

Converting Colors

XYZ(74.3779, 77.4012, 87.4285)

Have a look what the booklet for
XYZ(74.3779, 77.4012, 87.4285)
contains.

| | |
|--|----|
| XYZ(74.3477, 77.4224, 87.3694) | 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(74.3477, 77.4224,
87.3694)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E5E3E8 |
| RGB | 229, 227, 232 |
| RGB Percent | 90%, 89%, 91% |
| CMY | 0.1020, 0.1098, 0.0902 |
| CMYK | 0.01, 0.02, 0.00, 0.09 |
| HSL | 264°, 10%, 90% |
| HSV | 264°, 2%, 91% |
| XYZ | 74.3477, 77.4224, 87.3694 |
| YIQ | 228.1680, -0.4130, 1.9790 |

Conversions

Conversions Part 2

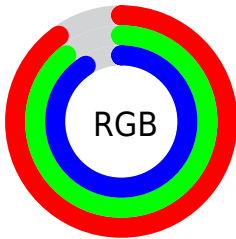
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 229, 227, 232 |
| Decimal | 15066088 |
| CIE Lab | 90.52, 1.58, -2.20 |
| CIE LCh | 91, 2.708, 305.572 |
| Yxy | 77.4224, 0.3109, 0.3238 |
| Android (android.graphics.Color) | 4293256168 (0xFFE5E3E8) |
| YUV | 228.1680, 1.8892, 0.7297 |
| Hunter-Lab | 87.9900, -3.1578, 2.7212 |

Details

The XYZ color **74.3477, 77.4224, 87.3694** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.3578, 80.0843, 84.1630**, and the grayscale version is **73.8545, 77.7007, 84.6160**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0446, 41.6383, 47.0007** is the 20% darker color. If you saturate the color by 10%, you get **64.1576, 63.3774, 85.1967**, and if you desaturate by 10%, it is **85.7540, 93.3680, 89.8472**.

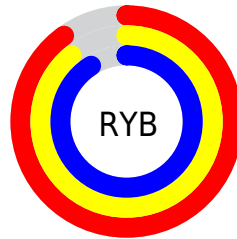
Distribution



Red (90%)

Green (89%)

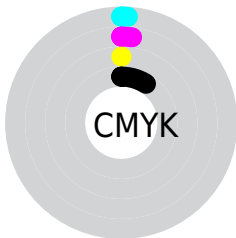
Blue (91%)



Red (90%)

Yellow (89%)

Blue (91%)

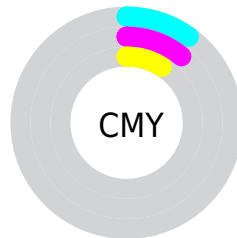


Cyan (1%)

Magenta (2%)

Yellow (0%)

Black (9%)



Cyan (10%)

Magenta (11%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3477, 77.4224, 87.3694 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 74.3477, 77.4224, 87.3694 by changing the saturation by 10% instead.

