

# Converting Colors

XYZ(76.2727, 77.4280, 77.2548)

Have a look what the booklet for  
XYZ(76.2727, 77.4280, 77.2548)  
contains.

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# Color

**XYZ(76.2727, 77.4280,  
77.2548)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3E0DA
RGB	243, 224, 218
RGB Percent	95%, 88%, 85%
CMY	0.0471, 0.1215, 0.1451
CMYK	0.00, 0.08, 0.10, 0.05
HSL	14°, 51%, 90%
HSV	14°, 10%, 95%
XYZ	76.2727, 77.4280, 77.2548
YIQ	228.9970, 13.2500, 2.1620

# Conversions

## Conversions Part 2

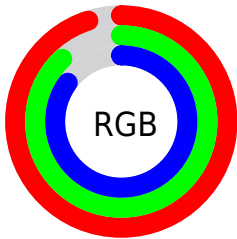
Format	Color
R <sub>Y</sub> B	243, 226, 218
Decimal	15982810
CIE Lab	90.52, 5.51, 5.27
CIE LCh	91, 7.622, 43.742
Yxy	77.4280, 0.3302, 0.3353
Android (android.graphics.Color)	4294172890 (0xFF3E0DA)
YUV	228.9970, -5.4215, 12.2806
Hunter-Lab	87.9932, 0.7362, 9.5408

# Details

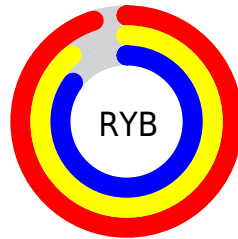
The XYZ color **76.2727, 77.4280, 77.2548** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.3750, 81.9433, 96.6387**, and the grayscale version is **74.5076, 78.3878, 85.3643**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2923, 41.5851, 40.5007** is the 20% darker color. If you saturate the color by 10%, you get **68.6278, 66.8590, 60.1514**, and if you desaturate by 10%, it is **84.9270, 89.2680, 96.9966**.

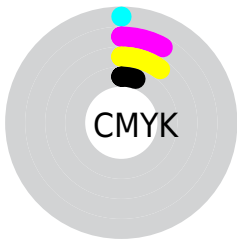
# Distribution



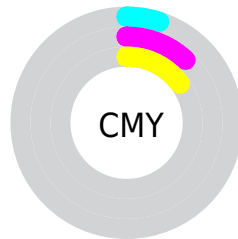
- Red (95%)
- Green (88%)
- Blue (85%)



- Red (95%)
- Yellow (89%)
- Blue (85%)



- Cyan (0%)
- Magenta (8%)
- Yellow (10%)
- Black (5%)



- Cyan (5%)
- Magenta (12%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2727, 77.4280, 77.2548 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 76.2727, 77.4280, 77.2548 by changing the saturation by 10% instead.




 76.2727, 77.4280,  
77.2548

 76.2727, 77.4280,  
77.2548


471.2107,  
486.2221, 505.0931

 56.9540, 57.6042,  
56.9492


127.0906,  
129.7435, 131.2754

 41.2083, 41.4905,  
40.5554


159.3205,  
163.0039, 165.8275

 28.6703, 28.7026,  
27.6548


196.5849,  
201.5121, 205.9655

 18.9745, 18.8559,  
17.8288

239.2490,  
245.6524, 252.1079

 11.7558, 11.5662,  
10.6590

287.6783,  
295.8091, 304.6734

 6.6486, 6.4491,  
5.7267

342.2382,

 3.2877, 3.1200,

352.3667, 364.0803

2.6136

403.2938,  
415.7095, 430.7474

■ 1.3077, 1.1947,  
0.8994

■ 0.1890, 0.0574,  
0.0000

■ 76.2727, 77.4280,  
77.2548

■ 76.2727, 77.4280,  
77.2548

■ 68.6278, 66.8590,  
60.1514

■ 84.9270, 89.2680,  
96.9966

■ 61.9486, 57.5085,  
45.5692

■ 90.7725, 97.7949,  
108.6998

■ 56.1975, 49.3351,  
33.3898

■ 51.3320, 42.2914,  
23.4829

■ 47.3059, 36.3265,  
15.7061

■ 44.0688, 31.3856,  
9.9007

■ 41.5645, 27.4086,  
5.8853

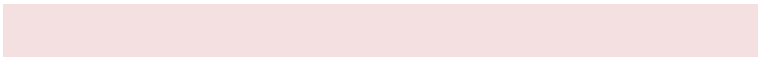
■ 39.7281, 24.3289,  
3.4446

■ 38.4939, 22.1178,  
2.2403

# Harmonies

## Analogous

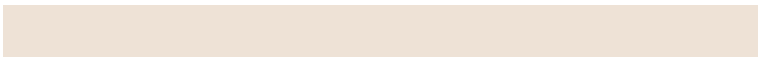
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.2108, 77.4280, 81.8369



