

Converting Colors

XYZ(78.5389, 64.5385, 85.8143)

Have a look what the booklet for
XYZ(78.5389, 64.5385, 85.8143)
contains.

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Color

**XYZ(73.4402, 61.8984,
85.9188)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB9EA
RGB	255, 185, 234
RGB Percent	100%, 73%, 92%
CMY	0.0000, 0.2745, 0.0823
CMYK	0.00, 0.27, 0.08, 0.00
HSL	318°, 100%, 86%
HSV	318°, 27%, 100%
XYZ	73.4402, 61.8984, 85.9188
YIQ	211.5160, 25.9910, 30.0790

Conversions

Conversions Part 2

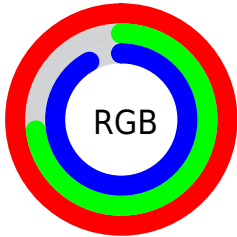
Format	Color
R _Y B	255, 185, 234
Decimal	16759274
CIE Lab	82.86, 32.69, -14.37
CIE LCh	83, 35.713, 336.275
Yxy	61.8984, 0.3319, 0.2798
Android (android.graphics.Color)	4294949354 (0xFFFFB9EA)
YUV	211.5160, 11.0846, 38.1355
Hunter-Lab	78.6755, 28.9398, -9.6757

Details

The XYZ color **73.4402, 61.8984, 85.9188** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.9102, 86.2915, 71.5249**, and the grayscale version is **62.1763, 65.4144, 71.2362**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **39.1781, 31.3173, 46.0994** is the 20% darker color. If you saturate the color by 10%, you get **67.5010, 51.7409, 78.6336**, and if you desaturate by 10%, it is **80.3864, 73.9933, 93.7755**.

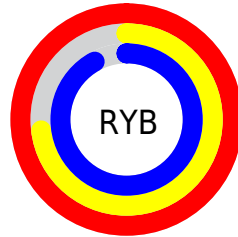
Distribution



Red (100%)

Green (73%)

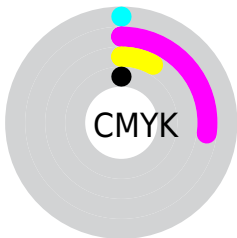
Blue (92%)



Red (100%)

Yellow (73%)

Blue (92%)

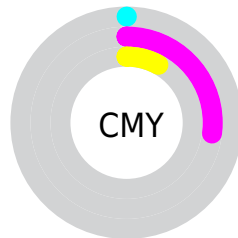


Cyan (0%)

Magenta (27%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4402, 61.8984, 85.9188 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 73.4402, 61.8984, 85.9188 by changing the saturation by 10% instead.


 73.4402, 61.8984,
85.9188

 73.4402, 61.8984,
85.9188


461.6193,
431.5604, 534.8871

 54.6256, 44.9506,
64.0463


 123.1017,
107.5787, 143.5417

 39.3347, 31.4185,
46.2418

154.6793,
137.0800, 180.1292

 27.2021, 20.9178,
32.0866


191.2421,
171.5345, 222.4588

 17.8625, 13.0639,
21.1623

233.1552,
211.3268, 270.9491

 10.9504, 7.4726,
13.0503

280.7842,
256.8411, 326.0185

 6.1005, 3.7594,
7.3320

334.4943,

 2.9475, 1.5399,

308.4618, 388.0856

3.5890

394.6508,
366.5735, 457.5689

■ 1.1261, 0.3165,
1.4027

■ 0.0468, 0.0000,
0.1438

■ 73.4402, 61.8984,
85.9188

■ 73.4402, 61.8984,
85.9188

■ 67.5010, 51.7409,
78.6336

■ 80.3864, 73.9933,
93.7755

■ 62.5127, 43.4105,
71.8958

■ 88.3831, 88.1127,
102.2185

■ 58.4203, 36.7978,
65.6848

95.0500, 100.0000,
108.9000

■ 55.1610, 31.7783,
59.9769

■ 52.6636, 28.2107,
54.7451

■ 50.8445, 25.9285,
49.9583

■ 49.5947, 24.7149,
45.5771

■ 49.3260, 24.4944,
44.5102

Harmonies

Analogous

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



68.0257, 61.8984, 107.6434



73.4402, 61.8984, 85.9188



74.7950, 61.8984, 62.8716

Triad

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



73.4402, 61.8984, 85.9188



57.2305, 61.8984, 33.4484



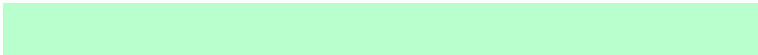
47.6950, 61.8984, 95.6975

Complementary

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



73.4402, 61.8984, 85.9188



66.9102, 86.2915, 71.5249

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.



