

Converting Colors

XYZ(73.0703, 66.0971, 79.3937)

Have a look what the booklet for
XYZ(73.0703, 66.0971, 79.3937)
contains.

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Color

**XYZ(73.0730, 66.0940,
79.4271)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC6E0
RGB	250, 198, 224
RGB Percent	98%, 78%, 88%
CMY	0.0196, 0.2235, 0.1216
CMYK	0.00, 0.21, 0.10, 0.02
HSL	330°, 84%, 88%
HSV	330°, 21%, 98%
XYZ	73.0730, 66.0940, 79.4271
YIQ	216.5120, 22.6460, 19.1100

Conversions

Conversions Part 2

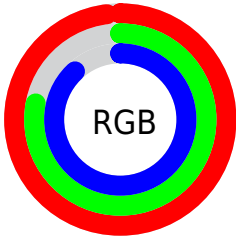
Format	Color
R _Y B	250, 198, 224
Decimal	16434912
CIE Lab	85.04, 22.51, -5.82
CIE LCh	85, 23.252, 345.493
Yxy	66.0940, 0.3343, 0.3024
Android (android.graphics.Color)	4294624992 (0xFFFA C6E0)
YUV	216.5120, 3.6916, 29.3690
Hunter-Lab	81.2982, 18.1687, -1.0167

Details

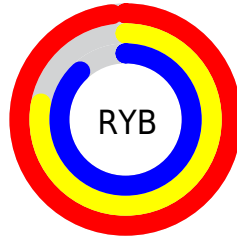
The XYZ color **73.0730, 66.0940, 79.4271** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.9315, 85.7606, 83.3400**, and the grayscale version is **65.5858, 69.0014, 75.1425**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1270, 34.1485, 42.0652** is the 20% darker color. If you saturate the color by 10%, you get **66.1901, 54.9418, 69.0736**, and if you desaturate by 10%, it is **81.0275, 79.1881, 90.7544**.

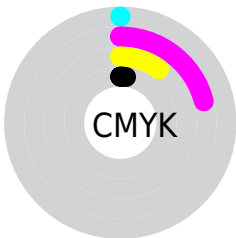
Distribution



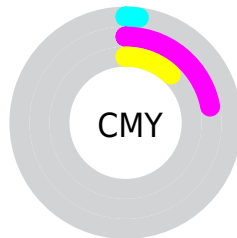
- Red (98%)
- Green (78%)
- Blue (88%)



- Red (98%)
- Yellow (78%)
- Blue (88%)



- Cyan (0%)
- Magenta (21%)
- Yellow (10%)
- Black (2%)





- Cyan (2%)
- Magenta (22%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.0730, 66.0940, 79.4271 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 73.0730, 66.0940, 79.4271 by changing the saturation by 10% instead.


 73.0730, 66.0940,
79.4271

 73.0730, 66.0940,
79.4271


460.3677,
446.7130, 512.6558

 54.3242, 48.3487,
58.7236


122.5834,
113.6212, 134.3641

 39.0927, 34.1031,
41.9721

154.0758,
144.1720, 169.4347

 27.0129, 22.9728,
28.7541


190.5467,
179.7600, 210.1314

 17.7195, 14.5734,
18.6509

232.3616,
220.7697, 256.8728

 10.8473, 8.5206,
11.2440

279.8858,
267.5854, 310.0774

 6.0308, 4.4298,
6.1150

333.4846,

 2.9046, 1.9168,

320.5916, 370.1637

2.8452

393.5235,
380.1727, 437.5503

■ 1.1035, 0.5584,
1.0162

■ 0.0281, 0.0000,
0.0000

■ 73.0730, 66.0940,
79.4271

■ 73.0730, 66.0940,
79.4271

■ 66.1901, 54.9418,
69.0736

■ 81.0275, 79.1881,
90.7544

■ 60.3242, 45.6293,
59.6602

■ 90.0935, 94.3025,
103.0792

■ 55.4244, 38.0579,
51.1572

■ 93.2347, 99.0642,
108.8150

■ 51.4326, 32.1165,
43.5311

■ 48.2845, 27.6807,
36.7460

■ 45.9063, 24.6083,
30.7619

■ 44.2104, 22.7288,
25.5339

■ 43.1258, 21.8046,
21.3345

Harmonies

Analogous

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



70.2724, 66.0940, 94.1129



73.0730, 66.0940, 79.4271



73.0234, 66.0940, 64.5392

Triad

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



73.0730, 66.0940, 79.4271



60.1709, 66.0940, 47.6157



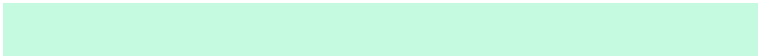
56.0281, 66.0940, 94.5330

Complementary

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



73.0730, 66.0940, 79.4271



70.9315, 85.7606, 83.3400

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.



