

Converting Colors

XYZ(75.9199, 64.0657, 79.5034)

Have a look what the booklet for
XYZ(75.9199, 64.0657, 79.5034)
contains.

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Color

**XYZ(72.6009, 62.2369,
79.4206)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBBE1
RGB	255, 187, 225
RGB Percent	100%, 73%, 88%
CMY	0.0000, 0.2666, 0.1176
CMYK	0.00, 0.27, 0.12, 0.00
HSL	326°, 100%, 87%
HSV	326°, 27%, 100%
XYZ	72.6009, 62.2369, 79.4206
YIQ	211.6640, 28.3300, 26.2340

Conversions

Conversions Part 2

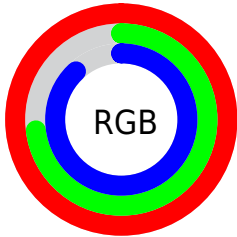
Format	Color
R_{YB}	255, 187, 225
Decimal	16759777
CIE Lab	83.04, 30.16, -9.28
CIE LCh	83, 31.559, 342.906
Yxy	62.2369, 0.3388, 0.2905
Android (android.graphics.Color)	4294949857 (0xFFFFBBE1)
YUV	211.6640, 6.5746, 38.0057
Hunter-Lab	78.8904, 26.2111, -4.4652

Details

The XYZ color **72.6009, 62.2369, 79.4206** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.7800, 87.0956, 78.8350**, and the grayscale version is **62.3023, 65.5469, 71.3805**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **38.6692, 31.5477, 42.0814** is the 20% darker color. If you saturate the color by 10%, you get **66.1793, 51.7693, 69.9559**, and if you desaturate by 10%, it is **80.0871, 74.6712, 89.7407**.

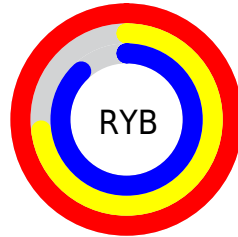
Distribution



Red (100%)

Green (73%)

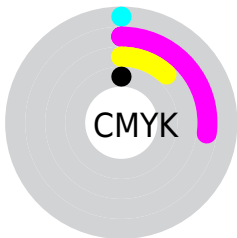
Blue (88%)



Red (100%)

Yellow (73%)

Blue (88%)

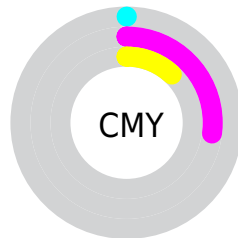


Cyan (0%)

Magenta (27%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.6009, 62.2369, 79.4206 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 72.6009, 62.2369, 79.4206 by changing the saturation by 10% instead.


 72.6009, 62.2369,
79.4206

 72.6009, 62.2369,
79.4206


458.7557,
432.7947, 512.6332

 53.9369, 45.2241,
58.7183


 121.9167,
108.0678, 134.3548

 38.7817, 31.6340,
41.9679


153.2991,
137.6548, 169.4239

 26.7699, 21.0821,
28.7508


189.6518,
172.2020, 210.1190

 17.5362, 13.1840,
18.6484

231.3400,
212.0938, 256.8586

 10.7152, 7.5554,
11.2423

278.7292,
257.7145, 310.0612

 5.9415, 3.8118,
6.1138

332.1846,

 2.8499, 1.5689,

309.4487, 370.1456

2.8445

392.0716,
367.6806, 437.5301

■ 1.0749, 0.3365,
1.0158

■ 0.0039, 0.0000,
0.0000

■ 72.6009, 62.2369,
79.4206

■ 72.6009, 62.2369,
79.4206

■ 66.1793, 51.7693,
69.9559

■ 80.0871, 74.6712,
89.7407

■ 60.7650, 43.1580,
61.3157

■ 88.6825, 89.1591,
100.9380

■ 56.3022, 36.2940,
53.4723

95.0500, 100.0000,
108.9000

■ 52.7271, 31.0532,
46.3943

■ 49.9679, 27.2953,
40.0473

■ 47.9406, 24.8558,
34.3925

■ 46.5399, 23.5277,
29.3834

■ 46.1597, 23.2279,
27.8368

Harmonies

Analogous

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



68.5428, 62.2369, 99.1801



72.6009, 62.2369, 79.4206



72.8858, 62.2369, 59.7154

Triad

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



72.6009, 62.2369, 79.4206



56.2723, 62.2369, 37.3434



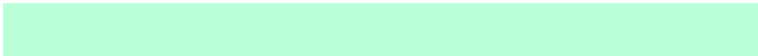
50.0557, 62.2369, 96.6979

Complementary

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



72.6009, 62.2369, 79.4206



68.7800, 87.0956, 78.8350

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.



