

Converting Colors

XYZ(124.3098, 92.6651,
78.9661)

Have a look what the booklet for
XYZ(124.3098, 92.6651, 78.9661)
contains.

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Color

**XYZ(74.3524, 66.8155,
76.6880)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC6DC
RGB	255, 198, 220
RGB Percent	100%, 78%, 86%
CMY	0.0000, 0.2235, 0.1372
CMYK	0.00, 0.22, 0.14, 0.00
HSL	337°, 100%, 89%
HSV	337°, 22%, 100%
XYZ	74.3524, 66.8155, 76.6880
YIQ	217.5510, 26.9100, 18.9260

Conversions

Conversions Part 2

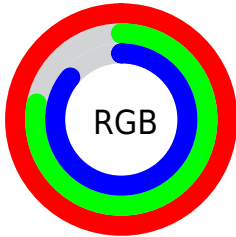
Format	Color
R _Y B	255, 198, 220
Decimal	16762588
CIE Lab	85.41, 23.59, -3.10
CIE LCh	85, 23.792, 352.516
Yxy	66.8155, 0.3413, 0.3067
Android (android.graphics.Color)	4294952668 (0xFFFFC6DC)
YUV	217.5510, 1.2074, 32.8428
Hunter-Lab	81.7407, 19.3195, 1.5935

Details

The XYZ color **74.3524, 66.8155, 76.6880** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.7590, 89.4101, 90.4647**, and the grayscale version is **66.3119, 69.7653, 75.9744**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0535, 34.6689, 40.1780** is the 20% darker color. If you saturate the color by 10%, you get **67.0292, 55.3341, 64.4899**, and if you desaturate by 10%, it is **82.8541, 80.3426, 90.2391**.

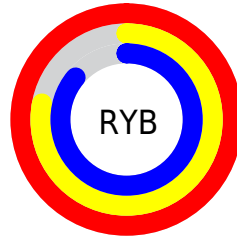
Distribution



Red (100%)

Green (78%)

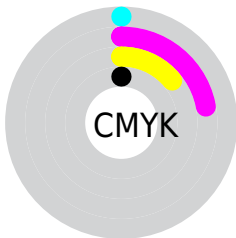
Blue (86%)



Red (100%)

Yellow (78%)

Blue (86%)

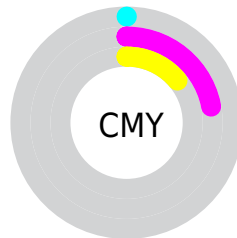


Cyan (0%)

Magenta (22%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3524, 66.8155, 76.6880 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 74.3524, 66.8155, 76.6880 by changing the saturation by 10% instead.

74.3524, 66.8155,
76.6880

74.3524, 66.8155,
76.6880

464.7203,
449.2878, 503.1090

55.3748, 48.9347,
56.4868

124.3881,
114.6560, 130.4680

39.9369, 34.5677,
40.1867

156.1768,
145.3845, 164.8838

27.6734, 23.3301,
27.3693

192.9667,
181.1644, 204.8749

18.2188, 14.8374,
17.6159

235.1231,
222.3800, 250.8599

11.2078, 8.7054,
10.5080

283.0113,
269.4157, 303.2573

6.2751, 4.5495,
5.6271

336.9966,

3.0553, 1.9854,

322.6560, 362.4855

2.5546

397.4445,
382.4852, 428.9633

■ 1.1831, 0.5990,
0.8689

■ 0.0930, 0.0000,
0.0000

■ 74.3524, 66.8155,
76.6880

■ 74.3524, 66.8155,
76.6880

■ 67.0292, 55.3341,
64.4899

■ 82.8541, 80.3426,
90.2391

■ 60.8256, 45.7897,
53.5965

■ 92.5805, 96.0003,
105.1813

■ 55.6842, 38.0761,
43.9620

95.0500, 100.0000,
108.9000

■ 51.5405, 32.0737,
35.5364

■ 48.3224, 27.6481,
28.2655

■ 45.9476, 24.6448,
22.0899

■ 44.3172, 22.8773,
16.9429

■ 43.4640, 22.1496,
13.6415

Harmonies

Analogous

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



72.0953, 66.8155, 92.3613



74.3524, 66.8155, 76.6880



73.5752, 66.8155, 61.9604

Triad

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



74.3524, 66.8155, 76.6880



59.6173, 66.8155, 48.6202



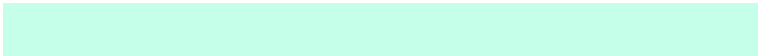
57.4024, 66.8155, 98.9531

Complementary

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



74.3524, 66.8155, 76.6880



73.7590, 89.4101, 90.4647

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.



