

Converting Colors

XYZ(101.6658, 78.6733,
78.0664)

Have a look what the booklet for
XYZ(101.6658, 78.6733, 78.0664)
contains.

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Color

**XYZ(72.9219, 63.7421,
76.8667)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBFDD
RGB	255, 191, 221
RGB Percent	100%, 75%, 87%
CMY	0.0000, 0.2510, 0.1333
CMYK	0.00, 0.25, 0.13, 0.00
HSL	332°, 100%, 87%
HSV	332°, 25%, 100%
XYZ	72.9219, 63.7421, 76.8667
YIQ	213.5560, 28.5140, 22.8980

Conversions

Conversions Part 2

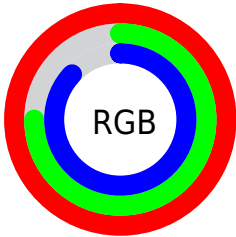
Format	Color
R _Y B	255, 191, 221
Decimal	16760797
CIE Lab	83.83, 27.42, -5.96
CIE LCh	84, 28.063, 347.738
Yxy	63.7421, 0.3415, 0.2985
Android (android.graphics.Color)	4294950877 (0xFFFFBFDD)
YUV	213.5560, 3.6699, 36.3464
Hunter-Lab	79.8386, 23.3182, -1.1959

Details

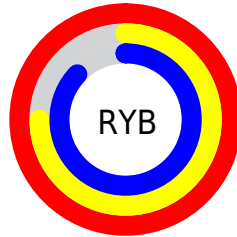
The XYZ color **72.9219, 63.7421, 76.8667** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.8387, 88.0337, 84.4963**, and the grayscale version is **63.5824, 66.8937, 72.8472**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **39.1173, 32.6503, 40.3168** is the 20% darker color. If you saturate the color by 10%, you get **66.1047, 52.8805, 66.0455**, and if you desaturate by 10%, it is **80.8561, 76.6037, 88.7805**.

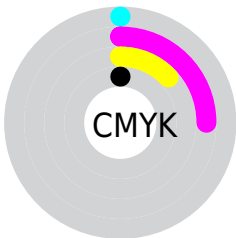
Distribution



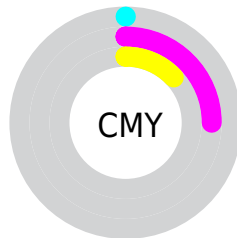
- Red (100%)
- Green (75%)
- Blue (87%)



- Red (100%)
- Yellow (75%)
- Blue (87%)



- Cyan (0%)
- Magenta (25%)
- Yellow (13%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9219, 63.7421, 76.8667 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 72.9219, 63.7421, 76.8667 by changing the saturation by 10% instead.


 72.9219, 63.7421,
76.8667

 72.9219, 63.7421,
76.8667


459.8521,
438.2577, 503.7350

 54.2003, 46.4418,
56.6326


 122.3701,
110.2394, 130.7226

 38.9931, 32.5946,
40.3029

153.8273,
140.2053, 165.1814

 26.9351, 21.8161,
27.4592


190.2604,
175.1618, 205.2189

 17.6608, 13.7218,
17.6829

232.0348,
215.4933, 251.2536

 10.8049, 7.9274,
10.5555

279.5158,
261.5843, 303.7040

 6.0021, 4.0486,
5.6584

333.0688,

 2.8871, 1.7008,

313.8191, 362.9887

2.5731

393.0591,
372.5821, 429.5262

■ 1.0943, 0.4241,
0.8785

■ 0.0204, 0.0000,
0.0000

■ 72.9219, 63.7421,
76.8667

■ 72.9219, 63.7421,
76.8667

■ 66.1047, 52.8805,
66.0455

■ 80.8561, 76.6037,
88.7805

■ 60.3460, 43.9088,
56.2782

■ 89.9523, 91.5513,
101.8158

■ 55.5893, 36.7191,
47.5292

95.0500, 100.0000,
108.9000

■ 51.7704, 31.1888,
39.7589

■ 48.8172, 27.1800,
32.9242

■ 46.6460, 24.5317,
26.9775

■ 45.1544, 23.0461,
21.8638

■ 44.6013, 22.6045,
19.6303

Harmonies

Analogous

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



69.7877, 63.7421, 94.8296



72.9219, 63.7421, 76.8667



72.5908, 63.7421, 59.5669

Triad

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



72.9219, 63.7421, 76.8667



57.0449, 63.7421, 41.8319



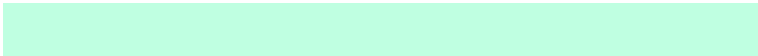
52.9577, 63.7421, 97.6816

Complementary

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



72.9219, 63.7421, 76.8667



70.8387, 88.0337, 84.4963

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.



