

Converting Colors

XYZ(75.2318, 74.7315, 74.8820)

Have a look what the booklet for
XYZ(75.2318, 74.7315, 74.8820)
contains.

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Color

**XYZ(74.9933, 74.4616,
74.7099)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DAD7
RGB	245, 218, 215
RGB Percent	96%, 85%, 84%
CMY	0.0392, 0.1451, 0.1569
CMYK	0.00, 0.11, 0.12, 0.04
HSL	6°, 60%, 90%
HSV	6°, 12%, 96%
XYZ	74.9933, 74.4616, 74.7099
YIQ	225.7310, 17.0550, 4.7910

Conversions

Conversions Part 2

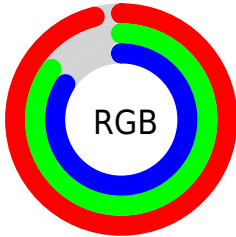
Format	Color
R _Y B	245, 218, 215
Decimal	16112343
CIE Lab	89.14, 8.83, 4.87
CIE LCh	89, 10.089, 28.890
Yxy	74.4616, 0.3345, 0.3322
Android (android.graphics.Color)	4294302423 (0xFFF5DAD7)
YUV	225.7310, -5.2904, 16.8989
Hunter-Lab	86.2911, 4.1201, 9.0712

Details

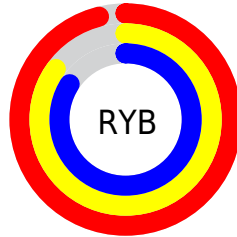
The XYZ color **74.9933, 74.4616, 74.7099** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.2574, 84.5420, 98.6859**, and the grayscale version is **72.1246, 75.8807, 82.6340**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4286, 39.5513, 38.7610** is the 20% darker color. If you saturate the color by 10%, you get **66.7365, 62.6139, 57.5713**, and if you desaturate by 10%, it is **84.4862, 88.0253, 94.5881**.

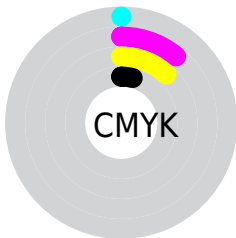
Distribution



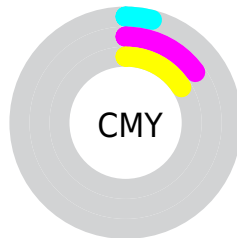
- Red (96%)
- Green (85%)
- Blue (84%)



- Red (96%)
- Yellow (85%)
- Blue (84%)



- Cyan (0%)
- Magenta (11%)
- Yellow (12%)
- Black (4%)





- Cyan (4%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.9933, 74.4616, 74.7099 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 74.9933, 74.4616, 74.7099 by changing the saturation by 10% instead.


 74.9933, 74.4616,
74.7099

 74.9933, 74.4616,
74.7099


466.8921,
476.0650, 496.1487

 55.9016, 55.1719,
54.8750


125.2908,
125.5499, 127.6449

 40.3607, 39.5394,
38.9037


157.2273,
158.1174, 161.5821

 28.0053, 27.1796,
26.3776


194.1761,
195.8796, 201.0572

 18.4702, 17.7081,
16.8780

236.5026,
239.2209, 246.4885

 11.3898, 10.7407,
9.9865

284.5721,
288.5256, 298.2949

 6.3989, 5.8927,
5.2845

338.7499,

 3.1321, 2.7800,

344.1783, 356.8946

2.3535

399.4014,
406.5633, 422.7064

■ 1.2240, 1.0180,
0.7610

■ 0.1252, 0.0000,
0.0000

■ 74.9933, 74.4616,
74.7099

■ 74.9933, 74.4616,
74.7099

■ 66.7365, 62.6139,
57.5713

■ 84.4862, 88.0253,
94.5881

■ 59.6588, 52.4044,
43.0477

■ 91.4665, 98.1526,
108.7323

■ 53.7082, 43.7639,
31.0119

■ 48.8262, 36.6146,
21.3239

■ 44.9490, 30.8717,
13.8302

■ 42.0060, 26.4422,
8.3589

■ 39.9172, 23.2217,
4.7123

■ 38.5891, 21.0898,
2.6530

■ 37.9943, 20.0883,
1.8749

Harmonies

Analogous

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



75.6055, 74.4616, 81.3384



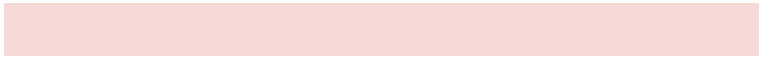
74.9933, 74.4616, 74.7099



73.2440, 74.4616, 70.0291

Triad

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



74.9933, 74.4616, 74.7099



66.8031, 74.4616, 74.2808



70.6820, 74.4616, 95.3780

Complementary

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



74.9933, 74.4616, 74.7099



76.2574, 84.5420, 98.6859

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.