■ 74.3477, 77.4224,
87.3694

■ 74.3477, 77.4224,
87.3694

464.7043,
486.2030, 539.7836

■ 55.3710, 57.5996,
65.2396

124.3814,
129.7356, 145.5823

■ 39.9338, 41.4869,
47.2028

156.1691,
162.9947, 182.5025

■ 27.6709, 28.6997,
32.8405

192.9578,
201.5015, 225.1899

■ 18.2169, 18.8538,
21.7342

235.1130,
245.6403, 274.0630

■ 11.2065, 11.5647,
13.4653

282.9998,
295.7954, 329.5404

■ 6.2742, 6.4480,
7.6152

336.9837,

■ 3.0548, 3.1194,

352.3513, 392.0406

3.7655

397.4301,
415.6924, 461.9822

■ 1.1828, 1.1944,
1.4976

■ 0.0927, 0.0571,
0.2161

■ 74.3477, 77.4224,
87.3694

■ 74.3477, 77.4224,
87.3694

■ 64.1576, 63.3774,
85.1967

■ 85.7540, 93.3680,
89.8472

■ 55.1346, 51.1507,
83.3123

■ 91.5657, 98.6063,
90.5520

■ 47.2363, 40.6688,
81.7053

■ 40.4147, 31.8493,
80.3625

■ 34.6181, 24.6029,
79.2693

■ 29.7904, 18.8315,
78.4098

■ 25.8693, 14.4260,
77.7661

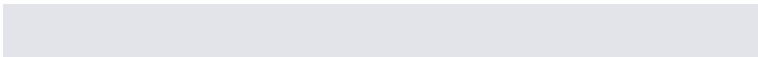
■ 22.7840, 11.2609,
77.3178

■ 20.4511, 9.1863,
77.0403

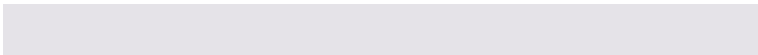
Harmonies

Analogous

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



73.7142, 77.4224, 88.0659



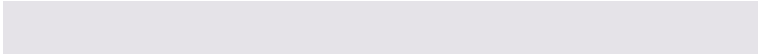
74.3477, 77.4224, 87.3694



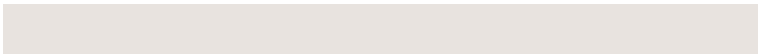
74.7795, 77.4224, 85.8513

Triad

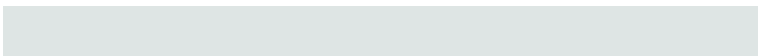
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3477, 77.4224, 87.3694



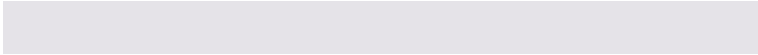
74.1274, 77.4224, 80.9501



72.2994, 77.4224, 84.6624

Complementary

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



74.3477, 77.4224, 87.3694



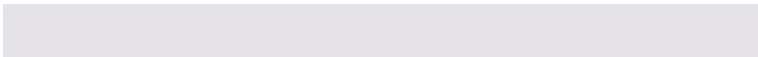
75.3578, 80.0843, 84.1630

Split Complementary

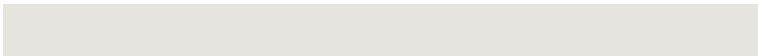
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.4085, 77.4224, 82.7671



74.3477, 77.4224, 87.3694



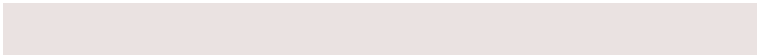
73.4613, 77.4224, 80.6427

Square

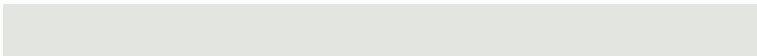
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3477, 77.4224, 87.3694



74.6518, 77.4224, 82.1492



72.8328, 77.4224, 81.3030



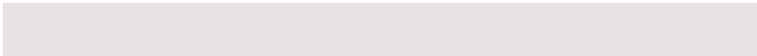
72.5337, 77.4224, 86.4877

Rectangle

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



74.3477, 77.4224, 87.3694



74.8935, 77.4224, 84.5880



72.8328, 77.4224, 81.3030



72.2971, 77.4224, 84.0123

Sweetspot

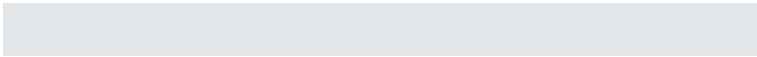
The Sweet Spot groups the original color and five complimentary colors.



74.3499, 77.4257, 87.3711



93.6808, 98.0945, 108.6044



74.5668, 78.7998, 87.6249



20.0660, 21.0164, 23.2489



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.



74.3499, 77.4257, 87.3711



90.9881, 94.3550, 108.0245



75.1266, 77.8261, 87.4074



15.3547, 15.8628, 18.3969



10.7083, 4.5862, 42.7040



0.8938, 0.3917, 3.1605

Inverse Universe

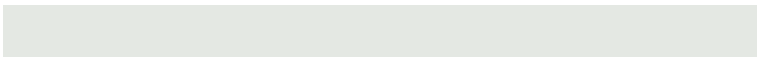
The Inverse Universe completely reimagines the original color for something new.



