

Converting Colors

XYZ(73.7207, 77.7413, 77.5369)

Have a look what the booklet for
XYZ(73.7207, 77.7413, 77.5369)
contains.

| | |
|--|----|
| XYZ(73.6770, 77.7046, 77.4450) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(73.6770, 77.7046,
77.4450)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E8E4DA |
| RGB | 232, 228, 218 |
| RGB Percent | 91%, 89%, 85% |
| CMY | 0.0902, 0.1059, 0.1451 |
| CMYK | 0.00, 0.02, 0.06, 0.09 |
| HSL | 43°, 23%, 88% |
| HSV | 43°, 6%, 91% |
| XYZ | 73.6770, 77.7046, 77.4450 |
| YIQ | 228.0560, 5.5940, -2.2620 |

Conversions

Conversions Part 2

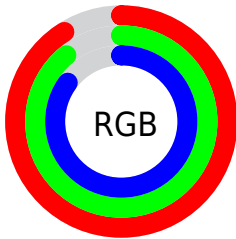
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 224, 232, 218 |
| Decimal | 15262938 |
| CIELab | 90.64, -0.37, 5.34 |
| CIElCh | 91, 5.355, 93.977 |
| Yxy | 77.7046, 0.3220, 0.3396 |
| Android (android.graphics.Color) | 4293453018 (0xFFE8E4DA) |
| YUV | 228.0560, -4.9576, 3.4589 |
| Hunter-Lab | 88.1502, -5.0704, 9.6155 |

Details

The XYZ color **73.6770, 77.7046, 77.4450** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.6001, 72.9730, 86.7616**, and the grayscale version is **73.8179, 77.6622, 84.5741**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4589, 41.7616, 40.6314** is the 20% darker color. If you saturate the color by 10%, you get **69.0650, 73.0033, 61.9632**, and if you desaturate by 10%, it is **78.7881, 82.7222, 95.1916**.

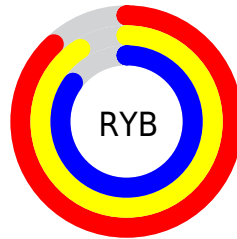
Distribution



Red (91%)

Green (89%)

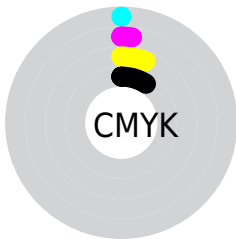
Blue (85%)



Red (88%)

Yellow (91%)

Blue (85%)

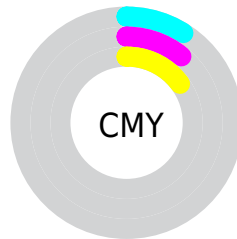


Cyan (0%)

Magenta (2%)

Yellow (6%)

Black (9%)



Cyan (9%)

Magenta (11%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6770, 77.7046, 77.4450 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 73.6770, 77.7046, 77.4450 by changing the saturation by 10% instead.

■ 73.6770, 77.7046,
77.4450

■ 73.6770, 77.7046,
77.4450

462.4254,
487.1630, 505.7578

■ 54.8201, 57.8313,
57.1044

123.4358,
130.1336, 131.5462

■ 39.4909, 41.6731,
40.6792

155.0683,
163.4582, 166.1439

■ 27.3243, 28.8454,
27.7507

191.6902,
202.0353, 206.3311

■ 17.9548, 18.9639,
17.9004

233.6666,
246.2494, 252.5263

■ 11.0170, 11.6442,
10.7098

281.3629,
296.4848, 305.1480

■ 6.1457, 6.5019,
5.7603

335.1446,

■ 2.9754, 3.1526,

353.1259, 364.6148

2.6335

395.3770,
416.5572, 431.3452

■ 1.1407, 1.2119,
0.9097

■ 0.0588, 0.0714,
0.0000

■ 73.6770, 77.7046,
77.4450

■ 73.6770, 77.7046,
77.4450

■ 69.0650, 73.0033,
61.9632

■ 78.7881, 82.7222,
95.1916

■ 64.9274, 68.5996,
48.6484

■ 82.8579, 87.4337,
107.1170

■ 61.2467, 64.4878,
37.4032

■ 84.8564, 91.4306,
107.7832

■ 58.0018, 60.6582,
28.1207

■ 86.9268, 95.5715,
108.4734

■ 55.1700, 57.1004,
20.6844

■ 87.0891, 95.8960,
108.5274

■ 52.7258, 53.8030,
14.9653

■ 50.6409, 50.7531,
10.8177

■ 48.8821, 47.9362,
8.0715

■ 47.4087, 45.3346,
6.5160

Harmonies

Analogous

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



74.9941, 77.7046, 78.1367



73.6770, 77.7046, 77.4450



72.4228, 77.7046, 78.6240

Triad

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



73.6770, 77.7046, 77.4450



71.7361, 77.7046, 88.8059



76.1997, 77.7046, 87.8918

Complementary

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



73.6770, 77.7046, 77.4450



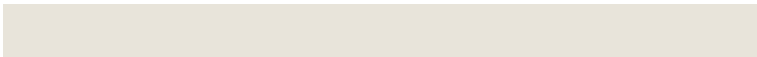
69.6001, 72.9730, 86.7616

Split Complementary

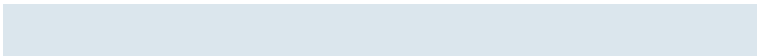
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.3078, 77.7046, 90.8863