68.3592, 74.4616, 93.2276



74.9933, 74.4616, 74.7099



66.1519, 74.4616, 80.8142

Square

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



74.9933, 74.4616, 74.7099



68.5143, 74.4616, 69.7916



66.7151, 74.4616, 87.7939



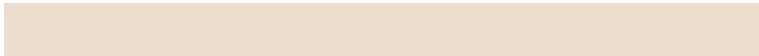
73.0819, 74.4616, 93.5156

Rectangle

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



74.9933, 74.4616, 74.7099



71.6882, 74.4616, 68.5046



66.7151, 74.4616, 87.7939



69.8666, 74.4616, 95.0984

Sweetspot

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



74.9954, 74.4649, 74.7115



90.5924, 93.6434, 99.5265



77.9844, 74.4251, 94.2604



19.2164, 19.7951, 20.9374



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.



74.9954, 74.4649, 74.7115



79.4778, 77.7486, 76.2933



79.0616, 82.5974, 76.0669



16.6326, 16.7494, 17.1539



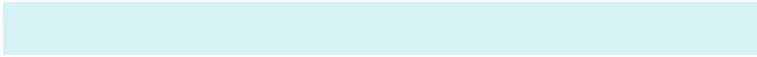
20.5130, 10.9117, 1.0250



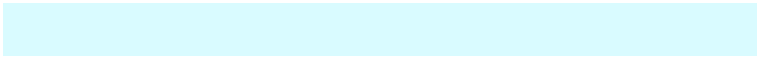
1.8467, 1.0467, 0.1047

Inverse Universe

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



76.2574, 84.5420, 98.6859



81.1411, 91.0336, 107.9024



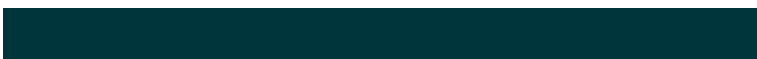
71.9758, 75.9788, 97.2587



16.8466, 18.4575, 21.2173



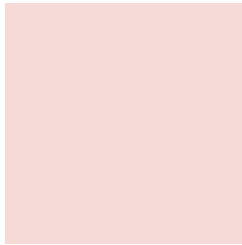
22.7907, 31.3751, 51.3928



2.0433, 2.8380, 4.5303

Previews

White Background



This preview shows how the XYZ color 74.9933, 74.4616, 74.7099 looks on a white background.

Color Contrast Check

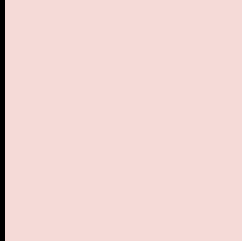
Large Text (above 18pt) WCAG AA × Fail

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 74.9933, 74.4616, 74.7099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

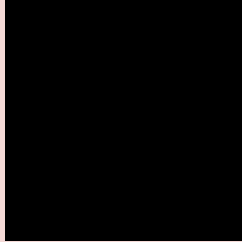
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

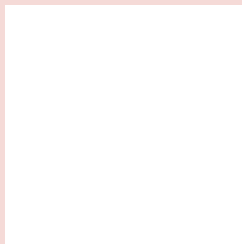
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9933, 74.4616, 74.7099

Background



This preview shows how black text looks on a background with the XYZ color 74.9933, 74.4616, 74.7099.



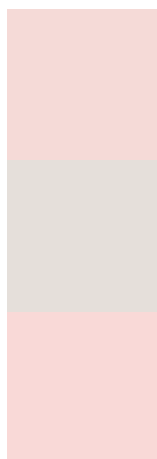
This preview shows how white text looks on a background with the XYZ color 74.9933, 74.4616,

74.7099.

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

74.9933, 74.4616, 74.7099

Protanopia

71.3557, 74.4953, 76.9479

Deuteranopia

76.1455, 74.6717, 74.6898



Tritanopia

77.2237, 74.2012, 86.5961

Trichromacy



Original Color

74.9933, 74.4616, 74.7099

Protanomaly

72.6418, 74.3848, 76.1747

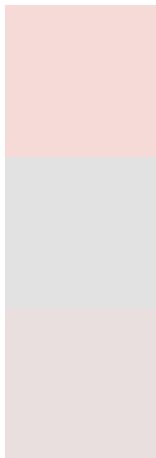
Deuteranomaly

75.7900, 74.4885, 74.6731

Tritanomaly

76.2894, 74.1956, 82.2518

Monochromacy



Original Color

74.9933, 74.4616, 74.7099

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.1768, 75.3729, 79.7988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9933, 74.4616, 74.7099 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, 218, 215)` looks like.

```
.text, #text, p{  
    color:rgb(245, 218, 215)  
}
```

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, 218, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 218, 215) }
```

Border

The CSS property to change the border of an element to XYZ 74.9933, 74.4616, 74.7099 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, 218, 215) }
```


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

```
.border{ border-color:rgb(245, 218, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 218, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 218, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 218, 215);  
box-shadow:4px 4px 4px 4px rgb(245, 218,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9933, 74.4616, 74.7099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 218, 215) }
```

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

```
.background{ background-color: rgb(245,  
218, 215) }
```

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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