

Converting Colors

XYZ(74.1772, 74.9150, 67.4408)

Have a look what the booklet for
XYZ(74.1772, 74.9150, 67.4408)
contains.

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Color

**XYZ(74.1485, 74.9585,
67.6871)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DCCC
RGB	245, 220, 204
RGB Percent	96%, 86%, 80%
CMY	0.0392, 0.1372, 0.2000
CMYK	0.00, 0.10, 0.17, 0.04
HSL	23°, 67%, 88%
HSV	23°, 17%, 96%
XYZ	74.1485, 74.9585, 67.6871
YIQ	225.6510, 20.0360, 0.3240

Conversions

Conversions Part 2

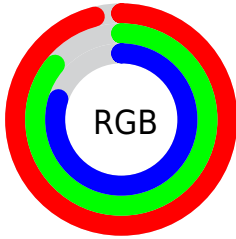
Format	Color
RYB	245, 230, 204
Decimal	16112844
CIELab	89.37, 6.09, 10.99
CIElCh	89, 12.560, 61.015
Yxy	74.9585, 0.3420, 0.3458
Android (android.graphics.Color)	4294302924 (0xFFFF5DCCC)
YUV	225.6510, -10.6739, 16.9691
Hunter-Lab	86.5786, 1.3603, 14.2521

Details

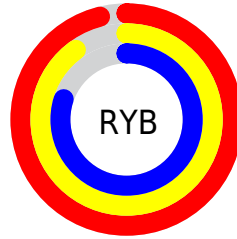
The XYZ color **74.1485, 74.9585, 67.6871** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.4022, 75.4670, 97.2956**, and the grayscale version is **72.1029, 75.8579, 82.6092**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6992, 39.8036, 34.4447** is the 20% darker color. If you saturate the color by 10%, you get **67.6920, 66.3836, 52.1598**, and if you desaturate by 10%, it is **81.4217, 84.4256, 85.7689**.

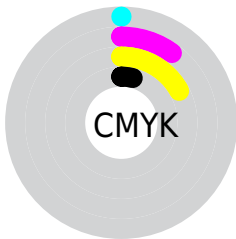
Distribution



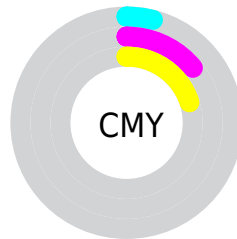
- Red (96%)
- Green (86%)
- Blue (80%)



- Red (96%)
- Yellow (90%)
- Blue (80%)



- Cyan (0%)
- Magenta (10%)
- Yellow (17%)
- Black (4%)



- Cyan (4%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1485, 74.9585, 67.6871 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 74.1485, 74.9585, 67.6871 by changing the saturation by 10% instead.

74.1485, 74.9585,
67.6871

74.1485, 74.9585,
67.6871

464.0281,
477.7749, 470.9545

55.2073, 55.5789,
49.1781

124.1007,
126.2536, 117.5544

39.8022, 39.8654,
34.3942

155.8423,
158.9379, 149.7498

27.5679, 27.4336,
22.9168

192.5816,
196.8259, 187.3444

18.1390, 17.8991,
14.3274

234.6837,
240.3020, 230.7567

11.1501, 10.8776,
8.2074

282.5140,
289.7505, 280.4054

6.2359, 5.9846,
4.1382

336.4380,

3.0311, 2.8357,

345.5559, 336.7089

1.7015

396.8209,
408.1026, 400.0857

■ 1.1702, 1.0466,
0.3618

■ 0.0827, 0.0000,
0.0000

■ 74.1485, 74.9585,
67.6871

■ 74.1485, 74.9585,
67.6871

■ 67.6920, 66.3836,
52.1598

■ 81.4217, 84.4256,
85.7689

■ 62.0153, 58.6639,
39.0657

■ 89.5343, 94.8004,
106.5093

■ 57.0878, 51.7745,
28.2806

■ 91.4665, 98.1526,
108.7323

■ 52.8741, 45.6853,
19.6674

■ 49.3356, 40.3643,
13.0743

■ 46.4294, 35.7767,
8.3295

■ 44.1064, 31.8844,
5.2321

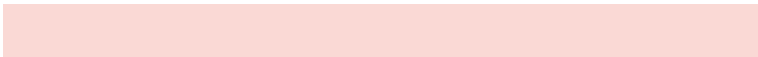
■ 42.3071, 28.6437,
3.5287

■ 41.8064, 27.7124,
3.1456

Harmonies

Analogous

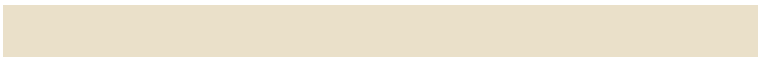
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.4324, 74.9585, 73.2019



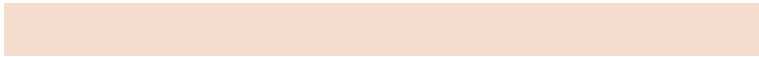
74.1485, 74.9585, 67.6871



71.1411, 74.9585, 65.8351

Triad

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



74.1485, 74.9585, 67.6871



65.4980, 74.9585, 81.9174



74.3350, 74.9585, 97.0010

Complementary

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



74.1485, 74.9585, 67.6871



69.4022, 75.4670, 97.2956

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.



