

Converting Colors

XYZ(76.3781, 65.1987, 79.4461)

Have a look what the booklet for
XYZ(76.3781, 65.1987, 79.4461)
contains.

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Color

**XYZ(73.2441, 63.5232,
79.6350)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBEE1
RGB	255, 190, 225
RGB Percent	100%, 75%, 88%
CMY	0.0000, 0.2549, 0.1176
CMYK	0.00, 0.25, 0.12, 0.00
HSL	328°, 100%, 87%
HSV	328°, 25%, 100%
XYZ	73.2441, 63.5232, 79.6350
YIQ	213.4250, 27.5050, 24.6650

Conversions

Conversions Part 2

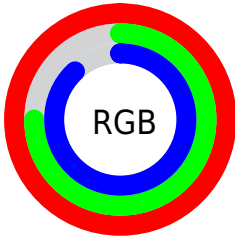
Format	Color
R_{YB}	255, 190, 225
Decimal	16760545
CIE _{Lab}	83.72, 28.59, -8.27
CIE _{LCh}	84, 29.762, 343.866
Yxy	63.5232, 0.3385, 0.2935
Android (android.graphics.Color)	4294950625 (0xFFFFBEE1)
YUV	213.4250, 5.7065, 36.4613
Hunter-Lab	79.7014, 24.5606, -3.4496

Details

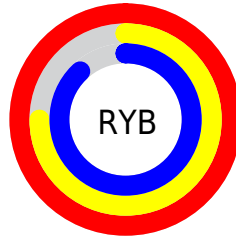
The XYZ color **73.2441, 63.5232, 79.6350** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.9156, 87.6355, 80.9439**, and the grayscale version is **63.4818, 66.7878, 72.7319**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **39.3486, 32.5164, 42.2326** is the 20% darker color. If you saturate the color by 10%, you get **66.6459, 52.8083, 69.7853**, and if you desaturate by 10%, it is **80.9221, 76.2201, 90.3924**.

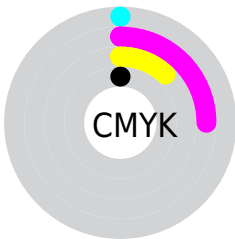
Distribution



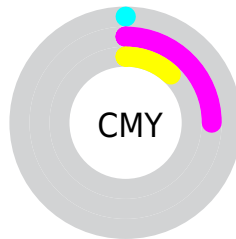
- Red (100%)
- Green (75%)
- Blue (88%)



- Red (100%)
- Yellow (75%)
- Blue (88%)



- Cyan (0%)
- Magenta (25%)
- Yellow (12%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2441, 63.5232, 79.6350 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 73.2441, 63.5232, 79.6350 by changing the saturation by 10% instead.


 73.2441, 63.5232,
79.6350

 73.2441, 63.5232,
79.6350


460.9511,
437.4658, 513.3762

 54.4647, 46.2646,
58.8936


 122.8249,
109.9240, 134.6592

 39.2054, 32.4547,
42.1081


154.3571,
139.8350, 169.7791

 27.1010, 21.7090,
28.8597


190.8708,
174.7322, 210.5290

 17.7861, 13.6433,
18.7301

232.7315,
215.0000, 257.3273

 10.8953, 7.8730,
11.3006

280.3045,
261.0229, 310.5927

 6.0632, 4.0138,
6.1527


333.9552,


 2.9246, 1.6813,


313.1853, 370.7436


2.8678


394.0490,
371.8714, 438.1986


 1.1140, 0.4115,
1.0276


 0.0368, 0.0000,
0.0000


 73.2441, 63.5232,
79.6350


 73.2441, 63.5232,
79.6350

 66.6459, 52.8083,
69.7853

 80.9221, 76.2201,
90.3924

 61.0705, 43.9658,
60.8109

 89.7245, 90.9851,
102.0805

 56.4623, 36.8877,
52.6829

95.0500, 100.0000,
108.9000

 52.7583, 31.4517,
45.3685

■ 49.8872, 27.5193,
38.8319

■ 47.7664, 24.9294,
33.0333

■ 46.2942, 23.4826,
27.9255

■ 45.7770, 23.0748,
25.8216

Harmonies

Analogous

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



69.4920, 63.5232, 98.4287



73.2441, 63.5232, 79.6350



73.3903, 63.5232, 60.9098

Triad

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



73.2441, 63.5232, 79.6350



57.4207, 63.5232, 39.8258



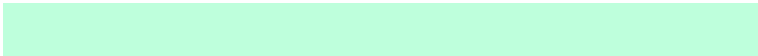
51.7785, 63.5232, 97.1627

Complementary

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



73.2441, 63.5232, 79.6350



69.9156, 87.6355, 80.9439

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.



