

Converting Colors

XYZ(75.8971, 76.3844, 74.1706)

Have a look what the booklet for
XYZ(75.8971, 76.3844, 74.1706)
contains.

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Color

**XYZ(75.9151, 76.5101,
74.3851)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F5DED6 |
| RGB | 245, 222, 214 |
| RGB Percent | 96%, 87%, 84% |
| CMY | 0.0392, 0.1294, 0.1608 |
| CMYK | 0.00, 0.09, 0.13, 0.04 |
| HSL | 15°, 61%, 90% |
| HSV | 15°, 13%, 96% |
| XYZ | 75.9151, 76.5101, 74.3851 |
| YIQ | 227.9650, 16.2760, 2.3880 |

Conversions

Conversions Part 2

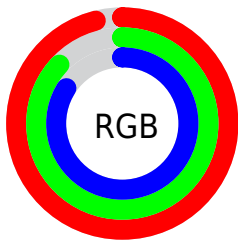
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 245, 225, 214 |
| Decimal | 16113366 |
| CIE Lab | 90.10, 6.60, 6.78 |
| CIE LCh | 90, 9.461, 45.759 |
| Yxy | 76.5101, 0.3347, 0.3373 |
| Android (android.graphics.Color) | 4294303446 (0xFFF5DED6) |
| YUV | 227.9650, -6.8847, 14.9397 |
| Hunter-Lab | 87.4701, 1.8472, 10.8084 |

Details

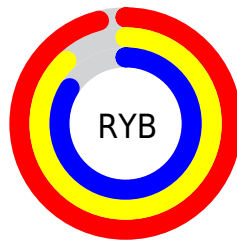
The XYZ color **75.9151, 76.5101, 74.3851** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.4968, 81.4555, 98.1831**, and the grayscale version is **73.7594, 77.6007, 84.5071**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0630, 40.9595, 38.5426** is the 20% darker color. If you saturate the color by 10%, you get **68.4494, 66.2145, 57.6030**, and if you desaturate by 10%, it is **84.3761, 88.0414, 93.8225**.

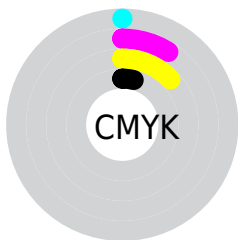
Distribution



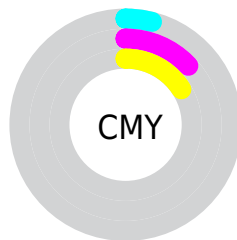
- Red (96%)
- Green (87%)
- Blue (84%)



- Red (96%)
- Yellow (88%)
- Blue (84%)



- Cyan (0%)
- Magenta (9%)
- Yellow (13%)
- Black (4%)





- Cyan (4%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9151, 76.5101, 74.3851 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 75.9151, 76.5101, 74.3851 by changing the saturation by 10% instead.


 75.9151, 76.5101,
74.3851

 75.9151, 76.5101,
74.3851


470.0059,
483.0921, 495.0003

 56.6597, 56.8509,
54.6106


126.5879,
128.4477, 127.1806

 40.9712, 40.8855,
38.6935


158.7360,
161.4949, 161.0388

 28.4841, 28.2297,
26.2154


195.9124,
199.7735, 200.4285

 18.8332, 18.4988,
16.7576

238.4824,
243.6680, 245.7684

 11.6531, 11.3087,
9.9017

286.8114,
293.5627, 297.4770

 6.5785, 6.2749,
5.2291

341.2647,

 3.2439, 3.0129,

349.8420, 355.9728

2.3212

402.2078,
412.8903, 421.6744

■ 1.2840, 1.1385,
0.7431

■ 0.1712, 0.0106,
0.0000

■ 75.9151, 76.5101,
74.3851

■ 75.9151, 76.5101,
74.3851

■ 68.4494, 66.2145,
57.6030

■ 84.3761, 88.0414,
93.8225

■ 61.9352, 57.1032,
43.3557

■ 91.4665, 98.1527,
108.7323

■ 56.3348, 49.1361,
31.5202

■ 51.6056, 42.2668,
21.9618

■ 47.7012, 36.4459,
14.5319

■ 44.5706, 31.6197,
9.0644

■ 42.1566, 27.7298,
5.3683

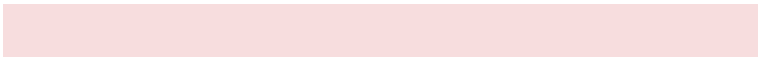
■ 40.3927, 24.7103,
3.2129

■ 39.4486, 22.9967,
2.3596

Harmonies

Analogous

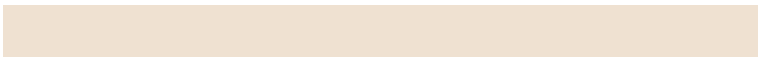
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.1513, 76.5101, 79.8450



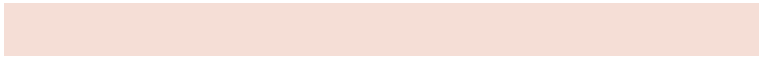
75.9151, 76.5101, 74.3851



73.8365, 76.5101, 71.3954

Triad

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



75.9151, 76.5101, 74.3851



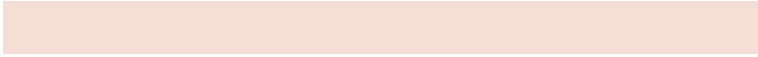
68.4330, 76.5101, 80.1670



73.9532, 76.5101, 96.3761

Complementary

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



75.9151, 76.5101, 74.3851



74.4968, 81.4555, 98.1831

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.