71.3506, 74.9585, 99.7388



74.1485, 74.9585, 67.6871



66.2993, 74.9585, 90.6537

Square

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



74.1485, 74.9585, 67.6871



66.1996, 74.9585, 73.6861



68.4199, 74.9585, 97.3380



76.5422, 74.9585, 90.0976

Rectangle

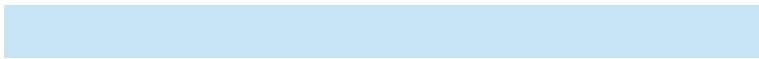
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.1485, 74.9585, 67.6871



69.1471, 74.9585, 66.8133



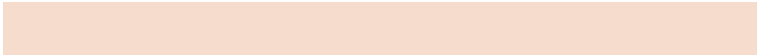
68.4199, 74.9585, 97.3380



73.3865, 74.9585, 98.4604

Sweetspot

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



74.1505, 74.9619, 67.6887



90.6348, 94.3463, 97.6351



73.4324, 68.2722, 83.6447



19.2708, 20.0283, 20.5718



0.0000, 0.0000, 0.0000



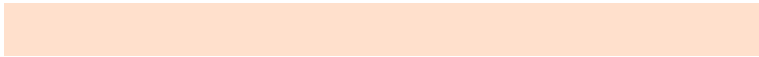
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1505, 74.9619, 67.6887



78.7701, 78.8816, 68.2008



79.7800, 86.2208, 69.5652



17.0297, 17.5434, 17.2862



22.6467, 15.1790, 1.7362



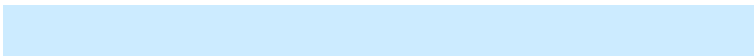
2.0873, 1.5278, 0.1849

Inverse Universe

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



69.4022, 75.4670, 97.2956



72.6865, 79.5267, 106.1269



64.1316, 64.9257, 95.5387



16.4220, 17.6084, 21.0758



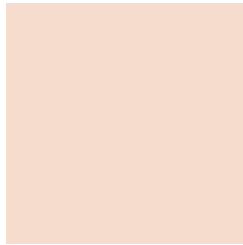
14.8383, 15.4704, 48.7420



1.4039, 1.5592, 4.3172

Previews

White Background



This preview shows how the XYZ color 74.1485, 74.9585, 67.6871 looks on a white background.

Color Contrast Check

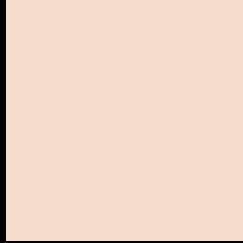
Large Text (above 18pt) WCAG AA × Fail

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 74.1485, 74.9585, 67.6871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

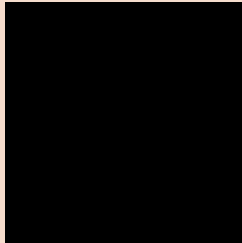
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.1485, 74.9585, 67.6871

Background



This preview shows how black text looks on a background with the XYZ color 74.1485, 74.9585, 67.6871.



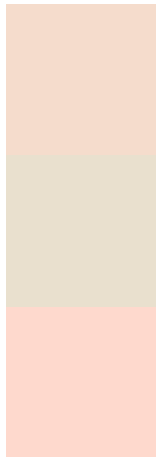
This preview shows how white text looks on a background with the XYZ color 74.1485, 74.9585,

67.6871.

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

74.1485, 74.9585, 67.6871

Protanopia

71.4005, 75.0912, 69.1234

Deuteranopia

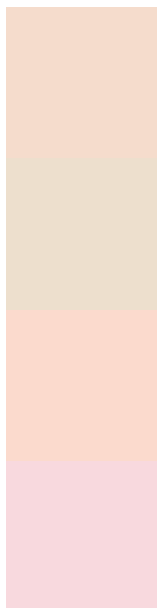
76.7053, 75.1043, 68.2114



Tritanopia

78.3308, 75.1347, 87.4648

Trichromacy



Original Color

74.1485, 74.9585, 67.6871

Protanomaly

72.3322, 75.1877, 68.4580

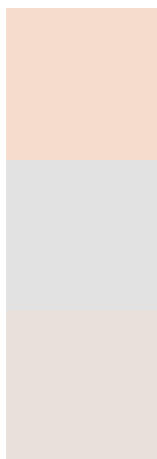
Deuteranomaly

75.8745, 75.0598, 68.2466

Tritanomaly

76.7091, 74.8561, 79.5129

Monochromacy



Original Color

74.1485, 74.9585, 67.6871

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.9148, 75.6969, 77.0976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1485, 74.9585, 67.6871 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(245, 220, 204) looks like.

```
.text, #text, p{  
    color:rgb(245, 220, 204)  
}
```

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(245, 220, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 220, 204) }
```

Border

The CSS property to change the border of an element to XYZ 74.1485, 74.9585, 67.6871 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(245, 220, 204) }
```


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

```
.border{ border-color:rgb(245, 220, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 220, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 220, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 220, 204);  
box-shadow:4px 4px 4px 4px rgb(245, 220,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1485, 74.9585, 67.6871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 220, 204) }
```

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

```
.background{ background-color: rgb(245,  
220, 204) }
```

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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