

Converting Colors

XYZ(73.7636, 64.7067, 79.3626)

Have a look what the booklet for
XYZ(73.7636, 64.7067, 79.3626)
contains.

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Color

**XYZ(73.7645, 64.7817,
79.1373)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC1E0
RGB	255, 193, 224
RGB Percent	100%, 76%, 88%
CMY	0.0000, 0.2431, 0.1216
CMYK	0.00, 0.24, 0.12, 0.00
HSL	330°, 100%, 88%
HSV	330°, 24%, 100%
XYZ	73.7645, 64.7817, 79.1373
YIQ	215.0720, 27.0010, 22.7850

Conversions

Conversions Part 2

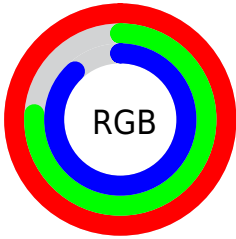
Format	Color
R _Y B	255, 193, 224
Decimal	16761312
CIE _{Lab}	84.37, 26.85, -6.77
CIE _{LCh}	84, 27.692, 345.858
Yxy	64.7817, 0.3389, 0.2976
Android (android.graphics.Color)	4294951392 (0xFFFFC1E0)
YUV	215.0720, 4.4015, 35.0169
Hunter-Lab	80.4871, 22.7386, -1.9547

Details

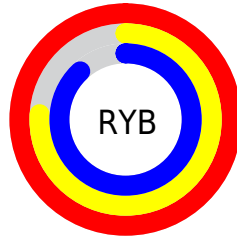
The XYZ color **73.7645, 64.7817, 79.1373** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.2090, 88.2403, 83.8033**, and the grayscale version is **64.5997, 67.9639, 74.0127**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **39.6828, 33.3356, 41.8790** is the 20% darker color. If you saturate the color by 10%, you get **66.9409, 53.7989, 68.6489**, and if you desaturate by 10%, it is **81.6926, 77.7655, 90.6355**.

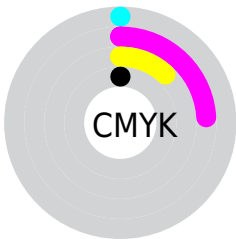
Distribution



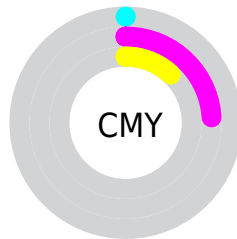
- Red (100%)
- Green (76%)
- Blue (88%)



- Red (100%)
- Yellow (76%)
- Blue (88%)



- Cyan (0%)
- Magenta (24%)
- Yellow (12%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.7645, 64.7817, 79.1373 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 73.7645, 64.7817, 79.1373 by changing the saturation by 10% instead.


 73.7645, 64.7817,
79.1373

 73.7645, 64.7817,
79.1373


462.7231,
442.0071, 511.6506

 54.8919, 47.2841,
58.4867


 123.5592,
111.7360, 133.9526

 39.5487, 33.2603,
41.7828

155.2120,
141.9614, 168.9543

 27.3695, 22.3259,
28.6069


191.8557,
177.1982, 209.5769

 17.9889, 14.0966,
18.5407

233.8554,
217.8308, 256.2388

 11.0417, 8.1879,
11.1654

281.5767,
264.2436, 309.3585

 6.1624, 4.2154,
6.0626

335.3848,

 2.9857, 1.7948,

316.8210, 369.3547

2.8138

395.6451,
375.9474, 436.6459

■ 1.1462, 0.4839,
1.0004

■ 0.0632, 0.0000,
0.0000

■ 73.7645, 64.7817,
79.1373

■ 73.7645, 64.7817,
79.1373

■ 66.9409, 53.7989,
68.6489

■ 81.6926, 77.7655,
90.6355

■ 61.1647, 44.7081,
59.1346

■ 90.7699, 92.8359,
103.1692

■ 56.3801, 37.4022,
50.5624

95.0500, 100.0000,
108.9000

■ 52.5243, 31.7602,
42.8964

■ 49.5263, 27.6457,
36.0972

■ 47.3045, 24.9002,
30.1217

■ 45.7593, 23.3300,
24.9195

■ 45.1030, 22.8052,
22.2722

Harmonies

Analogous

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



70.4534, 64.7817, 96.8446



73.7645, 64.7817, 79.1373



73.6612, 64.7817, 61.6823

Triad

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



73.7645, 64.7817, 79.1373



58.3985, 64.7817, 42.7201



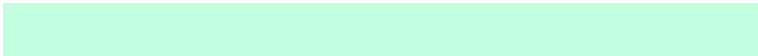
53.7003, 64.7817, 97.7328

Complementary

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



73.7645, 64.7817, 79.1373



71.2090, 88.2403, 83.8033

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.



