

Converting Colors

XYZ(78.9779, 73.8849, 84.9556)

Have a look what the booklet for
XYZ(78.9779, 73.8849, 84.9556)
contains.

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Color

**XYZ(79.0664, 74.0601,
84.9907)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4E6
RGB	255, 212, 230
RGB Percent	100%, 83%, 90%
CMY	0.0000, 0.1686, 0.0980
CMYK	0.00, 0.17, 0.10, 0.00
HSL	335°, 100%, 92%
HSV	335°, 17%, 100%
XYZ	79.0664, 74.0601, 84.9907
YIQ	226.9090, 19.8500, 14.7140

Conversions

Conversions Part 2

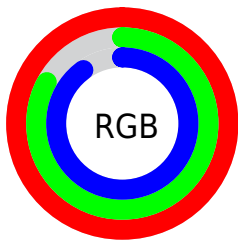
Format	Color
R_{YB}	255, 212, 230
Decimal	16766182
CIE Lab	88.95, 17.87, -3.20
CIE LCh	89, 18.151, 349.852
Yxy	74.0601, 0.3320, 0.3110
Android (android.graphics.Color)	4294956262 (0xFFFFD4E6)
YUV	226.9090, 1.5239, 24.6358
Hunter-Lab	86.0582, 13.3960, 1.6862

Details

The XYZ color **79.0664, 74.0601, 84.9907** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.1998, 91.6326, 93.6895**, and the grayscale version is **72.9282, 76.7261, 83.5548**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0835, 39.2149, 45.8559** is the 20% darker color. If you saturate the color by 10%, you get **71.1939, 61.5066, 72.5274**, and if you desaturate by 10%, it is **88.1261, 88.7038, 98.7256**.

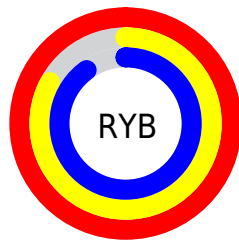
Distribution



Red (100%)

Green (83%)

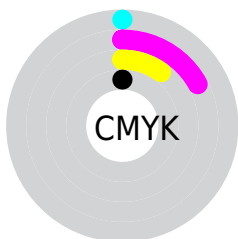
Blue (90%)



Red (100%)

Yellow (83%)

Blue (90%)

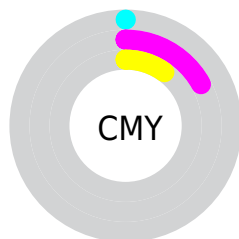


Cyan (0%)

Magenta (17%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0664, 74.0601, 84.9907 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 79.0664, 74.0601, 84.9907 by changing the saturation by 10% instead.

79.0664, 74.0601,
84.9907

79.0664, 74.0601,
84.9907

480.5655,
474.6808, 531.7411

59.2562, 54.8432,
63.2836

131.0098,
124.9810, 142.2342

43.0666, 39.2762,
45.6282

163.8737,
157.4538, 178.6077

30.1321, 26.9747,
31.6060

201.8195,
195.1141, 220.7071

20.0874, 17.5542,
20.7984

245.2127,
238.3462, 268.9509

12.5673, 10.6304,
12.7869

294.4185,
287.5345, 323.7577

7.2062, 5.8189,
7.1530

349.8024,

3.6389, 2.7353,

343.0634, 385.5459

3.4781

411.7296,
405.3174, 454.7342

■ 1.4999, 0.9951,
1.3436

■ 0.3258, 0.0000,
0.0971

■ 79.0664, 74.0601,
84.9907

■ 79.0664, 74.0601,
84.9907

■ 71.1939, 61.5066,
72.5274

■ 88.1261, 88.7038,
98.7256

■ 64.4519, 50.9382,
61.2921

95.0500, 100.0000,
108.9000

■ 58.7868, 42.2543,
51.2454

■ 54.1381, 35.3418,
42.3437

■ 50.4393, 30.0753,
34.5404

■ 47.6150, 26.3128,
27.7845

■ 45.5777, 23.8879,
22.0198

■ 44.2175, 22.5900,
17.1808

■ 43.8798, 22.3159,
15.8309

Harmonies

Analogous

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



77.0694, 74.0601, 97.3192



79.0664, 74.0601, 84.9907



78.6662, 74.0601, 72.6757

Triad

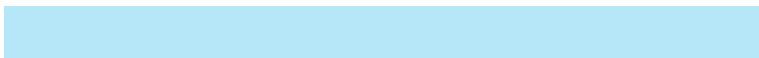
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0664, 74.0601, 84.9907



67.5535, 74.0601, 59.8998



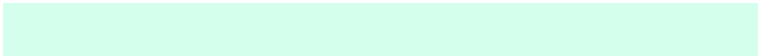
65.0687, 74.0601, 100.6465

Complementary

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



79.0664, 74.0601, 84.9907



78.1998, 91.6326, 93.6895

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.



