

Converting Colors

XYZ(137.1632, 100.0000,
79.5848)

Have a look what the booklet for
XYZ(137.1632, 100.0000, 79.5848)
contains.

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Color

**XYZ(74.8125, 67.7359,
76.8414)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC8DC
RGB	255, 200, 220
RGB Percent	100%, 78%, 86%
CMY	0.0000, 0.2157, 0.1372
CMYK	0.00, 0.22, 0.14, 0.00
HSL	338°, 100%, 89%
HSV	338°, 22%, 100%
XYZ	74.8125, 67.7359, 76.8414
YIQ	218.7250, 26.3600, 17.8800

Conversions

Conversions Part 2

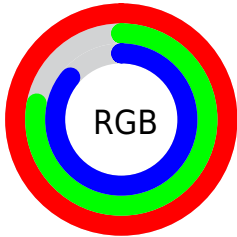
Format	Color
R _Y B	255, 200, 220
Decimal	16763100
CIE Lab	85.87, 22.54, -2.42
CIE LCh	86, 22.669, 353.876
Yxy	67.7359, 0.3410, 0.3087
Android (android.graphics.Color)	4294953180 (0xFFFFC8DC)
YUV	218.7250, 0.6286, 31.8132
Hunter-Lab	82.3018, 18.2286, 2.2549

Details

The XYZ color **74.8125, 67.7359, 76.8414** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.5772, 89.7987, 92.0033**, and the grayscale version is **67.1259, 70.6217, 76.9070**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3591, 35.2801, 40.2799** is the 20% darker color. If you saturate the color by 10%, you get **67.3459, 56.0768, 64.2583**, and if you desaturate by 10%, it is **83.4760, 81.4541, 90.8546**.

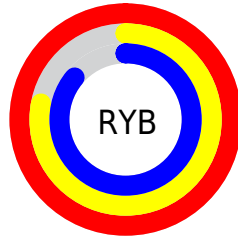
Distribution



Red (100%)

Green (78%)

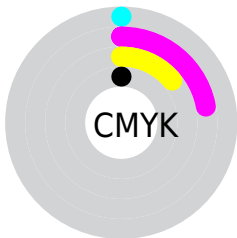
Blue (86%)



Red (100%)

Yellow (78%)

Blue (86%)

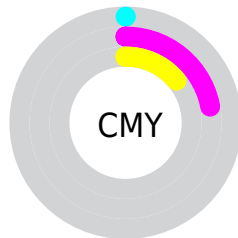


Cyan (0%)

Magenta (22%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.8125, 67.7359, 76.8414 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 74.8125, 67.7359, 76.8414 by changing the saturation by 10% instead.


 74.8125, 67.7359,
76.8414

 74.8125, 67.7359,
76.8414


466.2800,
452.5597, 503.6464

 55.7529, 49.6829,
56.6119


125.0362,
115.9742, 130.6865

 40.2411, 35.1615,
40.2865

156.9311,
146.9284, 165.1393

 27.9116, 23.7873,
27.4465


193.8352,
182.9517, 205.1702

 18.3992, 15.1759,
17.6734

236.1137,
224.4286, 251.1979

 11.3384, 8.9429,
10.5488

284.1321,
271.7435, 303.6408

 6.3639, 4.7040,
5.6540

338.2557,

 3.1103, 2.0746,

325.2807, 362.9175

2.5705

398.8499,
385.4246, 429.4465

■ 1.2124, 0.6503,
0.8772

■ 0.1161, 0.0000,
0.0000

■ 74.8125, 67.7359,
76.8414

■ 74.8125, 67.7359,
76.8414

■ 67.3459, 56.0768,
64.2583

■ 83.4760, 81.4541,
90.8546

■ 61.0165, 46.3681,
53.0538

■ 93.3826, 97.3156,
106.3387

■ 55.7668, 38.5042,
43.1789

95.0500, 100.0000,
108.9000

■ 51.5320, 32.3660,
34.5800

■ 48.2401, 27.8204,
27.1993

■ 45.8088, 24.7143,
20.9737

■ 44.1400, 22.8641,
15.8322

■ 43.2032, 22.0453,
12.2679

Harmonies

Analogous

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



72.7753, 67.7359, 91.9009



74.8125, 67.7359, 76.8414



73.9357, 67.7359, 62.7880

Triad

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



74.8125, 67.7359, 76.8414



60.4289, 67.7359, 50.6012



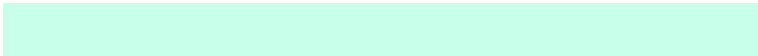
58.6798, 67.7359, 99.3067

Complementary

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



74.8125, 67.7359, 76.8414



74.5772, 89.7987, 92.0033

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.