75.0335, 77.8107, 85.9311



92.1696, 95.0205, 105.5314



74.5874, 79.6872, 84.1270



15.6065, 16.0047, 17.8647



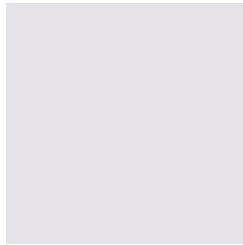
21.1384, 10.5896, 14.8895



1.6076, 0.8008, 1.3402

Previews

White Background



This preview shows how the XYZ color 74.3477, 77.4224, 87.3694 looks on a white background.

Color Contrast Check

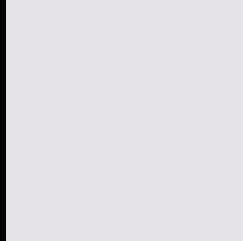
Large Text (above 18pt) WCAG AA × Fail

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 74.3477, 77.4224, 87.3694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

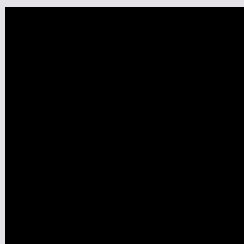
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

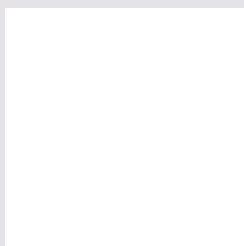
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3477, 77.4224, 87.3694

Background



This preview shows how black text looks on a background with the XYZ color 74.3477, 77.4224, 87.3694.



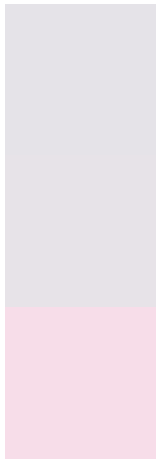
This preview shows how white text looks on a background with the XYZ color 74.3477, 77.4224,

87.3694.

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

74.3477, 77.4224, 87.3694

Protanopia

74.9896, 77.7533, 87.3994

Deuteranopia

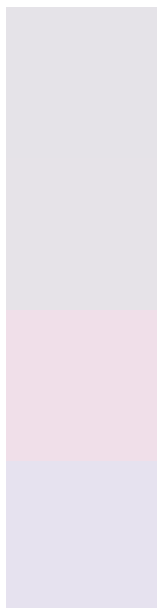
78.9222, 77.3703, 87.8651



Tritanopia

76.0579, 77.3104, 95.7077

Trichromacy



Original Color

74.3477, 77.4224, 87.3694

Protanomaly

74.6677, 77.5874, 87.3844

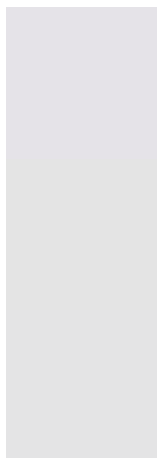
Deuteranomaly

77.0308, 77.1838, 87.9288

Tritanomaly

75.4095, 77.4477, 92.6358

Monochromacy



Original Color

74.3477, 77.4224, 87.3694

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.8812, 77.6379, 85.2204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3477, 77.4224, 87.3694 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(229, 227, 232) looks like.

```
.text, #text, p{  
    color:rgb(229, 227, 232)  
}
```

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(229, 227, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 227, 232) }
```

Border

The CSS property to change the border of an element to XYZ 74.3477, 77.4224, 87.3694 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(229, 227, 232) }
```


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

```
.border{ border-color:rgb(229, 227, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 227, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 227, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 227, 232);  
box-shadow:4px 4px 4px 4px rgb(229, 227,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3477, 77.4224, 87.3694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 227, 232) }
```

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

```
.background{ background-color: rgb(229,  
227, 232) }
```

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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