

Converting Colors

XYZ(74.1740, 65.0957, 76.1189)

Have a look what the booklet for
XYZ(74.1740, 65.0957, 76.1189)
contains.

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Color

**XYZ(73.2282, 64.5672,
76.3133)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC1DC
RGB	255, 193, 220
RGB Percent	100%, 76%, 86%
CMY	0.0000, 0.2431, 0.1373
CMYK	0.00, 0.24, 0.14, 0.00
HSL	334°, 100%, 88%
HSV	334°, 24%, 100%
XYZ	73.2282, 64.5672, 76.3133
YIQ	214.6160, 28.2850, 21.5410

Conversions

Conversions Part 2

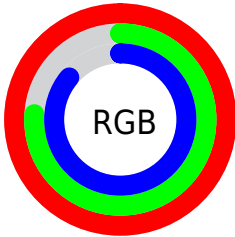
Format	Color
R _Y B	255, 193, 220
Decimal	16761308
CIE Lab	84.26, 26.21, -4.79
CIE LCh	84, 26.649, 349.640
Yxy	64.5672, 0.3420, 0.3016
Android (android.graphics.Color)	4294951388 (0xFFFFC1DC)
YUV	214.6160, 2.6543, 35.4168
Hunter-Lab	80.3537, 22.0522, -0.0611

Details

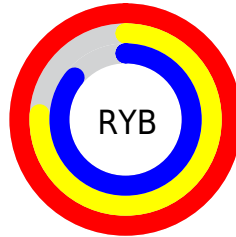
The XYZ color **73.2282, 64.5672, 76.3133** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.7581, 88.4599, 86.6947**, and the grayscale version is **64.3023, 67.6511, 73.6720**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **39.3129, 33.1876, 39.9311** is the 20% darker color. If you saturate the color by 10%, you get **66.2443, 53.5203, 64.9804**, and if you desaturate by 10%, it is **81.3513, 77.6290, 88.8377**.

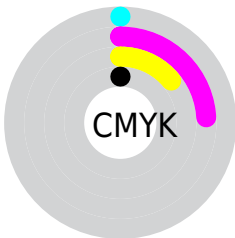
Distribution



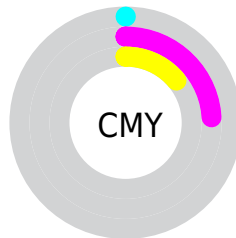
- Red (100%)
- Green (76%)
- Blue (86%)



- Red (100%)
- Yellow (76%)
- Blue (86%)



- Cyan (0%)
- Magenta (24%)
- Yellow (14%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.2282, 64.5672, 76.3133 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 73.2282, 64.5672, 76.3133 by changing the saturation by 10% instead.