54.4004, 66.8155, 84.7262



74.3524, 66.8155, 76.6880



55.6278, 66.8155, 56.1332

Square

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



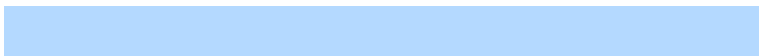
74.3524, 66.8155, 76.6880



64.8664, 66.8155, 47.0994



53.7695, 66.8155, 68.9506



62.1650, 66.8155, 106.3473

Rectangle

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



74.3524, 66.8155, 76.6880



71.4604, 66.8155, 54.4698



53.7695, 66.8155, 68.9506



56.1652, 66.8155, 94.7228

Sweetspot

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



74.3539, 66.8183, 76.6894



87.9026, 88.4493, 98.0582



71.5899, 64.8006, 103.3423



18.6891, 18.7294, 20.7954



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.



74.3539, 66.8183, 76.6894



70.8053, 61.2310, 70.8520



72.9567, 68.3833, 62.7838



18.2995, 18.1031, 20.1944



22.7783, 11.6006, 7.4832



2.2693, 1.1501, 0.9998

Inverse Universe

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



74.3539, 66.8183, 76.6894



70.8053, 61.2310, 70.8520



75.3090, 87.1639, 107.4629



18.2995, 18.1031, 20.1944



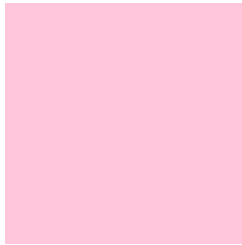
22.7783, 11.6006, 7.4832



2.2693, 1.1501, 0.9998

Previews

White Background



This preview shows how the XYZ color 74.3524, 66.8155, 76.6880 looks on a white background.

Color Contrast Check

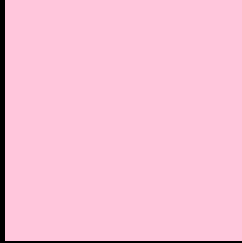
Large Text (above 18pt) WCAG AA × Fail

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 74.3524, 66.8155, 76.6880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

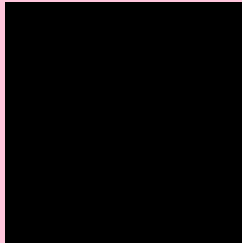
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3524, 66.8155, 76.6880

Background



This preview shows how black text looks on a background with the XYZ color 74.3524, 66.8155, 76.6880.



This preview shows how white text looks on a background with the XYZ color 74.3524, 66.8155,

76.6880.

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

74.3524, 66.8155, 76.6880

Protanopia

65.1269, 66.8902, 83.6073

Deuteranopia

68.2464, 66.8434, 75.6348



Tritanopia

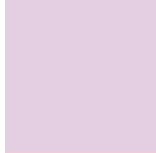
73.4341, 66.7727, 72.6364

Trichromacy



Original Color

74.3524, 66.8155, 76.6880



Protanomaly

68.0352, 66.6106, 81.2228



Deuteranomaly

70.3142, 66.8255, 76.2105



Tritanomaly

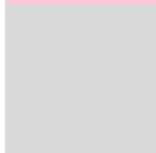
73.6911, 66.8755, 73.9901

Monochromacy



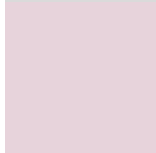
Original Color

74.3524, 66.8155, 76.6880



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

69.0354, 68.6919, 76.6381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3524, 66.8155, 76.6880 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, 198, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 220)  
}
```

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, 198, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 220) }
```

Border

The CSS property to change the border of an element to XYZ 74.3524, 66.8155, 76.6880 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, 198, 220) }
```


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

```
.border{ border-color:rgb(255, 198, 220) }
```

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

Here you see how a box with a 4 pixel rgb(255, 198, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3524, 66.8155, 76.6880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 220) }
```

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

```
.background{ background-color: rgb(255,  
198, 220) }
```

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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