

# Converting Colors

XYZ(77.4546, 77.5700, 75.9924)

Have a look what the booklet for  
XYZ(77.4546, 77.5700, 75.9924)  
contains.

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# Color

**XYZ(77.4937, 77.6897,  
75.8770)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8DFD8
RGB	248, 223, 216
RGB Percent	97%, 87%, 85%
CMY	0.0274, 0.1255, 0.1529
CMYK	0.00, 0.10, 0.13, 0.03
HSL	13°, 70%, 91%
HSV	13°, 13%, 97%
XYZ	77.4937, 77.6897, 75.8770
YIQ	229.6770, 17.1470, 3.1230

# Conversions

## Conversions Part 2

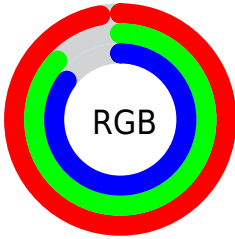
Format	Color
R <sub>Y</sub> B	248, 225, 216
Decimal	16310232
CIE Lab	90.64, 7.46, 6.54
CIE LCh	91, 9.920, 41.270
Yxy	77.6897, 0.3354, 0.3362
Android (android.graphics.Color)	4294500312 (0xFFF8DFD8)
YUV	229.6770, -6.7428, 16.0693
Hunter-Lab	88.1418, 2.6880, 10.6593

# Details

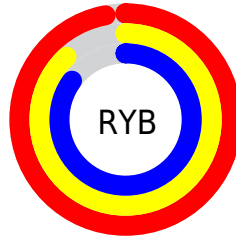
The XYZ color **77.4937, 77.6897, 75.8770** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.7170, 84.2849, 101.0327**, and the grayscale version is **75.0162, 78.9229, 85.9471**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9215, 41.6548, 39.5489** is the 20% darker color. If you saturate the color by 10%, you get **69.6440, 66.7393, 58.6179**, and if you desaturate by 10%, it is **86.4238, 90.0249, 95.8854**.

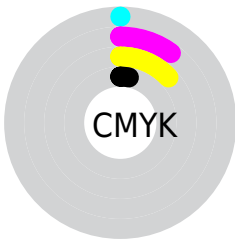
# Distribution



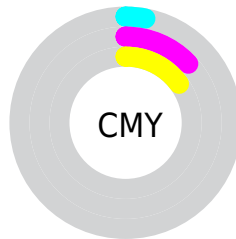
- Red (97%)
- Green (87%)
- Blue (85%)



- Red (97%)
- Yellow (88%)
- Blue (85%)



- Cyan (0%)
- Magenta (10%)
- Yellow (13%)
- Black (3%)




- Cyan (3%)
- Magenta (13%)
- Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 77.4937, 77.6897, 75.8770 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 77.4937, 77.6897, 75.8770 by changing the saturation by 10% instead.




