

Converting Colors

XYZ(77.1847, 64.1531, 76.8243)

Have a look what the booklet for XYZ(77.1847, 64.1531, 76.8243) contains.

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Color

**XYZ(71.6401, 61.1784,
76.4394)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB9DD
RGB	255, 185, 221
RGB Percent	100%, 73%, 87%
CMY	0.0000, 0.2745, 0.1333
CMYK	0.00, 0.27, 0.13, 0.00
HSL	329°, 100%, 86%
HSV	329°, 27%, 100%
XYZ	71.6401, 61.1784, 76.4394
YIQ	210.0340, 30.1640, 26.0360

Conversions

Conversions Part 2

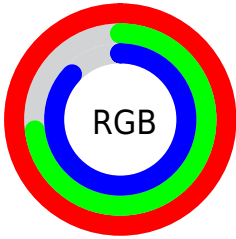
Format	Color
RYB	255, 185, 221
Decimal	16759261
CIELab	82.47, 30.57, -7.97
CIElCh	82, 31.595, 345.391
Yxy	61.1784, 0.3424, 0.2924
Android (android.graphics.Color)	4294949341 (0xFFFFB9DD)
YUV	210.0340, 5.4062, 39.4352
Hunter-Lab	78.2166, 26.6125, -3.1912

Details

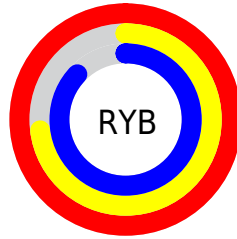
The XYZ color **71.6401, 61.1784, 76.4394** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.5559, 86.9498, 80.1909**, and the grayscale version is **61.2340, 64.4229, 70.1566**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **38.0252, 30.8561, 40.0281** is the 20% darker color. If you saturate the color by 10%, you get **65.1863, 50.8151, 66.4445**, and if you desaturate by 10%, it is **79.1752, 73.5089, 87.3970**.

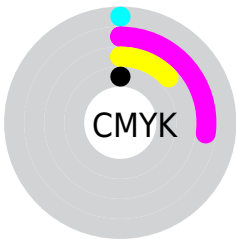
Distribution



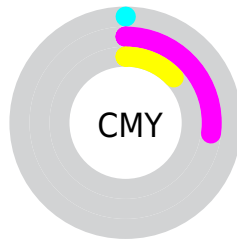
- Red (100%)
- Green (73%)
- Blue (87%)



- Red (100%)
- Yellow (73%)
- Blue (87%)



- Cyan (0%)
- Magenta (27%)
- Yellow (13%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.6401, 61.1784, 76.4394 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 71.6401, 61.1784, 76.4394 by changing the saturation by 10% instead.


