

Converting Colors

XYZ(74.4411, 75.8903, 77.9527)

Have a look what the booklet for
XYZ(74.4411, 75.8903, 77.9527)
contains.

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Color

**XYZ(74.4338, 76.0670,
77.7771)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | EEDFDB |
| RGB | 238, 223, 219 |
| RGB Percent | 93%, 87%, 86% |
| CMY | 0.0667, 0.1255, 0.1412 |
| CMYK | 0.00, 0.06, 0.08, 0.07 |
| HSL | 13°, 36%, 90% |
| HSV | 13°, 8%, 93% |
| XYZ | 74.4338, 76.0670, 77.7771 |
| YIQ | 227.0290, 10.2240, 1.9360 |

Conversions

Conversions Part 2

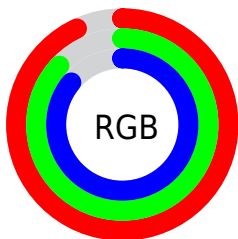
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 238, 224, 219 |
| Decimal | 15654875 |
| CIE Lab | 89.89, 4.45, 3.79 |
| CIE LCh | 90, 5.841, 40.406 |
| Yxy | 76.0670, 0.3261, 0.3332 |
| Android (android.graphics.Color) | 4293844955 (0xFFEEDFDB) |
| YUV | 227.0290, -3.9583, 9.6216 |
| Hunter-Lab | 87.2164, -0.2900, 8.1783 |

Details

The XYZ color **74.4338, 76.0670, 77.7771** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.0687, 80.0774, 92.4426**, and the grayscale version is **73.0593, 76.8640, 83.7049**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9949, 40.6307, 40.8565** is the 20% darker color. If you saturate the color by 10%, you get **66.7790, 65.4177, 60.8565**, and if you desaturate by 10%, it is **83.0977, 88.0158, 97.2461**.

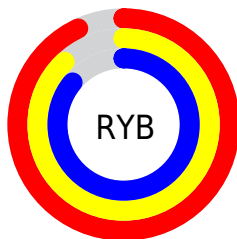
Distribution



Red (93%)

Green (87%)

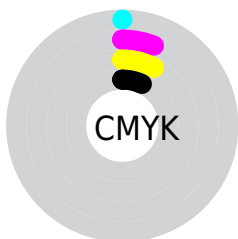
Blue (86%)



Red (93%)

Yellow (88%)

Blue (86%)

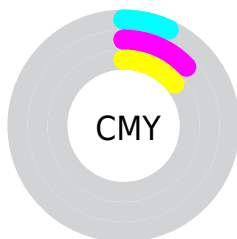


Cyan (0%)

Magenta (6%)

Yellow (8%)

Black (7%)



Cyan (7%)


Magenta (13%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4338, 76.0670, 77.7771 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 74.4338, 76.0670, 77.7771 by changing the saturation by 10% instead.


 74.4338, 76.0670,
77.7771

 74.4338, 76.0670,
77.7771


464.9964,
481.5770, 506.9174

 55.4417, 56.4874,
57.3755

124.5028,
127.8216, 132.0189

 39.9907, 40.5939,
40.8954


156.3103,
160.7655, 166.6961

 27.7155, 28.0019,
27.9183


193.1204,
198.9329, 206.9691

 18.2507, 18.3271,
18.0256

235.2984,
242.7082, 253.2562

 11.2309, 11.1851,
10.7987

283.2097,
292.4759, 305.9760

 6.2908, 6.1915,
5.8192

337.2195,

 3.0650, 2.9618,

348.6204, 365.5471

2.6684

397.6933,
411.5259, 432.3881

■ 1.1882, 1.1118,
0.9275

■ 0.0971, 0.0000,
0.0000

■ 74.4338, 76.0670,
77.7771

■ 74.4338, 76.0670,
77.7771

■ 66.7790, 65.4177,
60.8565

■ 83.0977, 88.0158,
97.2461

■ 60.0899, 56.0141,
46.3736

■ 89.0703, 96.9174,
108.6202

■ 54.3293, 47.8133,
34.2172

■ 49.4552, 40.7662,
24.2650

■ 45.4220, 34.8203,
16.3838

■ 42.1802, 29.9187,
10.4259

■ 39.6746, 25.9996,
6.2237

■ 37.8421, 22.9940,
3.5804

■ 36.6034, 20.8213,
2.2276

Harmonies

Analogous

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



75.0641, 76.0670, 81.3964



74.4338, 76.0670, 77.7771



73.2343, 76.0670, 75.5580

Triad

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



74.4338, 76.0670, 77.7771



69.7157, 76.0670, 80.1865



72.8019, 76.0670, 90.8917

Complementary

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



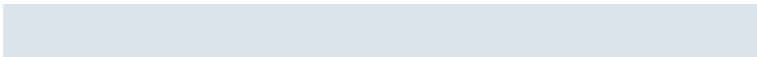
74.4338, 76.0670, 77.7771



74.0687, 80.0774, 92.4426

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.



