

Converting Colors

XYZ(75.6358, 75.7449, 74.3869)

Have a look what the booklet for
XYZ(75.6358, 75.7449, 74.3869)
contains.

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Color

**XYZ(75.3870, 75.4539,
74.2091)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DCD6
RGB	245, 220, 214
RGB Percent	96%, 86%, 84%
CMY	0.0392, 0.1372, 0.1608
CMYK	0.00, 0.10, 0.13, 0.04
HSL	12°, 61%, 90%
HSV	12°, 13%, 96%
XYZ	75.3870, 75.4539, 74.2091
YIQ	226.7910, 16.8260, 3.4340

Conversions

Conversions Part 2

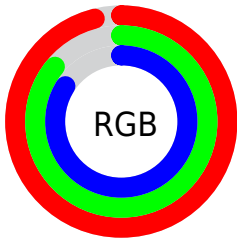
Format	Color
R _Y B	245, 221, 214
Decimal	16112854
CIE Lab	89.61, 7.64, 6.07
CIE LCh	90, 9.756, 38.486
Yxy	75.4539, 0.3350, 0.3353
Android (android.graphics.Color)	4294302934 (0xFFF5DCD6)
YUV	226.7910, -6.3060, 15.9693
Hunter-Lab	86.8642, 2.9028, 10.1528

Details

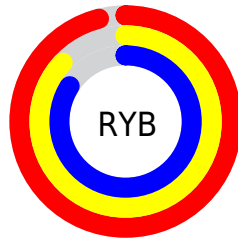
The XYZ color **75.3870, 75.4539, 74.2091** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.0792, 82.6202, 98.3772**, and the grayscale version is **72.8994, 76.6958, 83.5217**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6994, 40.2323, 38.4214** is the 20% darker color. If you saturate the color by 10%, you get **67.6089, 64.5336, 57.3229**, and if you desaturate by 10%, it is **84.2526, 87.7945, 93.7814**.

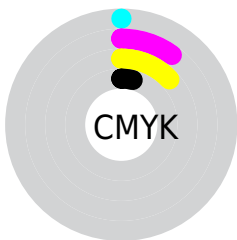
Distribution



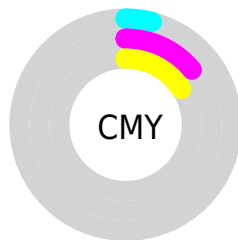
- Red (96%)
- Green (86%)
- Blue (84%)



- Red (96%)
- Yellow (87%)
- Blue (84%)



- Cyan (0%)
- Magenta (10%)
- Yellow (13%)
- Black (4%)





- Cyan (4%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3870, 75.4539, 74.2091 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 75.3870, 75.4539, 74.2091 by changing the saturation by 10% instead.


 75.3870, 75.4539,
74.2091

 75.3870, 75.4539,
74.2091

468.2234,
479.4762, 494.3774

 56.2253, 55.9848,
54.4674


125.8450,
126.9547, 126.9290

 40.6213, 40.1908,
38.5797


157.8720,
159.7552, 160.7442

 28.2096, 27.6873,
26.1276


194.9182,
197.7682, 200.0876

 18.6250, 18.0901,
16.6925

237.3488,
241.3783, 245.3779

 11.5020, 11.0147,
9.8559

285.5293,
290.9697, 297.0334

 6.4753, 6.0767,
5.1991

339.8250,

 3.1796, 2.8918,

346.9269, 355.4728

2.3038

400.6012,
409.6343, 421.1147

■ 1.2494, 1.0755,
0.7333

■ 0.1449, 0.0000,
0.0000

■ 75.3870, 75.4539,
74.2091

■ 75.3870, 75.4539,
74.2091

■ 67.6089, 64.5336,
57.3229

■ 84.2526, 87.7945,
93.7814

■ 60.8699, 54.9726,
43.0006

■ 91.4665, 98.1527,
108.7323

■ 55.1270, 46.7205,
31.1176

■ 50.3319, 39.7195,
21.5372

■ 46.4322, 33.9079,
14.1089

■ 43.3699, 29.2183,
8.6642

■ 41.0799, 25.5763,
5.0094

■ 39.4866, 22.8981,
2.9109

■ 38.6913, 21.4822,
2.1072

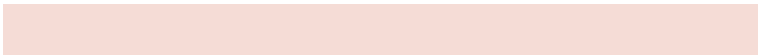
Harmonies

Analogous

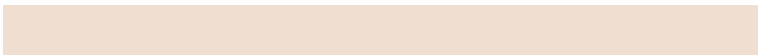
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.3747, 75.4539, 80.2231



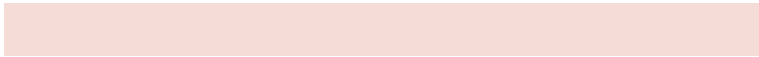
75.3870, 75.4539, 74.2091



73.4211, 75.4539, 70.4728

Triad

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



75.3870, 75.4539, 74.2091



67.5118, 75.4539, 77.4079



72.3993, 75.4539, 95.9223

Complementary

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



75.3870, 75.4539, 74.2091



75.0792, 82.6202, 98.3772

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.