 71.6401, 61.1784,
76.4394

 71.6401, 61.1784,
76.4394

455.4650,
428.9278, 502.2373

 53.1491, 44.3692,
56.2841


 120.5583,
106.5372, 130.1136

 38.1498, 30.9608,
40.0252

151.7162,
135.8556, 164.4696

 26.2767, 20.5690,
27.2443


187.8272,
170.1124, 204.3961

 17.1645, 12.8093,
17.5227

229.2566,
209.6921, 250.3119

 10.4479, 7.2974,
10.4420

276.3697,
254.9791, 302.6353

 5.7615, 3.6488,
5.5836

329.5319,

 2.7399, 1.4791,

306.3578, 361.7850

2.5289

389.1086,
364.2126, 428.1795

■ 1.0177, 0.2739,
0.8554

■ 0.0000, 0.0000,
0.0000

■ 71.6401, 61.1784,
76.4394

■ 71.6401, 61.1784,
76.4394

■ 65.1863, 50.8151,
66.4445

■ 79.1752, 73.5089,
87.3970

■ 59.7558, 42.3078,
57.3778

■ 87.8371, 87.8944,
99.3428

■ 55.2913, 35.5463,
49.2076

95.0500, 100.0000,
108.9000

■ 51.7279, 30.4051,
41.8987

■ 48.9923, 26.7422,
35.4120

■ 46.9983, 24.3900,
29.7042

■ 45.6344, 23.1308,
24.7224

■ 45.3460, 22.9024,
23.5518

Harmonies

Analogous

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



67.8909, 61.1784, 96.2899



71.6401, 61.1784, 76.4394



71.5874, 61.1784, 57.2224

Triad

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



71.6401, 61.1784, 76.4394



54.7696, 61.1784, 36.8069



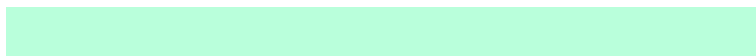
49.4978, 61.1784, 96.7497

Complementary

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



71.6401, 61.1784, 76.4394



68.5559, 86.9498, 80.1909

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.



46.5060, 61.1784, 76.9783



71.6401, 61.1784, 76.4394



49.3853, 61.1784, 43.7615

Square

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



71.6401, 61.1784, 76.4394



61.4851, 61.1784, 36.7185



46.4665, 61.1784, 57.6668



54.9343, 61.1784, 109.4673

Rectangle

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



71.6401, 61.1784, 76.4394



69.3891, 61.1784, 47.3132



46.4665, 61.1784, 57.6668



48.1921, 61.1784, 90.5550

Sweetspot

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



71.6416, 61.1810, 76.4407



87.3293, 87.0460, 98.6578



64.5645, 56.9552, 102.1983



18.3994, 18.1431, 20.7202



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.



71.6416, 61.1810, 76.4407



67.9282, 55.1906, 70.7747



67.4715, 59.5130, 54.4817



18.3994, 18.1431, 20.7202



23.7701, 11.9973, 12.7056



2.3696, 1.1902, 1.5279

Inverse Universe

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



71.6416, 61.1810, 76.4407



67.9282, 55.1906, 70.7747



73.6318, 88.9801, 106.9202



18.3994, 18.1431, 20.7202



23.7701, 11.9973, 12.7056



2.3696, 1.1902, 1.5279

Previews

White Background



This preview shows how the XYZ color 71.6401, 61.1784, 76.4394 looks on a white background.

Color Contrast Check

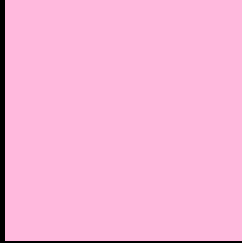
Large Text (above 18pt) WCAG AA × Fail

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 71.6401, 61.1784, 76.4394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

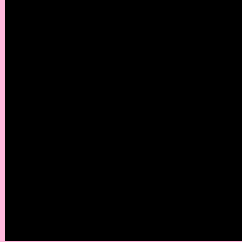
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.6401, 61.1784, 76.4394

Background



This preview shows how black text looks on a background with the XYZ color 71.6401, 61.1784, 76.4394.



This preview shows how white text looks on a background with the XYZ color 71.6401, 61.1784,

76.4394.

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

71.6401, 61.1784, 76.4394

Protanopia

60.3882, 61.4864, 85.7761

Deuteranopia

62.8244, 61.5862, 74.9058



Tritanopia

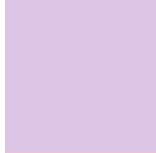
69.2707, 61.1609, 64.6542

Trichromacy



Original Color

71.6401, 61.1784, 76.4394



Protanomaly

63.9279, 60.9618, 82.5262



Deuteranomaly

65.9056, 61.4683, 75.4088



Tritanomaly

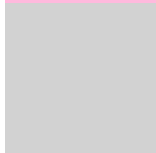
70.2762, 61.2646, 69.0941

Monochromacy



Original Color

71.6401, 61.1784, 76.4394



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

64.3883, 62.7971, 72.3457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6401, 61.1784, 76.4394 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, 185, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 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, 185, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 221) }
```

Border

The CSS property to change the border of an element to XYZ 71.6401, 61.1784, 76.4394 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, 185, 221) }
```


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

```
.border{ border-color:rgb(255, 185, 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, 185, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 185, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 185, 221); box-shadow:4px 4px 4px 4px rgb(255, 185, 221) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6401, 61.1784, 76.4394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 221) }
```

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

```
.background{ background-color: rgb(255,  
185, 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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