73.6770, 77.7046, 77.4450



72.7293, 77.7046, 91.4251

Square

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



73.6770, 77.7046, 77.4450



71.3108, 77.7046, 85.1209



74.0351, 77.7046, 92.1977



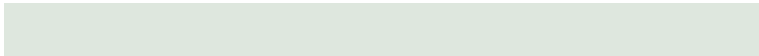
76.4608, 77.7046, 84.0954

Rectangle

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



73.6770, 77.7046, 77.4450



71.7879, 77.7046, 80.3338



74.0351, 77.7046, 92.1977



75.9632, 77.7046, 89.0293

Sweetspot

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



73.6792, 77.7080, 77.4467



93.7771, 98.7507, 104.4785



71.5628, 72.5844, 79.4874



20.0855, 21.1499, 22.4090



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.



73.6792, 77.7080, 77.4467



90.7043, 95.6958, 93.9262



73.8894, 79.4670, 77.7751



15.4251, 16.2767, 15.8474



26.1365, 24.8471, 3.4184



2.0097, 1.9926, 0.2787

Inverse Universe

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



69.6001, 72.9730, 86.7616



84.8501, 88.9002, 107.2951



69.3959, 71.3110, 86.4516



14.3556, 15.0352, 18.2898



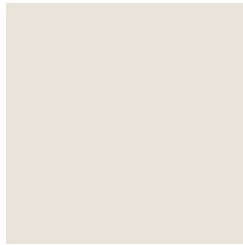
9.2676, 5.5972, 42.9751



0.7622, 0.5682, 3.2015

Previews

White Background



This preview shows how the XYZ color 73.6770, 77.7046, 77.4450 looks on a white background.

Color Contrast Check

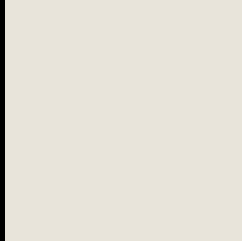
Large Text (above 18pt) WCAG AA × Fail

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 73.6770, 77.7046, 77.4450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

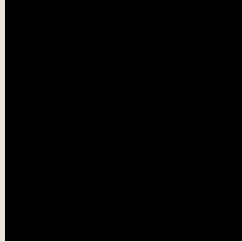
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

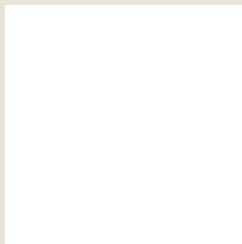
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.6770, 77.7046, 77.4450

Background



This preview shows how black text looks on a background with the XYZ color 73.6770, 77.7046, 77.4450.

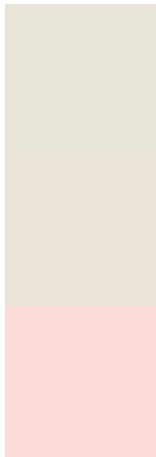


This preview shows how white text looks on a background with the XYZ color 73.6770, 77.7046,

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

73.6770, 77.7046, 77.4450

Protanopia

74.3849, 77.6623, 77.3995

Deuteranopia

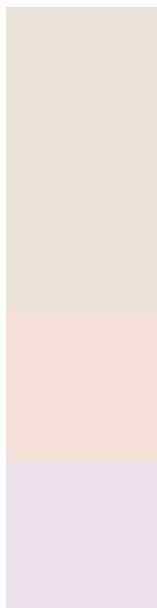
78.8874, 77.1835, 77.7579



Tritanopia

77.2747, 77.5550, 94.9012

Trichromacy



Original Color

73.6770, 77.7046, 77.4450

Protanomaly

74.0557, 77.4926, 77.3841

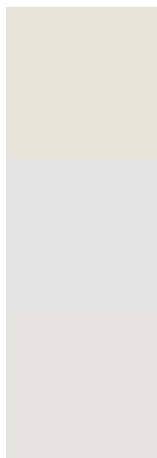
Deuteranomaly

76.8300, 77.3023, 77.8893

Tritanomaly

75.8941, 77.3958, 88.0296

Monochromacy



Original Color

73.6770, 77.7046, 77.4450

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.5110, 77.5266, 81.6107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6770, 77.7046, 77.4450 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(232, 228, 218) looks like.

```
.text, #text, p{  
    color:rgb(232, 228, 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(232, 228, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 228, 218) }
```

Border

The CSS property to change the border of an element to XYZ 73.6770, 77.7046, 77.4450 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(232, 228, 218) }
```


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

```
.border{ border-color:rgb(232, 228, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 228, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 228, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 228, 218);  
box-shadow:4px 4px 4px 4px rgb(232, 228,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6770, 77.7046, 77.4450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 228, 218) }
```

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

```
.background{ background-color: rgb(232,  
228, 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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