

Converting Colors

XYZ(86.6306, 71.5480, 77.4868)

Have a look what the booklet for
XYZ(86.6306, 71.5480, 77.4868)
contains.

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Color

**XYZ(73.3611, 64.6204,
77.0130)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC1DD
RGB	255, 193, 221
RGB Percent	100%, 76%, 87%
CMY	0.0000, 0.2431, 0.1333
CMYK	0.00, 0.24, 0.13, 0.00
HSL	333°, 100%, 88%
HSV	333°, 24%, 100%
XYZ	73.3611, 64.6204, 77.0130
YIQ	214.7300, 27.9640, 21.8520

Conversions

Conversions Part 2

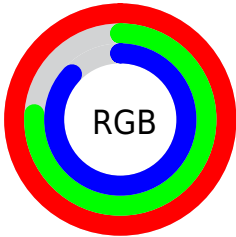
Format	Color
R_{YB}	255, 193, 221
Decimal	16761309
CIE _{Lab}	84.29, 26.37, -5.29
CIE _{LCh}	84, 26.897, 348.666
Yxy	64.6204, 0.3412, 0.3006
Android (android.graphics.Color)	4294951389 (0xFFFFC1DD)
YUV	214.7300, 3.0911, 35.3168
Hunter-Lab	80.3868, 22.2224, -0.5308

Details

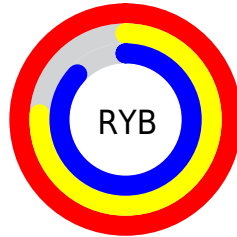
The XYZ color **73.3611, 64.6204, 77.0130** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.6197, 88.4046, 85.9656**, and the grayscale version is **64.3767, 67.7292, 73.7572**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **39.4043, 33.2242, 40.4125** is the 20% darker color. If you saturate the color by 10%, you get **66.4161, 53.5890, 65.8852**, and if you desaturate by 10%, it is **81.4362, 77.6631, 89.2849**.

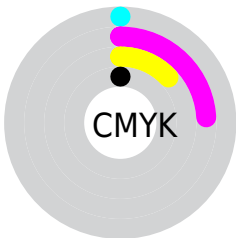
Distribution



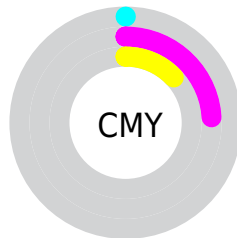
- Red (100%)
- Green (76%)
- Blue (87%)



- Red (100%)
- Yellow (76%)
- Blue (87%)



- Cyan (0%)
- Magenta (24%)
- Yellow (13%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3611, 64.6204, 77.0130 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 73.3611, 64.6204, 77.0130 by changing the saturation by 10% instead.