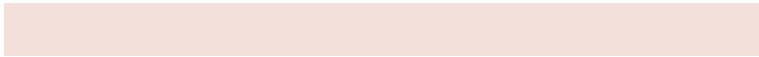
76.2727, 77.4280, 77.2548



74.6238, 77.4280, 74.6254

# Triad

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



76.2727, 77.4280, 77.2548



70.1303, 77.4280, 81.4014



74.4671, 77.4280, 94.9184

# Complementary

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



76.2727, 77.4280, 77.2548



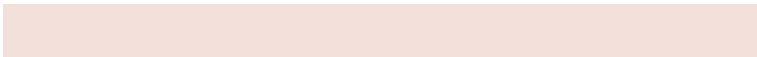
75.3750, 81.9433, 96.6387

# 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.



72.5717, 77.4280, 94.7894



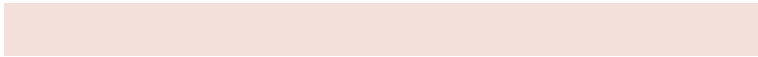
76.2727, 77.4280, 77.2548



70.0900, 77.4280, 86.8241

# Square

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



76.2727, 77.4280, 77.2548



71.0879, 77.4280, 76.9478



70.9768, 77.4280, 91.7736



76.1563, 77.4280, 92.1187

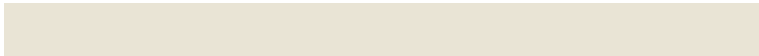


# Rectangle

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



76.2727, 77.4280, 77.2548



73.3540, 77.4280, 74.2597



70.9768, 77.4280, 91.7736



73.8325, 77.4280, 95.2197

# Sweetspot

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



76.2748, 77.4314, 77.2565



92.0162, 95.8643, 101.9330



77.3449, 75.3228, 90.7116



19.5255, 20.2871, 21.4293



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

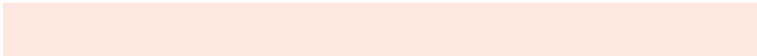


# Same Dimension

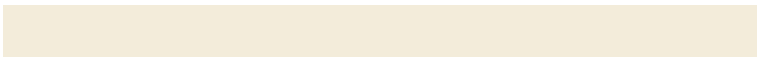
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2748, 77.4314, 77.2565



83.5350, 84.2358, 82.6621



79.7094, 84.3006, 78.4013



16.8223, 17.1286, 17.2171



21.2135, 12.3126, 1.2585



1.9412, 1.2356, 0.1362

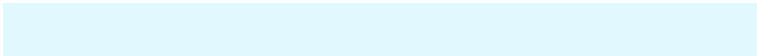


# Inverse Universe

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



75.3750, 81.9433, 96.6387



82.3747, 90.0514, 107.6478



71.9273, 75.0480, 95.4895



16.6398, 18.0438, 21.1484



18.4689, 22.7316, 49.9522

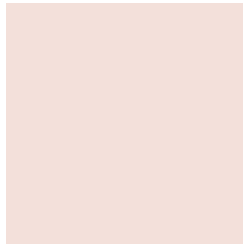


1.7022, 2.1558, 4.4166



# Previews

## White Background



This preview shows how the XYZ color 76.2727, 77.4280, 77.2548 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

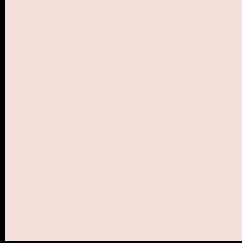
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 76.2727, 77.4280, 77.2548 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

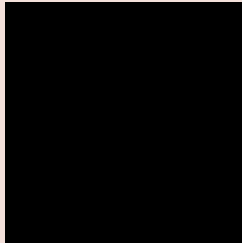
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

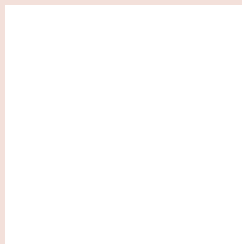
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 76.2727, 77.4280, 77.2548**

## **Background**



This preview shows how black text looks on a background with the XYZ color 76.2727, 77.4280, 77.2548.



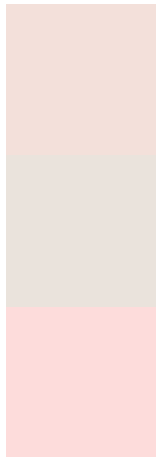
This preview shows how white text looks on a background with the XYZ color 76.2727, 77.4280,

77.2548.

# 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

76.2727, 77.4280, 77.2548

### Protanopia

74.3190, 77.5979, 78.7710

### Deuteranopia

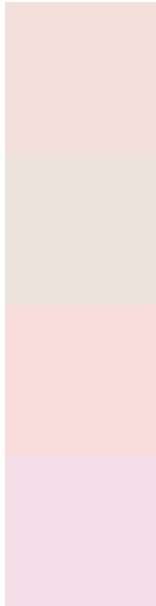
78.8874, 77.1835, 77.7579



## Tritanopia

79.2951, 77.4788, 91.6645

# Trichromacy



## Original Color

76.2727, 77.4280, 77.2548

## Protanomaly

74.9076, 77.5117, 78.0310

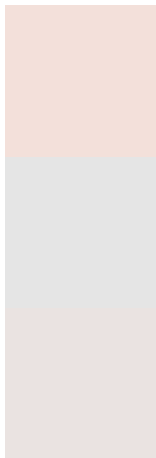
## Deuteranomaly

77.7096, 76.9671, 77.7782

## Tritanomaly

78.2013, 77.4246, 86.4241

# Monochromacy



## Original Color

76.2727, 77.4280, 77.2548

## Achromatopsia

74.4753, 78.3538, 85.3273

## Achromatomaly

74.9914, 77.8668, 82.3115

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 76.2727, 77.4280, 77.2548 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(243, 224, 218) looks like.

```
.text, #text, p{  
    color:rgb(243, 224, 218)  
}
```

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(243, 224, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 224, 218) }
```

## Border

The CSS property to change the border of an element to XYZ 76.2727, 77.4280, 77.2548 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(243, 224, 218) }
```



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

```
.border{ border-color:rgb(243, 224, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 224, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 224, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 224, 218);  
box-shadow:4px 4px 4px 4px rgb(243, 224,  
218) }
```

# Background

The CSS property to change the background color of an element to XYZ 76.2727, 77.4280, 77.2548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 224, 218) }
```

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

```
.background{ background-color: rgb(243,  
224, 218) }
```

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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