 73.2282, 64.5672,
76.3133

 73.2282, 64.5672,
76.3133


460.8969,
441.2350, 501.7949

 54.4516, 47.1102,
56.1813


 122.8025,
111.4274, 129.9338

 39.1949, 33.1228,
39.9433

154.3309,
141.5994, 164.2594

 27.0928, 22.2205,
27.1809


190.8407,
176.7785, 204.1532

 17.7799, 14.0190,
17.4755

232.6971,
217.3492, 250.0338

 10.8908, 8.1339,
10.4085

280.2656,
263.6958, 302.3197

 6.0602, 4.1808,
5.5615


333.9115,


 2.9227, 1.7752,


316.2027, 361.4295


2.5159


394.0001,
375.2543, 427.7817


 1.1130, 0.4716,
0.8486


 0.0360, 0.0000,
0.0000


 73.2282, 64.5672,
76.3133


 73.2282, 64.5672,
76.3133

 66.2443, 53.5203,
64.9804


 81.3513, 77.6290,
88.8377

 60.3409, 44.3786,
54.7966

 90.6591, 92.7916,
102.5859

 55.4611, 37.0346,
45.7226

95.0500, 100.0000,
108.9000

 51.5403, 31.3667,
37.7150

■ 48.5064, 27.2377,
30.7265

■ 46.2760, 24.4888,
24.7051

■ 44.7475, 22.9253,
19.5915

■ 44.1114, 22.4086,
17.0507

Harmonies

Analogous

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



70.4329, 64.5672, 93.5303



73.2282, 64.5672, 76.3133



72.6947, 64.5672, 59.9309

Triad

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



73.2282, 64.5672, 76.3133



57.6319, 64.5672, 43.9113



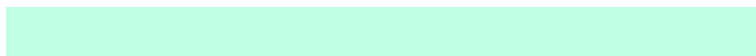
54.3068, 64.5672, 98.1025

Complementary

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



73.2282, 64.5672, 76.3133



71.7581, 88.4599, 86.6947

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.



51.2857, 64.5672, 81.8071



73.2282, 64.5672, 76.3133



53.1184, 64.5672, 51.2792

Square

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



73.2282, 64.5672, 76.3133



63.4335, 64.5672, 42.9239



50.8650, 64.5672, 64.6163



59.3501, 64.5672, 107.3822

Rectangle

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



73.2282, 64.5672, 76.3133



70.5334, 64.5672, 51.5331



50.8650, 64.5672, 64.6163



53.0352, 64.5672, 93.1524

Sweetspot

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



73.2297, 64.5700, 76.3146



88.0373, 88.5031, 98.7671



68.8323, 61.7102, 102.8911



18.7202, 18.7419, 20.9594



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.



73.2297, 64.5700, 76.3146



69.8162, 59.1450, 70.8547



70.6301, 64.6381, 59.2094



18.3378, 18.1185, 20.3962



23.1209, 11.7377, 9.2873



2.3049, 1.1643, 1.1869

Inverse Universe

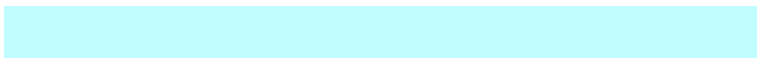
The Inverse Universe completely reimagines the original color for something new.



73.2297, 64.5700, 76.3146



69.8162, 59.1450, 70.8547



74.8230, 88.1164, 107.6723



18.3378, 18.1185, 20.3962



23.1209, 11.7377, 9.2873



2.3049, 1.1643, 1.1869

Previews

White Background



This preview shows how the XYZ color 73.2282, 64.5672, 76.3133 looks on a white background.

Color Contrast Check

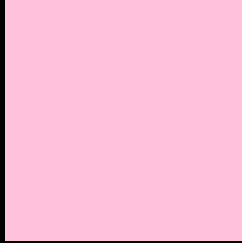
Large Text (above 18pt) WCAG AA × Fail

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 73.2282, 64.5672, 76.3133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

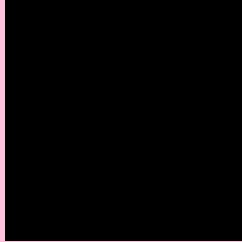
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.2282, 64.5672, 76.3133

Background



This preview shows how black text looks on a background with the XYZ color 73.2282, 64.5672, 76.3133.



This preview shows how white text looks on a background with the XYZ color 73.2282, 64.5672,

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

73.2282, 64.5672, 76.3133

Protanopia

63.3779, 64.8694, 84.0436

Deuteranopia

66.2427, 64.7417, 75.3347



Tritanopia

72.0210, 64.7542, 69.6757

Trichromacy



Original Color

73.2282, 64.5672, 76.3133

Protanomaly

66.4474, 64.3716, 80.8743

Deuteranomaly

68.7004, 64.6002, 75.8660

Tritanomaly

72.3024, 64.5094, 72.2591

Monochromacy



Original Color

73.2282, 64.5672, 76.3133

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

67.4703, 66.4584, 74.9173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2282, 64.5672, 76.3133 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, 193, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 220)  
}
```

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, 193, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 220) }
```

Border

The CSS property to change the border of an element to XYZ 73.2282, 64.5672, 76.3133 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, 193, 220) }
```


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

```
.border{ border-color:rgb(255, 193, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2282, 64.5672, 76.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 220) }
```

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

```
.background{ background-color: rgb(255,  
193, 220) }
```

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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