 77.4937, 77.6897,  
75.8770

 77.4937, 77.6897,  
75.8770

475.3118,  
487.1124, 500.2622

 57.9595, 57.8191,  
55.8256


128.8053,  
130.1126, 129.3115

 42.0192, 41.6632,  
39.6601


161.3134,  
163.4337, 163.5317

 29.3075, 28.8377,  
26.9618


198.8769,  
202.0071, 203.3119

 19.4590, 18.9581,  
17.3124

241.8610,  
246.2172, 249.0707

 12.1084, 11.6400,  
10.2931

290.6313,  
296.4484, 301.2266

 6.8903, 6.4990,  
5.4856

345.5529,

 3.4393, 3.1508,

353.0850, 360.1981

2.4712

406.9913,  
416.5116, 426.4038

■ 1.3901, 1.2110,  
0.8249

■ 0.2492, 0.0706,  
0.0000

■ 77.4937, 77.6897,  
75.8770

■ 77.4937, 77.6897,  
75.8770

■ 69.6440, 66.7393,  
58.6179

■ 86.4238, 90.0249,  
95.8854

■ 62.8267, 57.1150,  
43.9827

■ 92.5217, 98.6966,  
108.7817

■ 56.9999, 48.7689,  
31.8437

■ 52.1160, 41.6465,  
22.0602

■ 48.1234, 35.6891,  
14.4778

■ 44.9653, 30.8333,  
8.9234

■ 42.5780, 27.0090,  
5.1975

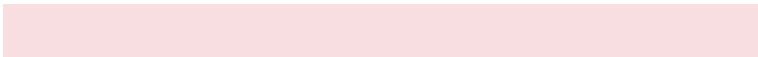
■ 40.8868, 24.1374,  
3.0593

■ 40.0442, 22.6217,  
2.2559

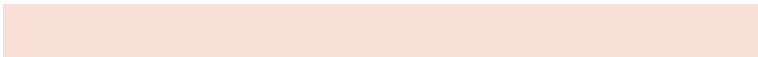
# Harmonies

## Analogous

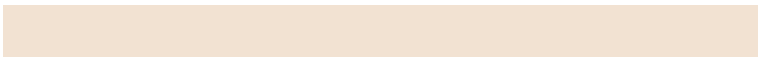
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.6304, 77.6897, 81.9431



