61.0493, 68.4603



74.1445, 84.8350, 107.0747



18.2591, 18.0869, 19.9814



22.4669, 11.4760, 5.8429



2.2358, 1.1367, 0.8231

Previews

White Background



This preview shows how the XYZ color 73.9585, 66.6579, 74.6139 looks on a white background.

Color Contrast Check

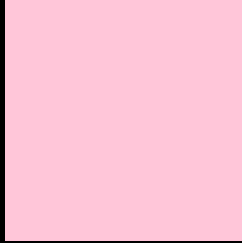
Large Text (above 18pt) WCAG AA × Fail

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 73.9585, 66.6579, 74.6139 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 73.9585, 66.6579, 74.6139

Background



This preview shows how black text looks on a background with the XYZ color 73.9585, 66.6579, 74.6139.



This preview shows how white text looks on a background with the XYZ color 73.9585, 66.6579,

74.6139.

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

73.9585, 66.6579, 74.6139

Protanopia

64.8656, 66.8194, 80.7128

Deuteranopia

68.1828, 66.8556, 73.6008



Tritanopia

73.8010, 66.9619, 72.6535

Trichromacy



Original Color

73.9585, 66.6579, 74.6139

Protanomaly

67.8107, 66.5576, 78.3801

Deuteranomaly

70.2632, 66.8444, 74.1647

Tritanomaly

73.9292, 67.0131, 73.3283

Monochromacy



Original Color

73.9585, 66.6579, 74.6139

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

68.5260, 68.0919, 75.1770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9585, 66.6579, 74.6139 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, 198, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 217)  
}
```

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, 198, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 217) }
```

Border

The CSS property to change the border of an element to XYZ 73.9585, 66.6579, 74.6139 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, 198, 217) }
```


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

```
.border{ border-color:rgb(255, 198, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 198, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9585, 66.6579, 74.6139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 217) }
```

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

```
.background{ background-color: rgb(255,  
198, 217) }
```

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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