53.6149, 66.0940, 79.9399



73.0730, 66.0940, 79.4271



55.9147, 66.0940, 53.5970

Square

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



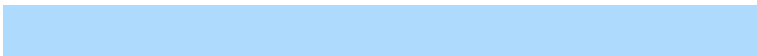
73.0730, 66.0940, 79.4271



65.3745, 66.0940, 47.5182



53.5746, 66.0940, 64.9858



60.3336, 66.0940, 103.6210

Rectangle

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



73.0730, 66.0940, 79.4271



71.3733, 66.0940, 56.4980



53.5746, 66.0940, 64.9858



54.9795, 66.0940, 90.0251

Sweetspot

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



73.0749, 66.0970, 79.4285



89.1543, 90.1407, 100.9786



68.1925, 63.1409, 99.0367



18.9509, 19.0742, 21.4340



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.



73.0749, 66.0970, 79.4285



73.2612, 63.9651, 78.3838



69.8139, 64.7926, 62.2563



17.6066, 17.3700, 19.7838



22.9477, 11.5948, 11.6989



2.1789, 1.0953, 1.3653

Inverse Universe

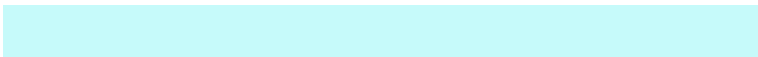
The Inverse Universe completely reimagines the original color for something new.



73.0749, 66.0970, 79.4285



73.2612, 63.9651, 78.3838



74.7317, 87.2807, 103.3515



17.6066, 17.3700, 19.7838



22.9477, 11.5948, 11.6989



2.1789, 1.0953, 1.3653

Previews

White Background



This preview shows how the XYZ color 73.0730, 66.0940, 79.4271 looks on a white background.

Color Contrast Check

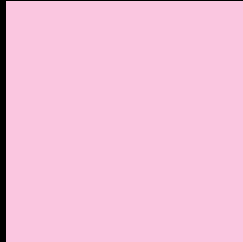
Large Text (above 18pt) WCAG AA × Fail

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 73.0730, 66.0940, 79.4271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

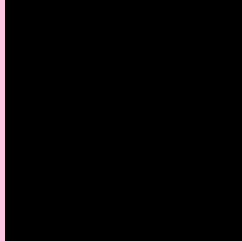
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.0730, 66.0940, 79.4271

Background



This preview shows how black text looks on a background with the XYZ color 73.0730, 66.0940, 79.4271.



This preview shows how white text looks on a background with the XYZ color 73.0730, 66.0940,

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

73.0730, 66.0940, 79.4271

Protanopia

64.7237, 66.2636, 85.7228

Deuteranopia

67.5692, 66.0746, 78.2996



Tritanopia

71.9869, 66.3546, 73.3036

Trichromacy



Original Color

73.0730, 66.0940, 79.4271

Protanomaly

67.2655, 65.8073, 83.2855

Deuteranomaly

69.6003, 66.0441, 78.8915

Tritanomaly

72.1452, 66.0485, 75.2758

Monochromacy



Original Color

73.0730, 66.0940, 79.4271

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

68.2780, 67.9185, 77.2211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0730, 66.0940, 79.4271 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(250, 198, 224)` looks like.

```
.text, #text, p{  
    color:rgb(250, 198, 224)  
}
```

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(250, 198, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 198, 224) }
```

Border

The CSS property to change the border of an element to XYZ 73.0730, 66.0940, 79.4271 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(250, 198, 224) }
```


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

```
.border{ border-color:rgb(250, 198, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 198, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 198, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 198, 224);  
box-shadow:4px 4px 4px 4px rgb(250, 198,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0730, 66.0940, 79.4271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 198, 224) }
```

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

```
.background{ background-color: rgb(250,  
198, 224) }
```

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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