45.3200, 61.8984, 72.1342



73.4402, 61.8984, 85.9188



50.5074, 61.8984, 38.6881

Square

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



73.4402, 61.8984, 85.9188



64.9870, 61.8984, 35.5771



46.3030, 61.8984, 51.7486



53.0795, 61.8984, 114.0951

Rectangle

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



73.4402, 61.8984, 85.9188



73.1181, 61.8984, 50.3289



46.3030, 61.8984, 51.7486



46.5406, 61.8984, 87.9437

Sweetspot

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



73.4416, 61.9010, 85.9201



87.9141, 87.2799, 101.7374



60.8549, 55.0428, 102.0247



18.5469, 18.2021, 21.4970



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.



73.4416, 61.9010, 85.9201



70.0230, 56.0286, 81.8061



68.8995, 60.0841, 62.0017



18.5469, 18.2021, 21.4970



25.8430, 12.8265, 23.6217



2.5646, 1.2682, 2.5545

Inverse Universe

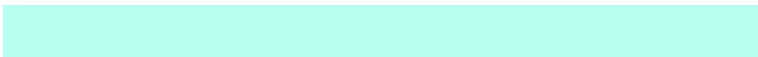
The Inverse Universe completely reimagines the original color for something new.



73.4416, 61.9010, 85.9201



70.0230, 56.0286, 81.8061



71.6464, 88.1860, 96.4654



18.5469, 18.2021, 21.4970



25.8430, 12.8265, 23.6217



2.5646, 1.2682, 2.5545

Previews

White Background



This preview shows how the XYZ color 73.4402, 61.8984, 85.9188 looks on a white background.

Color Contrast Check

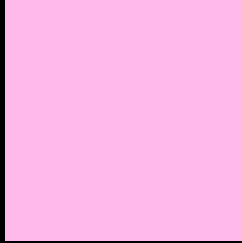
Large Text (above 18pt) WCAG AA × Fail

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 73.4402, 61.8984, 85.9188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

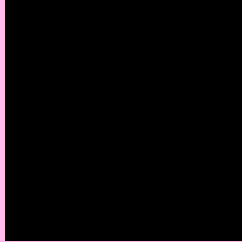
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.4402, 61.8984, 85.9188

Background



This preview shows how black text looks on a background with the XYZ color 73.4402, 61.8984, 85.9188.



This preview shows how white text looks on a background with the XYZ color 73.4402, 61.8984,

85.9188.

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

73.4402, 61.8984, 85.9188

Protanopia

61.9085, 62.3838, 96.7740

Deuteranopia

63.3348, 61.9899, 84.2284



Tritanopia

69.2166, 61.7439, 66.0273

Trichromacy



Original Color

73.4402, 61.8984, 85.9188



Protanomaly

65.4345, 61.8590, 92.4956



Deuteranomaly

66.7137, 61.6794, 84.7331



Tritanomaly

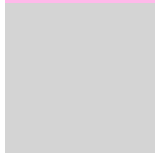
70.5228, 61.6198, 73.1426

Monochromacy



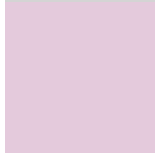
Original Color

73.4402, 61.8984, 85.9188



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

66.0337, 63.9023, 76.5642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4402, 61.8984, 85.9188 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, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 234) }
```

Border

The CSS property to change the border of an element to XYZ 73.4402, 61.8984, 85.9188 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, 234) }
```


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

```
.border{ border-color:rgb(255, 185, 234) }
```

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, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4402, 61.8984, 85.9188 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, 234) }
```

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

```
.background{ background-color: rgb(255,  
185, 234) }
```

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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