49.0006, 63.5232, 78.1364



73.2441, 63.5232, 79.6350



52.0959, 63.5232, 46.3671

Square

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



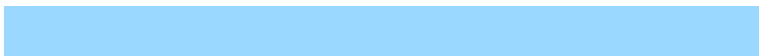
73.2441, 63.5232, 79.6350



63.9295, 63.5232, 40.0810



49.1125, 63.5232, 59.6572



56.9584, 63.5232, 109.7265

Rectangle

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



73.2441, 63.5232, 79.6350



71.4012, 63.5232, 51.0184



49.1125, 63.5232, 59.6572



50.5501, 63.5232, 91.1753

Sweetspot

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



73.2456, 63.5259, 79.6363



87.4047, 87.0762, 99.0551



65.7545, 59.1490, 102.5590



18.4184, 18.1507, 20.8202



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.



73.2456, 63.5259, 79.6363



69.4777, 57.3799, 74.0961



69.3090, 61.9512, 58.9066



18.4184, 18.1507, 20.8202



23.9958, 12.0876, 13.8941



2.3916, 1.1990, 1.6435

Inverse Universe

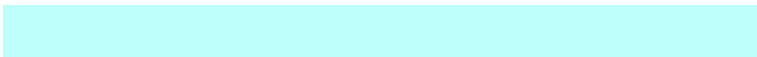
The Inverse Universe completely reimagines the original color for something new.



73.2456, 63.5259, 79.6363



69.4777, 57.3799, 74.0961



74.5279, 89.4804, 105.2315



18.4184, 18.1507, 20.8202



23.9958, 12.0876, 13.8941



2.3916, 1.1990, 1.6435

Previews

White Background



This preview shows how the XYZ color 73.2441, 63.5232, 79.6350 looks on a white background.

Color Contrast Check

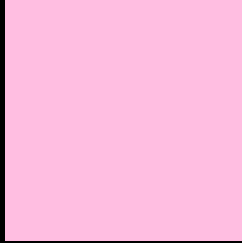
Large Text (above 18pt) WCAG AA × Fail

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 73.2441, 63.5232, 79.6350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

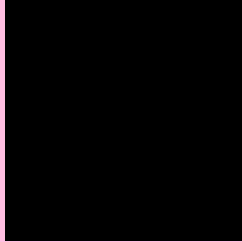
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.2441, 63.5232, 79.6350

Background



This preview shows how black text looks on a background with the XYZ color 73.2441, 63.5232, 79.6350.



This preview shows how white text looks on a background with the XYZ color 73.2441, 63.5232,

79.6350.

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

73.2441, 63.5232, 79.6350

Protanopia

62.6300, 63.6609, 88.3437

Deuteranopia

65.1066, 63.7276, 78.6812



Tritanopia

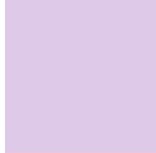
70.9631, 63.5766, 68.2059

Trichromacy



Original Color

73.2441, 63.5232, 79.6350



Protanomaly

65.8836, 63.2875, 85.0872



Deuteranomaly

67.9096, 63.4322, 79.1854



Tritanomaly

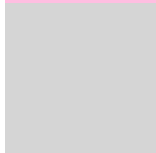
71.8603, 63.6251, 72.1118

Monochromacy



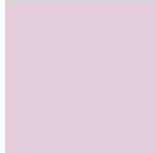
Original Color

73.2441, 63.5232, 79.6350



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

66.3506, 65.1664, 74.7270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2441, 63.5232, 79.6350 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, 190, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 225)  
}
```

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, 190, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 225) }
```

Border

The CSS property to change the border of an element to XYZ 73.2441, 63.5232, 79.6350 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, 190, 225) }
```


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

```
.border{ border-color:rgb(255, 190, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2441, 63.5232, 79.6350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 225) }
```

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

```
.background{ background-color: rgb(255,  
190, 225) }
```

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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