50.8855, 64.7817, 80.1994



73.7645, 64.7817, 79.1373



53.4722, 64.7817, 49.4842

Square

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



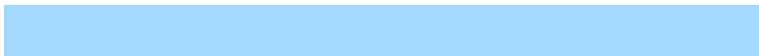
73.7645, 64.7817, 79.1373



64.5073, 64.7817, 42.5325



50.8049, 64.7817, 62.5822



58.7292, 64.7817, 108.7300

Rectangle

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



73.7645, 64.7817, 79.1373



71.6614, 64.7817, 52.5022



50.8049, 64.7817, 62.5822



52.4790, 64.7817, 92.2888

Sweetspot

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



73.7660, 64.7844, 79.1386



88.2136, 88.5737, 99.6958



67.8627, 61.2103, 102.8458



18.7610, 18.7582, 21.1744



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.



73.7660, 64.7844, 79.1386



70.4319, 59.3912, 74.0969



69.9376, 63.2531, 58.9785



18.3882, 18.1386, 20.6612



23.6426, 11.9463, 12.0345



2.3571, 1.1852, 1.4620

Inverse Universe

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



73.7660, 64.7844, 79.1386



70.4319, 59.3912, 74.0969



75.8038, 90.0782, 107.9993



18.3882, 18.1386, 20.6612



23.6426, 11.9463, 12.0345



2.3571, 1.1852, 1.4620

Previews

White Background



This preview shows how the XYZ color 73.7645, 64.7817, 79.1373 looks on a white background.

Color Contrast Check

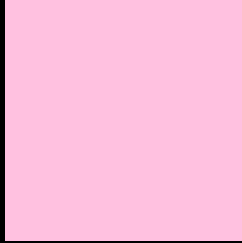
Large Text (above 18pt) WCAG AA × Fail

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 73.7645, 64.7817, 79.1373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

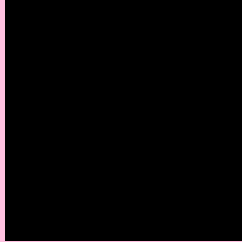
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.7645, 64.7817, 79.1373

Background



This preview shows how black text looks on a background with the XYZ color 73.7645, 64.7817, 79.1373.



This preview shows how white text looks on a background with the XYZ color 73.7645, 64.7817,

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

73.7645, 64.7817, 79.1373

Protanopia

63.6642, 64.9513, 87.0233

Deuteranopia

66.3802, 65.1053, 78.1752



Tritanopia

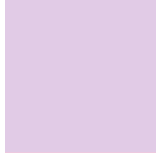
71.6560, 64.5660, 69.6586

Trichromacy



Original Color

73.7645, 64.7817, 79.1373



Protanomaly

66.6902, 64.4326, 83.7847



Deuteranomaly

69.1310, 65.1055, 78.7351



Tritanomaly

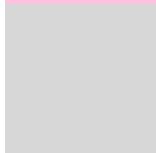
72.4306, 64.5607, 72.9339

Monochromacy



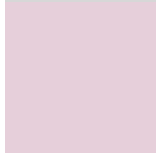
Original Color

73.7645, 64.7817, 79.1373



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

67.6008, 66.5106, 75.6045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7645, 64.7817, 79.1373 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 224) }
```

Border

The CSS property to change the border of an element to XYZ 73.7645, 64.7817, 79.1373 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, 224) }
```


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

```
.border{ border-color:rgb(255, 193, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7645, 64.7817, 79.1373 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, 224) }
```

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

```
.background{ background-color: rgb(255,  
193, 224) }
```

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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