

# Converting Colors

XYZ(75.9709, 76.5267, 74.1828)

Have a look what the booklet for  
XYZ(75.9709, 76.5267, 74.1828)  
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

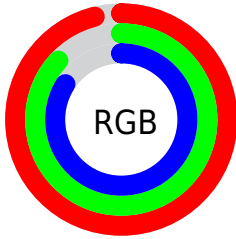
Format	Color
R <sub>Y</sub> B	245, 225, 214
Decimal	16113366
CIE Lab	90.10, 6.60, 6.78
CIE LCh	90, 9.461, 45.759
Yxy	76.5101, 0.3347, 0.3373
Android (android.graphics.Color)	4294303446 (0xFFF5DED6)
YUV	227.9650, -6.8847, 14.9397
Hunter-Lab	87.4701, 1.8472, 10.8084

# Details

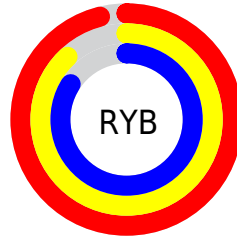
The XYZ color **75.9151, 76.5101, 74.3851** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.4968, 81.4555, 98.1831**, and the grayscale version is **73.7594, 77.6007, 84.5071**.

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**.

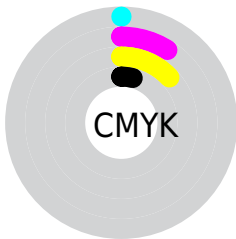
# Distribution



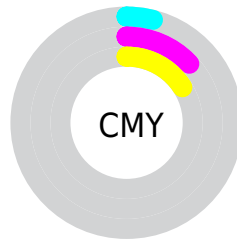
- Red (96%)
- Green (87%)
- Blue (84%)



- 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

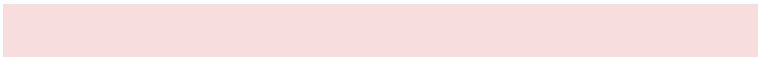
■ 40.3927, 24.7103,  
3.2129

■ 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



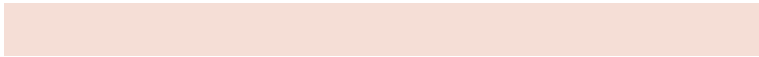
75.9151, 76.5101, 74.3851



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

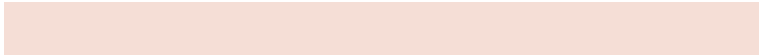


76.0021, 76.5101, 92.6540

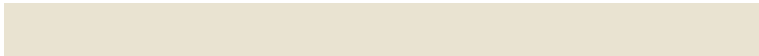


# Rectangle

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



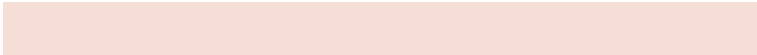
69.6169, 76.5101, 92.9141



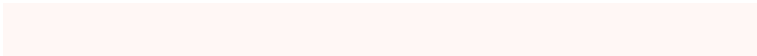
73.1744, 76.5101, 96.8403

# 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

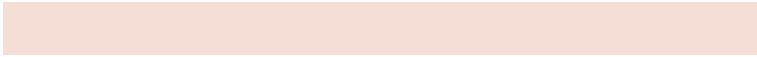


20.3446, 21.4041, 23.3091

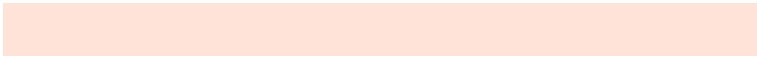


# Same Dimension

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

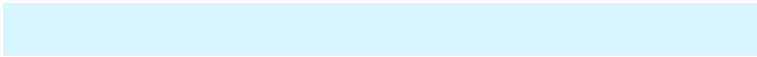


# Inverse Universe

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



74.4968, 81.4555, 98.1831



79.2808, 87.3130, 107.2823



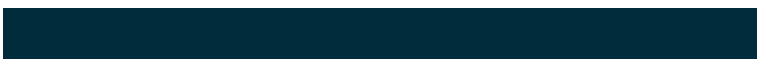
70.2689, 72.9996, 96.7738



16.6134, 17.9911, 21.1396



17.9795, 21.7527, 49.7891

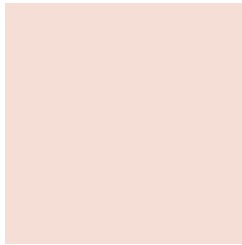


1.6628, 2.0769, 4.4035



# 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

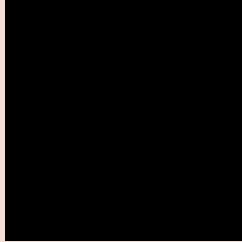
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

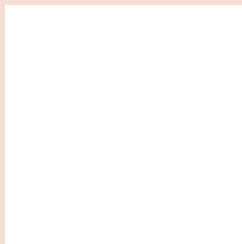
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# 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.



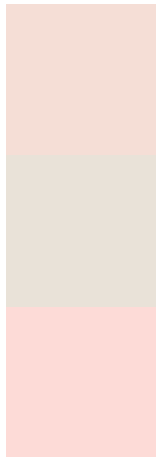
This preview shows how white text looks on a background with the XYZ color 75.9151, 76.5101,

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

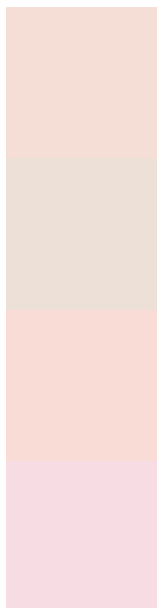
78.1053, 76.4520, 74.9301



## Tritanopia

79.1832, 76.6756, 89.9833

# Trichromacy



## Original Color

75.9151, 76.5101, 74.3851

## Protanomaly

74.1160, 76.7612, 75.2000

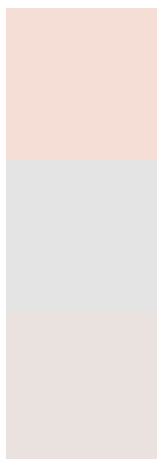
## Deuteranomaly

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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