 73.3611, 64.6204,
77.0130

 73.3611, 64.6204,
77.0130


461.3498,
441.4266, 504.2472

 54.5607, 47.1533,
56.7519


 122.9901,
111.5039, 130.9310

 39.2826, 33.1569,
40.3981


154.5494,
141.6892, 165.4250

 27.1613, 22.2467,
27.5329


191.0923,
176.8827, 205.5004

 17.8316, 14.0383,
17.7379

232.9843,
217.4687, 251.5758

 10.9281, 8.1473,
10.5945

280.5907,
263.8317, 304.0696

 6.0855, 4.1893,
5.6841

334.2769,

 2.9383, 1.7800,

316.3561, 363.4004

2.5883

394.4081,
375.4263, 429.9867

■ 1.1212, 0.4747,
0.8864

■ 0.0427, 0.0000,
0.0000

■ 73.3611, 64.6204,
77.0130

■ 73.3611, 64.6204,
77.0130

■ 66.4161, 53.5890,
65.8852

■ 81.4362, 77.6631,
89.2849

■ 60.5431, 44.4595,
55.8612

■ 90.6868, 92.8028,
102.7316

■ 55.6853, 37.1244,
46.9035

95.0500, 100.0000,
108.9000

■ 51.7788, 31.4621,
38.9707

■ 48.7517, 27.3358,
32.0180

■ 46.5210, 24.5868,
25.9956

■ 44.9858, 23.0206,
20.8467

■ 44.3433, 22.5013,
18.2717

Harmonies

Analogous

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



70.4371, 64.6204, 94.3509



73.3611, 64.6204, 77.0130



72.9347, 64.6204, 60.3662

Triad

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



73.3611, 64.6204, 77.0130



57.8229, 64.6204, 43.6118



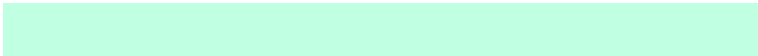
54.1545, 64.6204, 98.0077

Complementary

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



73.3611, 64.6204, 77.0130



71.6197, 88.4046, 85.9656

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.



51.1854, 64.6204, 81.4015



73.3611, 64.6204, 77.0130



53.2068, 64.6204, 50.8263

Square

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



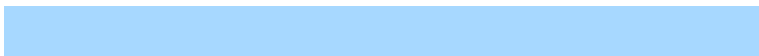
73.3611, 64.6204, 77.0130



63.7006, 64.6204, 42.8265



50.8501, 64.6204, 64.1028



59.1940, 64.6204, 107.7158

Rectangle

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



73.3611, 64.6204, 77.0130



70.8137, 64.6204, 51.7750



50.8501, 64.6204, 64.1028



52.8956, 64.6204, 92.9339

Sweetspot

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



73.3626, 64.6232, 77.0143



88.0813, 88.5207, 98.9987



68.5072, 61.5426, 102.8759



18.7304, 18.7459, 21.0130



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.



73.3626, 64.6232, 77.0143



69.9685, 59.2059, 71.6563



70.3977, 64.1733, 59.1320



18.3504, 18.1235, 20.4623



23.2432, 11.7866, 9.9312



2.3173, 1.1693, 1.2523

Inverse Universe

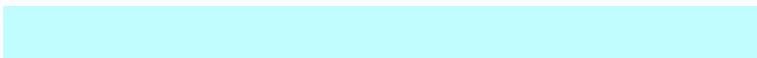
The Inverse Universe completely reimagines the original color for something new.



73.3626, 64.6232, 77.0143



69.9685, 59.2059, 71.6563



75.1482, 88.7669, 107.7807



18.3504, 18.1235, 20.4623



23.2432, 11.7866, 9.9312



2.3173, 1.1693, 1.2523

Previews

White Background



This preview shows how the XYZ color 73.3611, 64.6204, 77.0130 looks on a white background.

Color Contrast Check

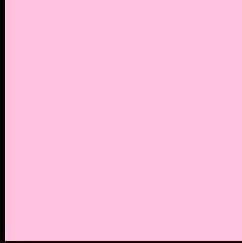
Large Text (above 18pt) WCAG AA × Fail

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 73.3611, 64.6204, 77.0130 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 73.3611, 64.6204, 77.0130

Background



This preview shows how black text looks on a background with the XYZ color 73.3611, 64.6204, 77.0130.



This preview shows how white text looks on a background with the XYZ color 73.3611, 64.6204,

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

73.3611, 64.6204, 77.0130

Protanopia

63.2367, 64.7803, 84.7722

Deuteranopia

66.0576, 64.6311, 76.0113



Tritanopia

72.0210, 64.7542, 69.6757

Trichromacy



Original Color

73.3611, 64.6204, 77.0130

Protanomaly

66.2724, 64.2655, 81.5846

Deuteranomaly

68.4976, 64.4804, 76.5459

Tritanomaly

72.3024, 64.5094, 72.2591

Monochromacy



Original Color

73.3611, 64.6204, 77.0130

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 73.3611, 64.6204, 77.0130 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 221) }
```

Border

The CSS property to change the border of an element to XYZ 73.3611, 64.6204, 77.0130 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, 221) }
```


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

```
.border{ border-color:rgb(255, 193, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3611, 64.6204, 77.0130 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, 221) }
```

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

```
.background{ background-color: rgb(255,  
193, 221) }
```

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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