49.9817, 63.7421, 80.2692



72.9219, 63.7421, 76.8667



52.2290, 63.7421, 48.9857

Square

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



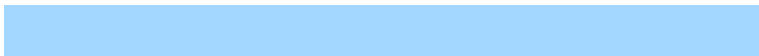
72.9219, 63.7421, 76.8667



63.1375, 63.7421, 41.2358



49.7244, 63.7421, 62.4412



58.1022, 63.7421, 108.1433

Rectangle

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



72.9219, 63.7421, 76.8667



70.4507, 63.7421, 50.6311



49.7244, 63.7421, 62.4412



51.6861, 63.7421, 92.3243

Sweetspot

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



72.9235, 63.7449, 76.8680



87.1877, 86.9894, 97.9122



67.4442, 60.3428, 102.7004



18.3637, 18.1288, 20.5326



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.



72.9235, 63.7449, 76.8680



69.4433, 58.1734, 71.4261



69.5103, 62.7531, 57.7428



18.3637, 18.1288, 20.5326



23.3791, 11.8409, 10.6465



2.3310, 1.1748, 1.3242

Inverse Universe

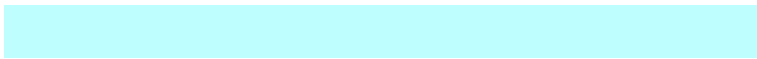
The Inverse Universe completely reimagines the original color for something new.



72.9235, 63.7449, 76.8680



69.4433, 58.1734, 71.4261



74.9581, 89.1386, 107.8625



18.3637, 18.1288, 20.5326



23.3791, 11.8409, 10.6465



2.3310, 1.1748, 1.3242

Previews

White Background



This preview shows how the XYZ color 72.9219, 63.7421, 76.8667 looks on a white background.

Color Contrast Check

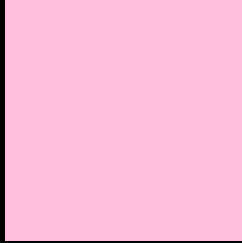
Large Text (above 18pt) WCAG AA × Fail

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 72.9219, 63.7421, 76.8667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

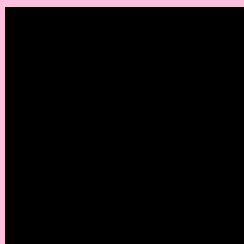
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.9219, 63.7421, 76.8667

Background



This preview shows how black text looks on a background with the XYZ color 72.9219, 63.7421, 76.8667.



This preview shows how white text looks on a background with the XYZ color 72.9219, 63.7421,

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

72.9219, 63.7421, 76.8667

Protanopia

62.7118, 64.1467, 84.6776

Deuteranopia

65.1935, 63.8339, 75.9029



Tritanopia

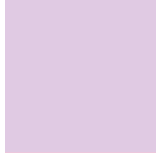
70.9631, 63.5766, 68.2059

Trichromacy



Original Color

72.9219, 63.7421, 76.8667



Protanomaly

65.7261, 63.6344, 81.4916



Deuteranomaly

67.9338, 63.8470, 76.4534



Tritanomaly

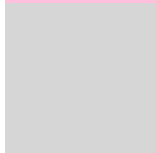
71.7329, 63.5742, 71.4411

Monochromacy



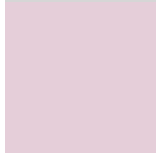
Original Color

72.9219, 63.7421, 76.8667



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

66.9088, 65.8104, 74.8218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9219, 63.7421, 76.8667 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, 191, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 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, 191, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 221) }
```

Border

The CSS property to change the border of an element to XYZ 72.9219, 63.7421, 76.8667 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, 191, 221) }
```


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

```
.border{ border-color:rgb(255, 191, 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, 191, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9219, 63.7421, 76.8667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 221) }
```

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

```
.background{ background-color: rgb(255,  
191, 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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