

Converting Colors

XYZ(74.4165, 76.6090, 81.8133)

Have a look what the booklet for
XYZ(74.4165, 76.6090, 81.8133)
contains.

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Color

**XYZ(74.4475, 76.7791,
82.1302)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE1E1
RGB	234, 225, 225
RGB Percent	92%, 88%, 88%
CMY	0.0823, 0.1176, 0.1176
CMYK	0.00, 0.04, 0.04, 0.08
HSL	0°, 18%, 90%
HSV	0°, 4%, 92%
XYZ	74.4475, 76.7791, 82.1302
YIQ	227.6910, 5.3640, 1.9080

Conversions

Conversions Part 2

Format	Color
R _{YB}	234, 225, 225
Decimal	15393249
CIE Lab	90.22, 3.06, 1.08
CIE LCh	90, 3.241, 19.447
Yxy	76.7791, 0.3190, 0.3290
Android (android.graphics.Color)	4293583329 (0xFFEAE1E1)
YUV	227.6910, -1.3267, 5.5330
Hunter-Lab	87.6237, -1.6829, 5.7637

Details

The XYZ color **74.4475, 76.7791, 82.1302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.3253, 80.7925, 89.4673**, and the grayscale version is **73.5255, 77.3546, 84.2392**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9905, 41.1167, 43.8588** is the 20% darker color. If you saturate the color by 10%, you get **65.5762, 63.7991, 64.4882**, and if you desaturate by 10%, it is **84.6269, 91.6730, 102.3684**.

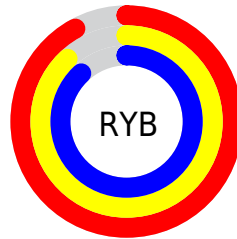
Distribution



Red (92%)

Green (88%)

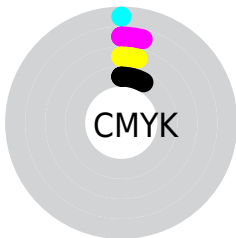
Blue (88%)



Red (92%)

Yellow (88%)

Blue (88%)

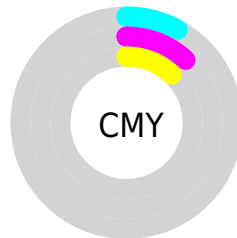


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (8%)



Cyan (8%)

Magenta (12%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4475, 76.7791, 82.1302 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 74.4475, 76.7791, 82.1302 by changing the saturation by 10% instead.

■ 74.4475, 76.7791,
82.1302

■ 74.4475, 76.7791,
82.1302

465.0429,
484.0105, 521.9780

■ 55.4530, 57.0716,
60.9364

124.5221,
128.8276, 138.1949

■ 39.9998, 41.0627,
43.7436

156.3328,
161.9374, 173.9029

■ 27.7226, 28.3681,
30.1333

193.1463,
200.2834, 215.2860

■ 18.2560, 18.6033,
19.6869

235.3279,
244.2500, 262.7629

■ 11.2348, 11.3840,
11.9858

283.2431,
294.2217, 316.7519

■ 6.2934, 6.3257,
6.6116

337.2570,

■ 3.0667, 3.0441,

350.5827, 377.6718

3.1457

397.7352,
413.7175, 445.9410

■ 1.1891, 1.1548,
1.1695

■ 0.0977, 0.0243,
0.0000

■ 74.4475, 76.7791,
82.1302

■ 74.4475, 76.7791,
82.1302

■ 65.5762, 63.7991,
64.4882

■ 84.6269, 91.6730,
102.3684

■ 57.9537, 52.6460,
49.3327

■ 87.7421, 96.2326,
108.5580

■ 51.5260, 43.2409,
36.5535

■ 46.2326, 35.4952,
26.0300

■ 42.0075, 29.3126,
17.6315

■ 38.7784, 24.5870,
11.2133

■ 36.4635, 21.1990,
6.6132

■ 34.9683, 19.0104,
3.6432

■ 34.1780, 17.8531,
2.0745

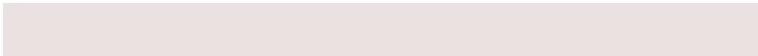
Harmonies

Analogous

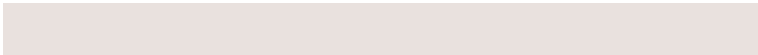
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.5106, 76.7791, 84.4149



74.4475, 76.7791, 82.1302



73.9885, 76.7791, 80.2719

Triad

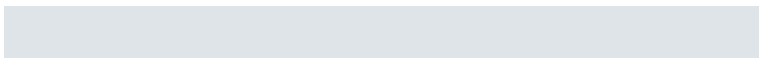
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4475, 76.7791, 82.1302



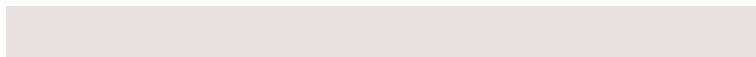
71.8049, 76.7791, 80.7466



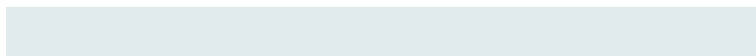
72.6928, 76.7791, 88.0395

Complementary

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



74.4475, 76.7791, 82.1302



75.3253, 80.7925, 89.4673

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.



