

Converting Colors

XYZ(80.7773, 68.4427, 75.1356)

Have a look what the booklet for
XYZ(80.7773, 68.4427, 75.1356)
contains.

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Color

**XYZ(72.9649, 64.4619,
74.9264)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC1DA
RGB	255, 193, 218
RGB Percent	100%, 76%, 85%
CMY	0.0000, 0.2431, 0.1451
CMYK	0.00, 0.24, 0.15, 0.00
HSL	336°, 100%, 88%
HSV	336°, 24%, 100%
XYZ	72.9649, 64.4619, 74.9264
YIQ	214.3880, 28.9270, 20.9190

Conversions

Conversions Part 2

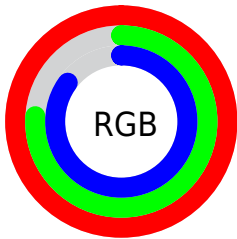
Format	Color
R _Y B	255, 193, 218
Decimal	16761306
CIE Lab	84.21, 25.90, -3.80
CIE LCh	84, 26.177, 351.645
Yxy	64.4619, 0.3436, 0.3036
Android (android.graphics.Color)	4294951386 (0xFFFFC1DA)
YUV	214.3880, 1.7807, 35.6167
Hunter-Lab	80.2882, 21.7143, 0.8712

Details

The XYZ color **72.9649, 64.4619, 74.9264** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.0375, 88.5717, 88.1657**, and the grayscale version is **64.1539, 67.4949, 73.5020**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **39.1322, 33.1153, 38.9797** is the 20% darker color. If you saturate the color by 10%, you get **65.9052, 53.3847, 63.1949**, and if you desaturate by 10%, it is **81.1823, 77.5615, 87.9478**.

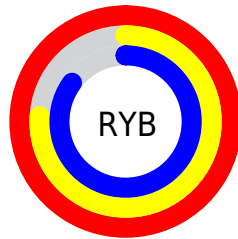
Distribution



Red (100%)

Green (76%)

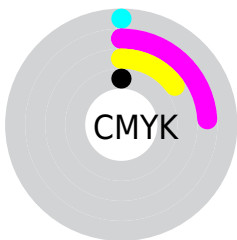
Blue (85%)



Red (100%)

Yellow (76%)

Blue (85%)

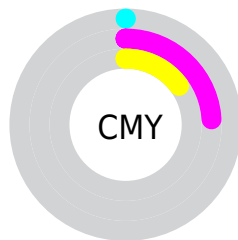


Cyan (0%)

Magenta (24%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.9649, 64.4619, 74.9264 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 72.9649, 64.4619, 74.9264 by changing the saturation by 10% instead.