71.6159, 76.5101, 96.4738



75.9151, 76.5101, 74.3851



68.4627, 76.5101, 86.8666

Square

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



75.9151, 76.5101, 74.3851



69.5348, 76.5101, 74.6098



69.6169, 76.5101, 92.9141



76.0021, 76.5101, 92.6540

Rectangle

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



75.9151, 76.5101, 74.3851



72.2686, 76.5101, 71.0963



69.6169, 76.5101, 92.9141



73.1744, 76.5101, 96.8403

Sweetspot

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



75.9172, 76.5135, 74.3867



91.0845, 94.6275, 99.6905



77.0263, 73.6357, 90.4667



19.3405, 20.0432, 20.9788



0.0000, 0.0000, 0.0000



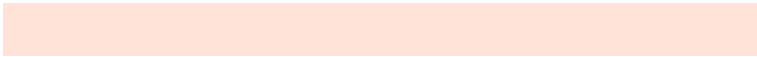
20.3446, 21.4041, 23.3091

Same Dimension

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



75.9172, 76.5135, 74.3867



81.0989, 80.9908, 76.8337



80.1513, 84.9817, 75.7981



16.8469, 17.1780, 17.2253



21.3458, 12.5772, 1.3026



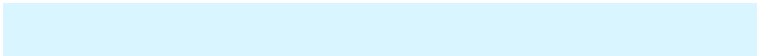
1.9558, 1.2649, 0.1411

Inverse Universe

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



74.4968, 81.4555, 98.1831



79.2808, 87.3130, 107.2823



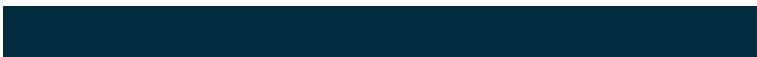
70.2689, 72.9996, 96.7738



16.6134, 17.9911, 21.1396



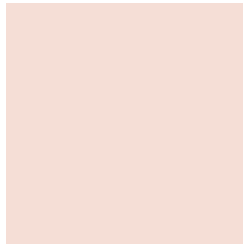
17.9795, 21.7527, 49.7891



1.6628, 2.0769, 4.4035

Previews

White Background



This preview shows how the XYZ color 75.9151, 76.5101, 74.3851 looks on a white background.

Color Contrast Check

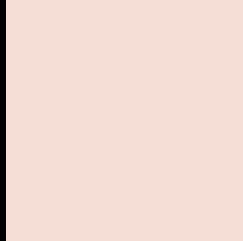
Large Text (above 18pt) WCAG AA × Fail

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 75.9151, 76.5101, 74.3851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

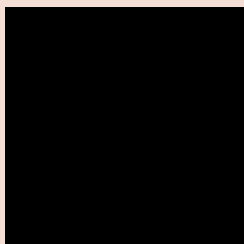
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

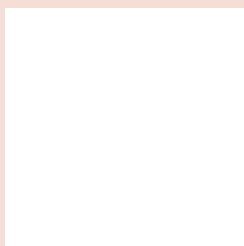
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9151, 76.5101, 74.3851

Background



This preview shows how black text looks on a background with the XYZ color 75.9151, 76.5101, 74.3851.



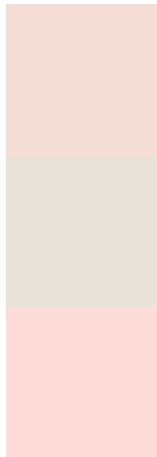
This preview shows how white text looks on a background with the XYZ color 75.9151, 76.5101,

74.3851.

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

75.9151, 76.5101, 74.3851

Protanopia

73.1953, 76.6742, 75.9075

Deuteranopia

78.1053, 76.4520, 74.9301



Tritanopia

79.1832, 76.6756, 89.9833

Trichromacy



Original Color

75.9151, 76.5101, 74.3851

Protanomaly

74.1160, 76.7612, 75.2000

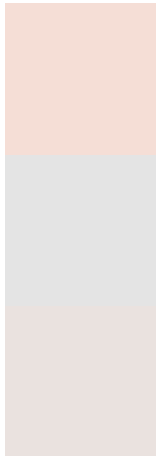
Deuteranomaly

77.2833, 76.4167, 74.9666

Tritanomaly

77.9546, 76.5620, 84.0681

Monochromacy



Original Color

75.9151, 76.5101, 74.3851

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.4473, 77.2129, 80.7918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9151, 76.5101, 74.3851 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, 222, 214) looks like.

```
.text, #text, p{  
    color:rgb(245, 222, 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, 222, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 222, 214) }
```

Border

The CSS property to change the border of an element to XYZ 75.9151, 76.5101, 74.3851 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, 222, 214) }
```


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

```
.border{ border-color:rgb(245, 222, 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, 222, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 222, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 222, 214);  
box-shadow:4px 4px 4px 4px rgb(245, 222,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9151, 76.5101, 74.3851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 222, 214) }
```

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

```
.background{ background-color: rgb(245,  
222, 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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