

Converting Colors

XYZ(74.7345, 67.8814, 75.0555)

Have a look what the booklet for XYZ(74.7345, 67.8814, 75.0555) contains.

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Color

**XYZ(74.4187, 67.5783,
74.7673)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC8D9
RGB	255, 200, 217
RGB Percent	100%, 78%, 85%
CMY	0.0000, 0.2157, 0.1490
CMYK	0.00, 0.22, 0.15, 0.00
HSL	341°, 100%, 89%
HSV	341°, 22%, 100%
XYZ	74.4187, 67.5783, 74.7673
YIQ	218.3830, 27.3230, 16.9470

Conversions

Conversions Part 2

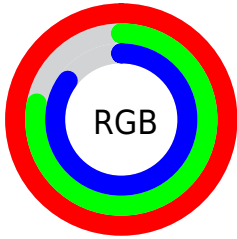
Format	Color
R _Y B	255, 200, 217
Decimal	16763097
CIE Lab	85.80, 22.07, -0.94
CIE LCh	86, 22.089, 357.566
Yxy	67.5783, 0.3433, 0.3118
Android (android.graphics.Color)	4294953177 (0xFFFFC8D9)
YUV	218.3830, -0.6818, 32.1131
Hunter-Lab	82.2060, 17.7303, 3.6193

Details

The XYZ color **74.4187, 67.5783, 74.7673** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.0143, 89.9735, 94.3054**, and the grayscale version is **66.8976, 70.3815, 76.6455**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0892, 35.1722, 38.8584** is the 20% darker color. If you saturate the color by 10%, you get **66.8272, 55.8693, 61.5273**, and if you desaturate by 10%, it is **83.2429, 81.3607, 89.6272**.

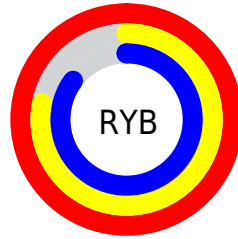
Distribution



Red (100%)

Green (78%)

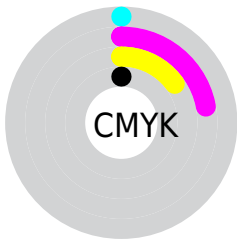
Blue (85%)



Red (100%)

Yellow (78%)

Blue (85%)

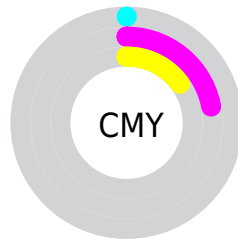


Cyan (0%)

Magenta (22%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.4187, 67.5783, 74.7673 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 74.4187, 67.5783, 74.7673 by changing the saturation by 10% instead.


 74.4187, 67.5783,
74.7673

 74.4187, 67.5783,
74.7673

464.9452,
452.0005, 496.3514

 55.4293, 49.5547,
54.9217


124.4815,
115.7487, 127.7270

 39.9807, 35.0597,
38.9409

156.2856,
146.6643, 161.6781

 27.7077, 23.7089,
26.4062

193.0919,
182.6460, 201.1682

 18.2447, 15.1178,
16.8993

235.2659,
224.0782, 246.6158

 11.2266, 8.9021,
10.0015

283.1729,
271.3454, 298.4393

 6.2879, 4.6774,
5.2944

337.1782,

 3.0632, 2.0592,

324.8319, 357.0574

2.3592

397.6472,
384.9221, 422.8886

■ 1.1873, 0.6416,
0.7641

■ 0.0963, 0.0000,
0.0000

■ 74.4187, 67.5783,
74.7673

■ 74.4187, 67.5783,
74.7673

■ 66.8272, 55.8693,
61.5273

■ 83.2429, 81.3607,
89.6272

■ 60.4074, 46.1244,
49.8465

■ 93.3479, 97.3016,
106.1564

■ 55.0997, 38.2373,
39.6662

95.0500, 100.0000,
108.9000

■ 50.8374, 32.0881,
30.9224

■ 47.5463, 27.5429,
23.5458

■ 45.1417, 24.4475,
17.4608

■ 43.5229, 22.6173,
12.5827

■ 42.6442, 21.8217,
9.3245

Harmonies

Analogous

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



72.7714, 67.5783, 89.5098



74.4187, 67.5783, 74.7673



73.2200, 67.5783, 61.4588

Triad

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



74.4187, 67.5783, 74.7673



59.8457, 67.5783, 51.5988



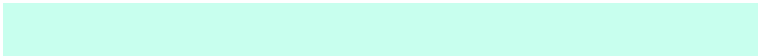
59.1677, 67.5783, 99.6086

Complementary

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



74.4187, 67.5783, 74.7673



75.0143, 89.9735, 94.3054

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.



56.0098, 67.5783, 87.2014



74.4187, 67.5783, 74.7673



56.3866, 67.5783, 59.6643

Square

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



74.4187, 67.5783, 74.7673



64.6439, 67.5783, 49.1683



55.0185, 67.5783, 72.4079



63.8201, 67.5783, 104.9747

Rectangle

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



74.4187, 67.5783, 74.7673



71.0014, 67.5783, 54.9223



55.0185, 67.5783, 72.4079



57.9056, 67.5783, 96.0496

Sweetspot

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



74.4202, 67.5812, 74.7687



88.7061, 89.9614, 98.6183



73.8265, 66.6368, 103.5788



18.8451, 19.0319, 20.8768



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.



74.4202, 67.5812, 74.7687



70.9052, 62.1391, 68.7016



74.7344, 71.5672, 64.5222



18.2405, 18.0795, 19.8837



22.3409, 11.4257, 5.1797



2.2218, 1.1311, 0.7492

Inverse Universe

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



74.4202, 67.5812, 74.7687



70.9052, 62.1391, 68.7016



74.4986, 84.7553, 107.0407



18.2405, 18.0795, 19.8837



22.3409, 11.4257, 5.1797



2.2218, 1.1311, 0.7492

Previews

White Background



This preview shows how the XYZ color 74.4187, 67.5783, 74.7673 looks on a white background.

Color Contrast Check

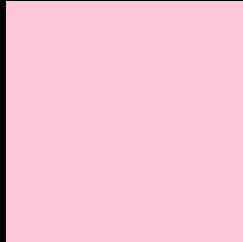
Large Text (above 18pt) WCAG AA × Fail

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 74.4187, 67.5783, 74.7673 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 74.4187, 67.5783, 74.7673

Background



This preview shows how black text looks on a background with the XYZ color 74.4187, 67.5783, 74.7673.



This preview shows how white text looks on a background with the XYZ color 74.4187, 67.5783,

74.7673.

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

74.4187, 67.5783, 74.7673

Protanopia

65.9561, 68.1283, 80.9080

Deuteranopia

69.0826, 67.6802, 73.7125



Tritanopia

74.2889, 67.5264, 74.0842

Trichromacy



Original Color

74.4187, 67.5783, 74.7673

Protanomaly

68.6184, 67.6978, 78.5577

Deuteranomaly

70.8439, 67.4978, 74.2602

Tritanomaly

74.2889, 67.5264, 74.0842

Monochromacy



Original Color

74.4187, 67.5783, 74.7673

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.9042, 68.6394, 75.9468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4187, 67.5783, 74.7673 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 217) }
```

Border

The CSS property to change the border of an element to XYZ 74.4187, 67.5783, 74.7673 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, 217) }
```


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

```
.border{ border-color:rgb(255, 200, 217) }
```

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, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4187, 67.5783, 74.7673 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, 217) }
```

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

```
.background{ background-color: rgb(255,  
200, 217) }
```

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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