55.6870, 67.7359, 85.9254



74.8125, 67.7359, 76.8414



56.6582, 67.7359, 58.1666

Square

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



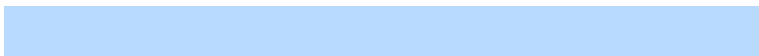
74.8125, 67.7359, 76.8414



65.4505, 67.7359, 48.8477



54.9671, 67.7359, 70.7482



63.3231, 67.7359, 105.9451

Rectangle

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



74.8125, 67.7359, 76.8414



71.8392, 67.7359, 55.6785



54.9671, 67.7359, 70.7482



57.4577, 67.7359, 95.3681

Sweetspot

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



74.8142, 67.7388, 76.8428



88.8334, 90.0123, 99.2889



72.9124, 66.1656, 103.5361



18.8751, 19.0439, 21.0350



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.



74.8142, 67.7388, 76.8428



71.3587, 62.3205, 71.0897



74.0610, 70.2204, 64.2979



18.2823, 18.0962, 20.1038



22.6397, 11.5452, 6.7531



2.2546, 1.1442, 0.9221

Inverse Universe

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



74.8142, 67.7388, 76.8428



71.3587, 62.3205, 71.0897



75.3363, 86.4307, 107.3199



18.2823, 18.0962, 20.1038



22.6397, 11.5452, 6.7531



2.2546, 1.1442, 0.9221

Previews

White Background



This preview shows how the XYZ color 74.8125, 67.7359, 76.8414 looks on a white background.

Color Contrast Check

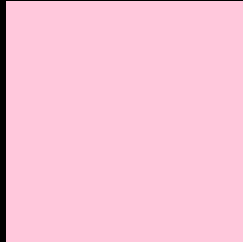
Large Text (above 18pt) WCAG AA × Fail

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 74.8125, 67.7359, 76.8414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

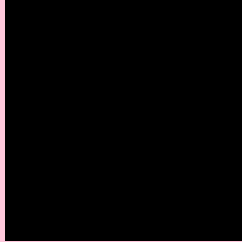
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.8125, 67.7359, 76.8414

Background



This preview shows how black text looks on a background with the XYZ color 74.8125, 67.7359, 76.8414.



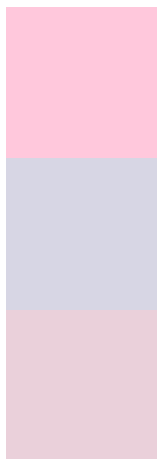
This preview shows how white text looks on a background with the XYZ color 74.8125, 67.7359,

76.8414.

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

74.8125, 67.7359, 76.8414

Protanopia

66.0745, 68.1416, 83.0689

Deuteranopia

69.1424, 67.6661, 75.7463



Tritanopia

74.5213, 67.9912, 74.1617

Trichromacy



Original Color

74.8125, 67.7359, 76.8414

Protanomaly

69.0242, 67.8602, 80.6945

Deuteranomaly

71.2355, 67.6544, 76.3219

Tritanomaly

74.6510, 68.0430, 74.8447

Monochromacy



Original Color

74.8125, 67.7359, 76.8414

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.6084, 69.3572, 76.7364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8125, 67.7359, 76.8414 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, 200, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 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, 200, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 220) }
```

Border

The CSS property to change the border of an element to XYZ 74.8125, 67.7359, 76.8414 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, 200, 220) }
```


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

```
.border{ border-color:rgb(255, 200, 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, 200, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8125, 67.7359, 76.8414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 220) }
```

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

```
.background{ background-color: rgb(255,  
200, 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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