47.2658, 62.2369, 76.5082



72.6009, 62.2369, 79.4206



50.6648, 62.2369, 43.8019

Square

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



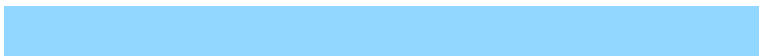
72.6009, 62.2369, 79.4206



63.0951, 62.2369, 37.8232



47.4798, 62.2369, 57.3102



55.3811, 62.2369, 110.3957

Rectangle

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



72.6009, 62.2369, 79.4206



70.8666, 62.2369, 49.3347



47.4798, 62.2369, 57.3102



48.8093, 62.2369, 90.2949

Sweetspot

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



72.6024, 62.2395, 79.4219



87.4684, 87.1017, 99.3906



64.2796, 57.4339, 102.3057



18.4344, 18.1571, 20.9047



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.



72.6024, 62.2395, 79.4219



69.0463, 56.4152, 74.2667



68.4750, 60.5886, 57.6875



18.4344, 18.1571, 20.9047



24.1958, 12.1676, 14.9476



2.4108, 1.2067, 1.7449

Inverse Universe

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



72.6024, 62.2395, 79.4219



69.0463, 56.4152, 74.2667



73.5837, 89.0170, 104.1307



18.4344, 18.1571, 20.9047



24.1958, 12.1676, 14.9476



2.4108, 1.2067, 1.7449

Previews

White Background



This preview shows how the XYZ color 72.6009, 62.2369, 79.4206 looks on a white background.

Color Contrast Check

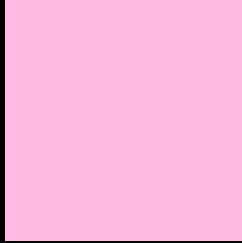
Large Text (above 18pt) WCAG AA × Fail

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 72.6009, 62.2369, 79.4206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

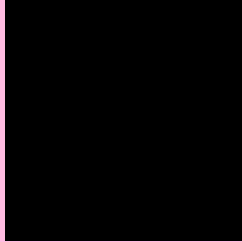
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.6009, 62.2369, 79.4206

Background



This preview shows how black text looks on a background with the XYZ color 72.6009, 62.2369, 79.4206.



This preview shows how white text looks on a background with the XYZ color 72.6009, 62.2369,

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

72.6009, 62.2369, 79.4206

Protanopia

61.7145, 62.8136, 88.9923

Deuteranopia

63.5867, 62.2629, 77.7738



Tritanopia

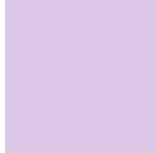
69.9409, 62.1173, 66.0612

Trichromacy



Original Color

72.6009, 62.2369, 79.4206



Protanomaly

64.9502, 62.1022, 85.6545



Deuteranomaly

66.6635, 62.1312, 78.2910



Tritanomaly

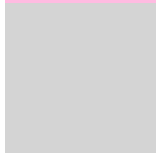
70.9543, 62.2195, 70.5572

Monochromacy



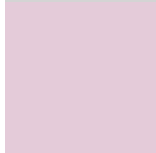
Original Color

72.6009, 62.2369, 79.4206



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

65.8752, 64.2156, 74.5685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6009, 62.2369, 79.4206 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, 187, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 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, 187, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 225) }
```

Border

The CSS property to change the border of an element to XYZ 72.6009, 62.2369, 79.4206 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, 187, 225) }
```


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

```
.border{ border-color:rgb(255, 187, 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, 187, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6009, 62.2369, 79.4206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 225) }
```

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

```
.background{ background-color: rgb(255,  
187, 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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