71.9732, 76.7791, 87.0176



74.4475, 76.7791, 82.1302



71.4631, 76.7791, 82.7891

Square

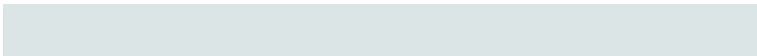
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4475, 76.7791, 82.1302



72.4614, 76.7791, 79.4833



71.5245, 76.7791, 85.0860



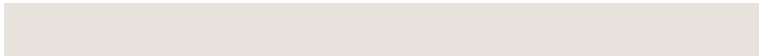
73.4935, 76.7791, 87.8552

Rectangle

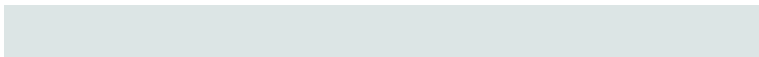
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



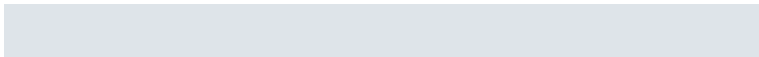
74.4475, 76.7791, 82.1302



73.5217, 76.7791, 79.5116



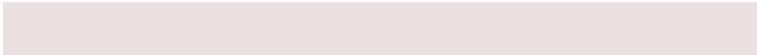
71.5245, 76.7791, 85.0860



72.4335, 76.7791, 87.8250

Sweetspot

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



74.4497, 76.7824, 82.1319



93.8344, 98.2213, 106.4828



75.7092, 77.2845, 88.7700



20.0972, 21.0422, 22.8172



0.0000, 0.0000, 0.0000



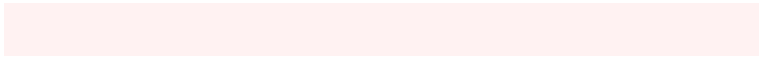
20.3446, 21.4041, 23.3091

Same Dimension

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



74.4497, 76.7824, 82.1319



89.1329, 91.3424, 97.1344



75.6812, 79.2455, 82.5424



15.8098, 16.1434, 17.1095



19.0687, 9.8316, 0.8927



1.4975, 0.7724, 0.0702

Inverse Universe

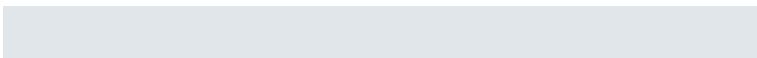
The Inverse Universe completely reimagines the original color for something new.



75.3253, 80.7925, 89.4673



90.5120, 97.6579, 108.6871



74.0616, 78.2649, 89.0461



16.0875, 17.4151, 19.4358



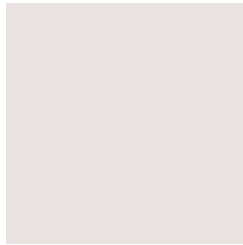
24.8632, 36.3734, 49.4533



1.9525, 2.8566, 3.8833

Previews

White Background



This preview shows how the XYZ color 74.4475, 76.7791, 82.1302 looks on a white background.

Color Contrast Check

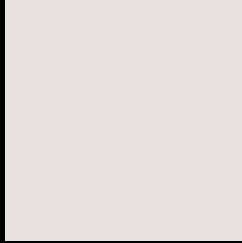
Large Text (above 18pt) WCAG AA × Fail

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 74.4475, 76.7791, 82.1302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

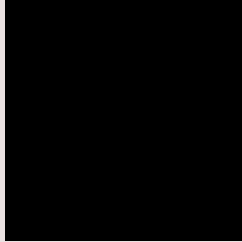
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

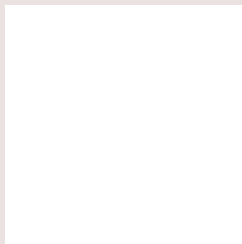
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4475, 76.7791, 82.1302

Background



This preview shows how black text looks on a background with the XYZ color 74.4475, 76.7791, 82.1302.

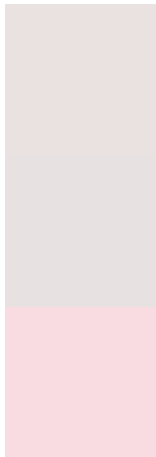


This preview shows how white text looks on a background with the XYZ color 74.4475, 76.7791,

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

74.4475, 76.7791, 82.1302

Protanopia

73.7420, 76.8179, 82.1749

Deuteranopia

78.3876, 76.8171, 82.6472



Tritanopia

76.7079, 76.8995, 93.2382

Trichromacy



Original Color

74.4475, 76.7791, 82.1302

Protanomaly

74.0657, 76.9848, 82.1900

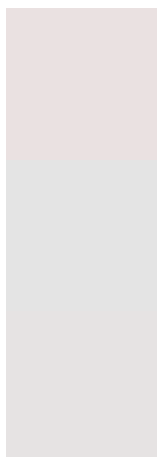
Deuteranomaly

77.1570, 76.9666, 82.7409

Tritanomaly

75.9120, 76.9716, 89.4533

Monochromacy



Original Color

74.4475, 76.7791, 82.1302

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.9673, 77.3072, 83.6963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4475, 76.7791, 82.1302 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(234, 225, 225) looks like.

```
.text, #text, p{  
    color:rgb(234, 225, 225)  
}
```

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(234, 225, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 225, 225) }
```

Border

The CSS property to change the border of an element to XYZ 74.4475, 76.7791, 82.1302 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(234, 225, 225) }
```


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

```
.border{ border-color:rgb(234, 225, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 225, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 225, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 225, 225);  
box-shadow:4px 4px 4px 4px rgb(234, 225,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4475, 76.7791, 82.1302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 225, 225) }
```

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

```
.background{ background-color: rgb(234,  
225, 225) }
```

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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