71.3725, 76.0670, 90.5415



74.4338, 76.0670, 77.7771



69.6034, 76.0670, 84.2682

Square

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



74.4338, 76.0670, 77.7771



70.5150, 76.0670, 76.9167



70.2062, 76.0670, 88.0847



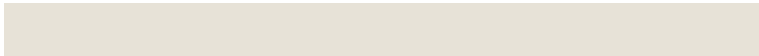
74.1137, 76.0670, 89.0263

Rectangle

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



74.4338, 76.0670, 77.7771



72.2797, 76.0670, 75.1260



70.2062, 76.0670, 88.0847



72.3191, 76.0670, 91.0307

Sweetspot

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



74.4359, 76.0703, 77.7787



92.9690, 97.1345, 104.2091



75.4725, 74.7933, 88.4524



19.9210, 20.8209, 22.3542



0.0000, 0.0000, 0.0000



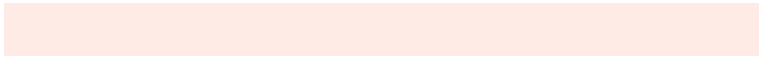
20.3446, 21.4041, 23.3091

Same Dimension

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



74.4359, 76.0703, 77.7787



85.1251, 86.2897, 86.6643



76.9882, 81.1750, 78.6295



16.0427, 16.2986, 16.4501



20.3870, 11.5720, 1.1591



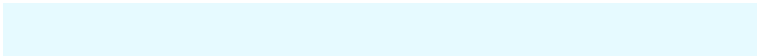
1.7658, 1.1023, 0.1197

Inverse Universe

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



74.0687, 80.0774, 92.4426



84.5923, 92.0993, 107.9262



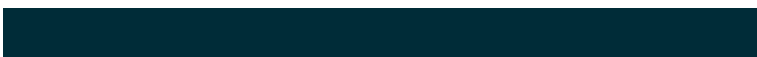
71.4913, 74.9226, 91.5834



15.9481, 17.3304, 20.2261



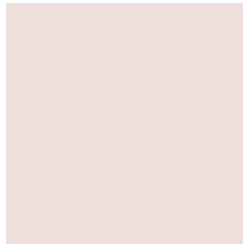
18.7209, 23.6661, 48.7092



1.6273, 2.1086, 4.0754

Previews

White Background



This preview shows how the XYZ color 74.4338, 76.0670, 77.7771 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 74.4338, 76.0670, 77.7771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

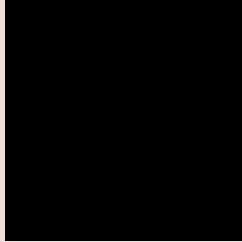
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

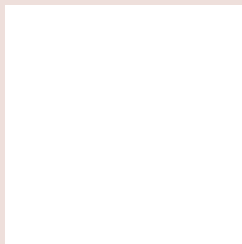
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4338, 76.0670, 77.7771

Background



This preview shows how black text looks on a background with the XYZ color 74.4338, 76.0670, 77.7771.



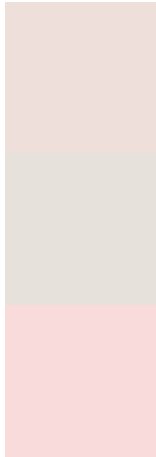
This preview shows how white text looks on a background with the XYZ color 74.4338, 76.0670,

77.7771.

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

74.4338, 76.0670, 77.7771

Protanopia

72.7985, 76.0067, 78.5440

Deuteranopia

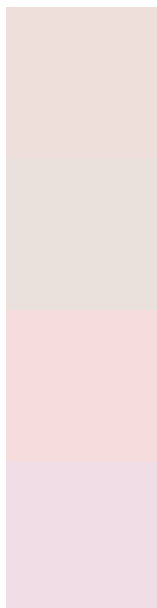
77.6741, 76.1543, 78.3155



Tritanopia

77.1549, 76.0016, 90.7240

Trichromacy



Original Color

74.4338, 76.0670, 77.7771

Protanomaly

73.5056, 75.9710, 78.4999

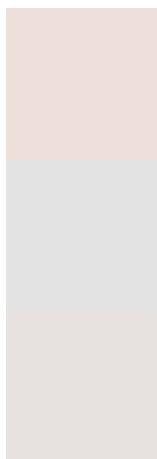
Deuteranomaly

76.5175, 75.9465, 78.3364

Tritanomaly

76.0746, 75.9513, 85.5134

Monochromacy



Original Color

74.4338, 76.0670, 77.7771

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.6059, 76.7635, 81.4584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4338, 76.0670, 77.7771 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(238, 223, 219) looks like.

```
.text, #text, p{  
    color:rgb(238, 223, 219)  
}
```

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(238, 223, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 223, 219) }
```

Border

The CSS property to change the border of an element to XYZ 74.4338, 76.0670, 77.7771 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(238, 223, 219) }
```


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

```
.border{ border-color:rgb(238, 223, 219) }
```

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

Here you see how a box with a 4 pixel rgb(238, 223, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 223, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 223, 219);  
box-shadow:4px 4px 4px 4px rgb(238, 223,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4338, 76.0670, 77.7771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 223, 219) }
```

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

```
.background{ background-color: rgb(238,  
223, 219) }
```

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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