70.0389, 75.4539, 95.0650



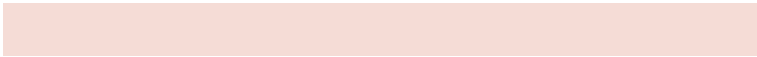
75.3870, 75.4539, 74.2091



67.2520, 75.4539, 84.1206

Square

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



75.3870, 75.4539, 74.2091



68.8852, 75.4539, 72.2468



68.1674, 75.4539, 90.6519



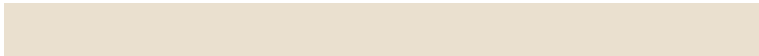
74.6247, 75.4539, 92.9332

Rectangle

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



75.3870, 75.4539, 74.2091



71.8386, 75.4539, 69.6495



68.1674, 75.4539, 90.6519



71.5949, 75.4539, 96.0776

Sweetspot

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



75.3891, 75.4572, 74.2107



90.8831, 94.2247, 99.6233



77.3305, 73.7574, 92.0686



19.2897, 19.9416, 20.9618



0.0000, 0.0000, 0.0000



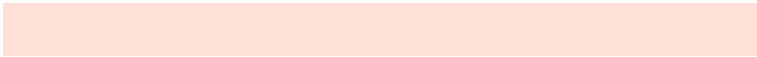
20.3446, 21.4041, 23.3091

Same Dimension

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



75.3891, 75.4572, 74.2107



80.4302, 79.6533, 76.6108



79.5555, 83.7902, 75.5995



16.7589, 17.0019, 17.1960



20.9187, 11.7230, 1.1602



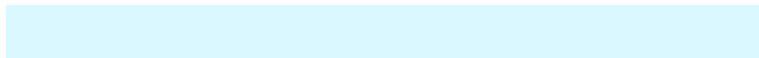
1.9068, 1.1668, 0.1247

Inverse Universe

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



75.0792, 82.6202, 98.3772



80.0329, 88.8173, 107.5330



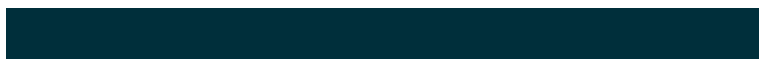
70.8204, 74.1026, 96.9576



16.7080, 18.1803, 21.1711



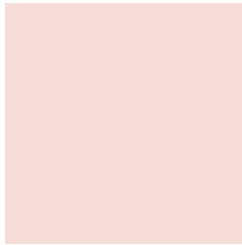
19.8004, 25.3946, 50.3961



1.8085, 2.3685, 4.4521

Previews

White Background



This preview shows how the XYZ color 75.3870, 75.4539, 74.2091 looks on a white background.

Color Contrast Check

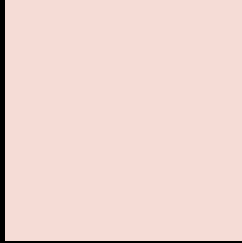
Large Text (above 18pt) WCAG AA × Fail

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 75.3870, 75.4539, 74.2091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

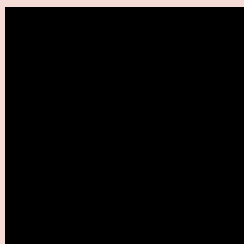
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

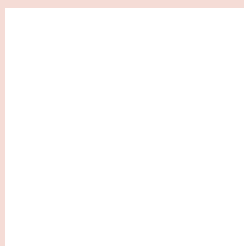
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3870, 75.4539, 74.2091

Background



This preview shows how black text looks on a background with the XYZ color 75.3870, 75.4539, 74.2091.

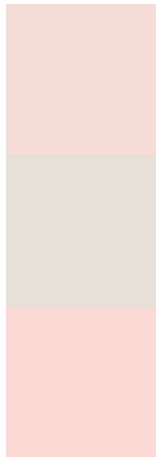


This preview shows how white text looks on a background with the XYZ color 75.3870, 75.4539,

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

75.3870, 75.4539, 74.2091

Protanopia

72.0053, 75.2581, 75.6969

Deuteranopia

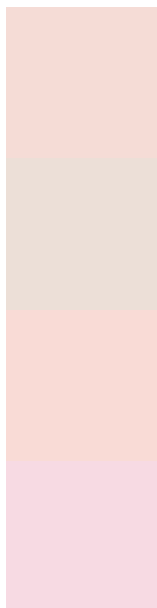
76.9927, 75.5071, 74.1347



Tritanopia

78.3755, 75.5227, 88.2884

Trichromacy



Original Color

75.3870, 75.4539, 74.2091

Protanomaly

73.2455, 75.5145, 75.0053

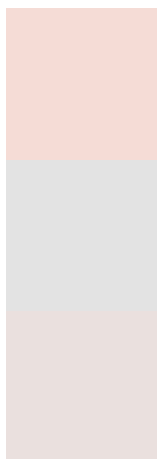
Deuteranomaly

76.5360, 75.6578, 74.1879

Tritanomaly

77.2943, 75.4630, 83.1650

Monochromacy



Original Color

75.3870, 75.4539, 74.2091

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.7722, 76.0777, 79.9035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3870, 75.4539, 74.2091 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, 214) looks like.

```
.text, #text, p{  
    color:rgb(245, 220, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 220, 214) }
```

Border

The CSS property to change the border of an element to XYZ 75.3870, 75.4539, 74.2091 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, 214) }
```


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

```
.border{ border-color:rgb(245, 220, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 220, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 220, 214);  
box-shadow:4px 4px 4px 4px rgb(245, 220,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3870, 75.4539, 74.2091 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, 214) }
```

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

```
.background{ background-color: rgb(245,  
220, 214) }
```

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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