 72.9649, 64.4619,
74.9264

 72.9649, 64.4619,
74.9264

459.9988,
440.8557, 496.9132

 54.2355, 47.0249,
55.0512


 122.4308,
111.2759, 127.9543

 39.0214, 33.0553,
39.0439


153.8980,
141.4216, 161.9441

 26.9572, 22.1688,
26.4858


190.3419,
176.5724, 201.4759

 17.6775, 13.9810,
16.9584

232.1278,
217.1127, 246.9682

 10.8170, 8.1075,
10.0432

279.6211,
263.4267, 298.8395

 6.0103, 4.1638,
5.3216

333.1871,

 2.8921, 1.7656,

315.8990, 357.5085

2.3752

393.1913,
374.9139, 423.3935

■ 1.0969, 0.4656,
0.7729

■ 0.0226, 0.0000,
0.0000

■ 72.9649, 64.4619,
74.9264

■ 72.9649, 64.4619,
74.9264

■ 65.9052, 53.3847,
63.1949

■ 81.1823, 77.5615,
87.9478

■ 59.9440, 44.2199,
52.7067

■ 90.6039, 92.7696,
102.2952

■ 55.0235, 36.8596,
43.4183

95.0500, 100.0000,
108.9000

■ 51.0782, 31.1819,
35.2815

■ 48.0350, 27.0492,
28.2442

■ 45.8095, 24.3022,
22.2490

■ 44.2991, 22.7459,
17.2307

■ 43.6788, 22.2355,
14.7726

Harmonies

Analogous

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



70.4266, 64.4619, 91.9049



72.9649, 64.4619, 74.9264



72.2177, 64.4619, 59.0654

Triad

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



72.9649, 64.4619, 74.9264



57.2512, 64.4619, 44.5141



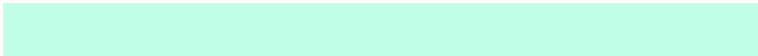
54.6132, 64.4619, 98.2970

Complementary

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



72.9649, 64.4619, 74.9264



72.0375, 88.5717, 88.1657

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.



51.4871, 64.4619, 82.6262



72.9649, 64.4619, 74.9264



52.9419, 64.4619, 52.1939

Square

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



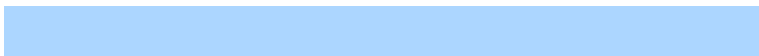
72.9649, 64.4619, 74.9264



62.9020, 64.4619, 43.1182



50.8951, 64.4619, 65.6538



59.6647, 64.4619, 106.7217

Rectangle

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



72.9649, 64.4619, 74.9264



69.9763, 64.4619, 51.0503



50.8951, 64.4619, 65.6538



53.3159, 64.4619, 93.5950

Sweetspot

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



72.9664, 64.4646, 74.9277



87.9495, 88.4680, 98.3050



69.4884, 62.0485, 102.9219



18.6999, 18.7337, 20.8525



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.



72.9664, 64.4646, 74.9277



69.5151, 59.0245, 69.2688



71.0998, 65.5775, 59.3660



18.3128, 18.1085, 20.2646



22.8922, 11.6462, 8.0829



2.2813, 1.1549, 1.0627

Inverse Universe

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



72.9664, 64.4646, 74.9277



69.5151, 59.0245, 69.2688



74.1779, 86.8262, 107.4573



18.3128, 18.1085, 20.2646



22.8922, 11.6462, 8.0829



2.2813, 1.1549, 1.0627

Previews

White Background



This preview shows how the XYZ color 72.9649, 64.4619, 74.9264 looks on a white background.

Color Contrast Check

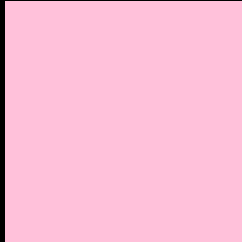
Large Text (above 18pt) WCAG AA × Fail

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 72.9649, 64.4619, 74.9264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

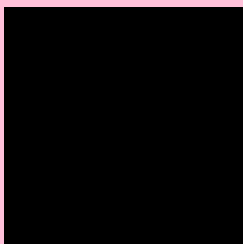
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.9649, 64.4619, 74.9264

Background



This preview shows how black text looks on a background with the XYZ color 72.9649, 64.4619, 74.9264.



This preview shows how white text looks on a background with the XYZ color 72.9649, 64.4619,

74.9264.

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

72.9649, 64.4619, 74.9264

Protanopia

63.0986, 64.7577, 82.5726

Deuteranopia

65.9824, 64.6376, 73.9644



Tritanopia

71.6735, 64.2579, 68.9470

Trichromacy



Original Color

72.9649, 64.4619, 74.9264

Protanomaly

66.1745, 64.2624, 79.4371

Deuteranomaly

68.4386, 64.4955, 74.4874

Tritanomaly

72.0485, 64.4079, 70.9219

Monochromacy



Original Color

72.9649, 64.4619, 74.9264

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

66.6501, 65.7069, 73.4598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9649, 64.4619, 74.9264 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, 193, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 218)  
}
```

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, 193, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 218) }
```

Border

The CSS property to change the border of an element to XYZ 72.9649, 64.4619, 74.9264 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, 193, 218) }
```


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

```
.border{ border-color:rgb(255, 193, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9649, 64.4619, 74.9264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 218) }
```

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

```
.background{ background-color: rgb(255,  
193, 218) }
```

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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