62.7191, 74.0601, 89.1634



79.0664, 74.0601, 84.9907



64.1117, 74.0601, 65.9824

Square

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



79.0664, 74.0601, 84.9907



71.8955, 74.0601, 59.0327



62.3763, 74.0601, 76.4382



68.9094, 74.0601, 106.9624

Rectangle

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



79.0664, 74.0601, 84.9907



77.0994, 74.0601, 66.0668



62.3763, 74.0601, 76.4382



64.0852, 74.0601, 97.2101

Sweetspot

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



79.0681, 74.0632, 84.9922



89.9458, 91.6649, 101.4235



76.3098, 72.2061, 104.5229



19.1039, 19.3788, 21.4895



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.



79.0681, 74.0632, 84.9922



76.4708, 69.9009, 80.9440



77.3923, 74.5496, 72.6018



18.3247, 18.1132, 20.3273



22.9986, 11.6887, 8.6429



2.2923, 1.1593, 1.1207

Inverse Universe

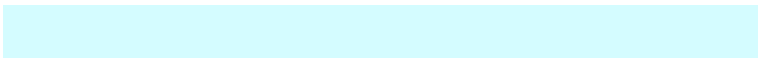
The Inverse Universe completely reimagines the original color for something new.



79.0681, 74.0632, 84.9922



76.4708, 69.9009, 80.9440



80.0555, 90.9228, 107.9382



18.3247, 18.1132, 20.3273



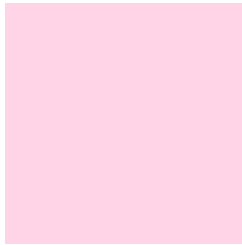
22.9986, 11.6887, 8.6429



2.2923, 1.1593, 1.1207

Previews

White Background



This preview shows how the XYZ color 79.0664, 74.0601, 84.9907 looks on a white background.

Color Contrast Check

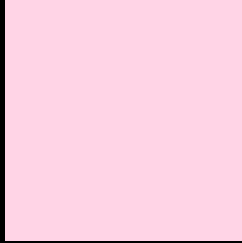
Large Text (above 18pt) WCAG AA × Fail

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 79.0664, 74.0601, 84.9907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

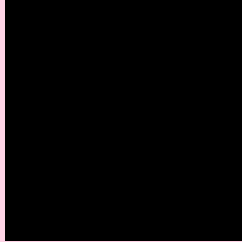
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.0664, 74.0601, 84.9907

Background



This preview shows how black text looks on a background with the XYZ color 79.0664, 74.0601, 84.9907.

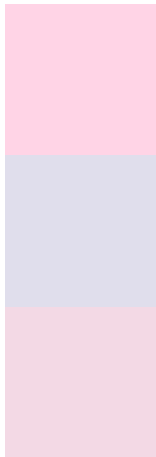


This preview shows how white text looks on a background with the XYZ color 79.0664, 74.0601,

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

79.0664, 74.0601, 84.9907

Protanopia

72.0021, 74.1460, 89.8736

Deuteranopia

75.9179, 74.3375, 84.4760



Tritanopia

78.9263, 74.0041, 84.2531

Trichromacy



Original Color

79.0664, 74.0601, 84.9907

Protanomaly

74.1836, 73.7455, 88.1663

Deuteranomaly

76.8011, 74.0322, 84.3705

Tritanomaly

78.9263, 74.0041, 84.2531

Monochromacy



Original Color

79.0664, 74.0601, 84.9907

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

75.0499, 75.8485, 84.0835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0664, 74.0601, 84.9907 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, 212, 230) looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 230)  
}
```

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, 212, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 230) }
```

Border

The CSS property to change the border of an element to XYZ 79.0664, 74.0601, 84.9907 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, 212, 230) }
```


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

```
.border{ border-color:rgb(255, 212, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0664, 74.0601, 84.9907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 230) }
```

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

```
.background{ background-color: rgb(255,  
212, 230) }
```

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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