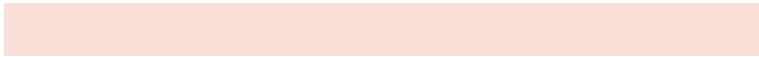
77.4937, 77.6897, 75.8770



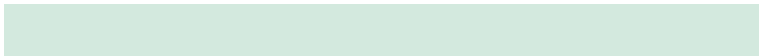
75.3876, 77.6897, 72.2751

# Triad

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



77.4937, 77.6897, 75.8770



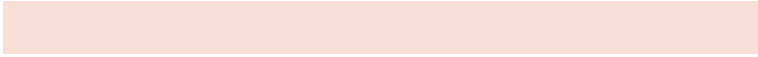
69.4059, 77.6897, 80.2700



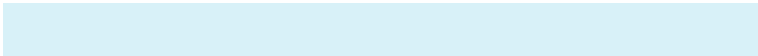
74.7800, 77.6897, 98.7421

# Complementary

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



77.4937, 77.6897, 75.8770



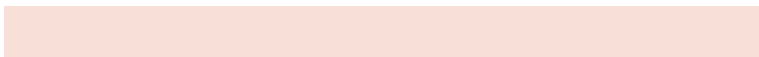
76.7170, 84.2849, 101.0327

# 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.



72.3172, 77.6897, 98.2318



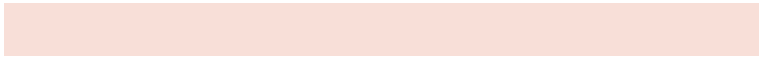
77.4937, 77.6897, 75.8770



69.2516, 77.6897, 87.2951

# Square

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



77.4937, 77.6897, 75.8770



70.7329, 77.6897, 74.7114



70.3063, 77.6897, 93.9476

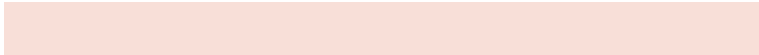


77.0404, 77.6897, 95.3050



# Rectangle

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



77.4937, 77.6897, 75.8770



73.7358, 77.6897, 71.6272



70.3063, 77.6897, 93.9476



73.9478, 77.6897, 99.0313

# Sweetspot

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



77.4958, 77.6931, 75.8786



90.9617, 94.3819, 99.6495



79.1552, 75.4241, 93.6584



19.3095, 19.9813, 20.9684



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

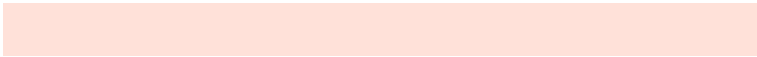


# Same Dimension

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



77.4958, 77.6931, 75.8786



80.6903, 80.1736, 76.6975



81.9538, 86.6091, 77.3646



17.5526, 17.8411, 17.9809



21.7155, 12.3876, 1.2465

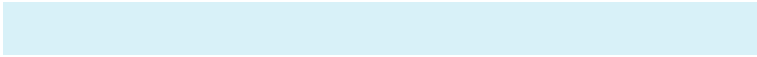


2.0858, 1.2965, 0.1403

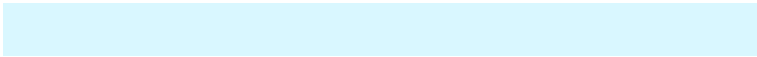


# Inverse Universe

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



76.7170, 84.2849, 101.0327



79.7379, 88.2272, 107.4347



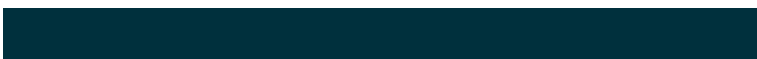
72.2064, 75.2638, 99.5292



17.4246, 18.9260, 22.1200



19.6479, 24.6514, 51.6962

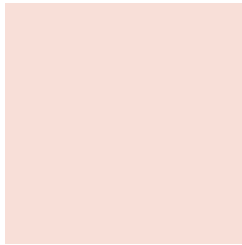


1.8966, 2.4370, 4.8136



# Previews

## White Background



This preview shows how the XYZ color 77.4937, 77.6897, 75.8770 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

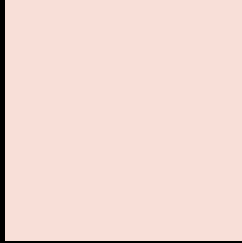
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 77.4937, 77.6897, 75.8770 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

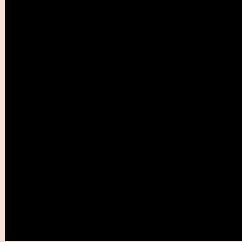
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 77.4937, 77.6897, 75.8770**

## **Background**



This preview shows how black text looks on a background with the XYZ color 77.4937, 77.6897, 75.8770.



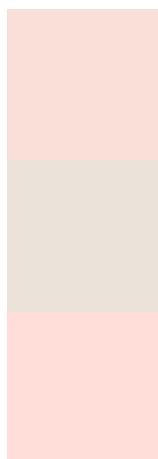
This preview shows how white text looks on a background with the XYZ color 77.4937, 77.6897,

75.8770.

# 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

77.4937, 77.6897, 75.8770

### Protanopia

74.3849, 77.6623, 77.3995

### Deuteranopia

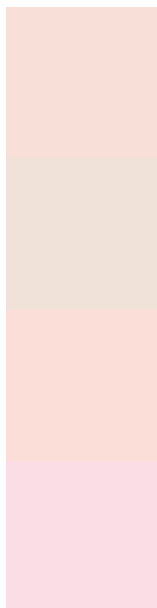
79.4911, 77.9308, 75.8183



## Tritanopia

80.6629, 77.8101, 90.8882

# Trichromacy



## Original Color

77.4937, 77.6897, 75.8770

## Protanomaly

75.6559, 77.9277, 76.6997

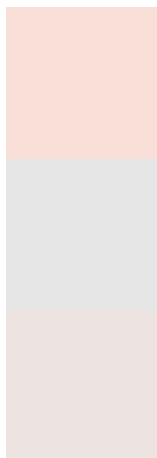
## Deuteranomaly

78.6608, 77.8959, 75.8553

## Tritanomaly

79.4236, 77.6940, 84.9391

# Monochromacy



## Original Color

77.4937, 77.6897, 75.8770

## Achromatopsia

75.2129, 79.1298, 86.1723

## Achromatomaly

75.9847, 78.3789, 82.3580

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 77.4937, 77.6897, 75.8770 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(248, 223, 216) looks like.

```
.text, #text, p{  
    color:rgb(248, 223, 216)  
}
```

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(248, 223, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 223, 216) }
```

## Border

The CSS property to change the border of an element to XYZ 77.4937, 77.6897, 75.8770 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(248, 223, 216) }
```



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

```
.border{ border-color:rgb(248, 223, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 223, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 223, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 223, 216);  
box-shadow:4px 4px 4px 4px rgb(248, 223,  
216) }
```

# Background

The CSS property to change the background color of an element to XYZ 77.4937, 77.6897, 75.8770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 223, 216) }
```

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

```
.background{ background-color: rgb(248,  
223, 216) }
```

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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