

Converting Colors

XYZ(74.4458, 77.1055, 86.3854)

Have a look what the booklet for
XYZ(74.4458, 77.1055, 86.3854)
contains.

| | |
|--|----|
| XYZ(74.5752, 77.1512, 86.5624) | 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(74.5752, 77.1512,
86.5624)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | E7E2E7 |
| RGB | 231, 226, 231 |
| RGB Percent | 91%, 89%, 91% |
| CMY | 0.0941, 0.1137, 0.0941 |
| CMYK | 0.00, 0.02, 0.00, 0.09 |
| HSL | 300°, 9%, 90% |
| HSV | 300°, 2%, 91% |
| XYZ | 74.5752, 77.1512, 86.5624 |
| YIQ | 228.0650, 1.3750, 2.6150 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 231, 226, 231 |
| Decimal | 15196903 |
| CIE _{Lab} | 90.39, 2.58, -1.84 |
| CIE _{LCh} | 90, 3.172, 324.471 |
| Yxy | 77.1512, 0.3130, 0.3238 |
| Android (android.graphics.Color) | 4293386983 (0xFFE7E2E7) |
| YUV | 228.0650, 1.4470, 2.5740 |
| Hunter-Lab | 87.8358, -2.1607, 3.0546 |

Details

The XYZ color **74.5752, 77.1512, 86.5624** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.6704, 78.8137, 83.2853**, and the grayscale version is **73.7813, 77.6237, 84.5322**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9800, 41.3349, 46.4287** is the 20% darker color. If you saturate the color by 10%, you get **68.7130, 65.4260, 84.6089**, and if you desaturate by 10%, it is **81.2880, 90.5756, 88.8014**.

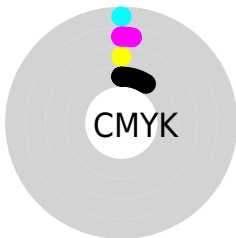
Distribution



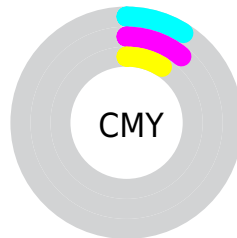
- Red (91%)
- Green (89%)
- Blue (91%)



- Red (91%)
- Yellow (89%)
- Blue (91%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (9%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5752, 77.1512, 86.5624 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 74.5752, 77.1512, 86.5624 by changing the saturation by 10% instead.

■ 74.5752, 77.1512,
86.5624

■ 74.5752, 77.1512,
86.5624

465.4759,
485.2794, 537.0627

■ 55.5579, 57.3770,
64.5756

124.7020,
129.3529, 144.4475

■ 40.0842, 41.3080,
46.6679

156.5422,
162.5492, 181.1829

■ 27.7887, 28.5598,
32.4207

193.3874,
200.9882, 223.6715

■ 18.3061, 18.7481,
21.4156

235.6029,
245.0545, 272.3320

■ 11.2710, 11.4884,
13.2339

283.5542,
295.1323, 327.5828

■ 6.3180, 6.3963,
7.4572

337.6066,

■ 3.0819, 3.0875,

351.6062, 389.8425

3.6669

398.1253,
414.8604, 459.5296

■ 1.1972, 1.1776,
1.4444

■ 0.1042, 0.0433,
0.1760

■ 74.5752, 77.1512,
86.5624

■ 74.5752, 77.1512,
86.5624

■ 68.7130, 65.4260,
84.6089

■ 81.2880, 90.5756,
88.8014

■ 63.6613, 55.3226,
82.9245

■ 83.1397, 94.2789,
89.4191

■ 59.3864, 46.7729,
81.4991

■ 83.1398, 94.2789,
89.4195

■ 55.8498, 39.6998,
80.3198

■ 83.1399, 94.2789,
89.4200

53.0096, 34.0197,
79.3727

83.1400, 94.2790,
89.4204

50.8201, 29.6407,
78.6424

83.1401, 94.2790,
89.4209

49.2295, 26.4598,
78.1118

83.1402, 94.2790,
89.4214

48.1789, 24.3586,
77.7611

83.1402, 94.2791,
89.4218

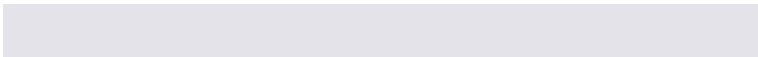
47.5967, 23.1945,
77.5666

83.1403, 94.2791,
89.4223

Harmonies

Analogous

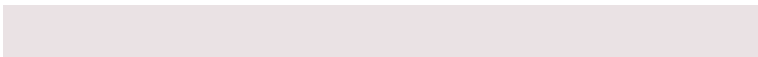
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9620, 77.1512, 88.0336



74.5752, 77.1512, 86.5624



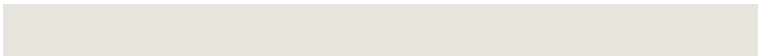
74.8549, 77.1512, 84.4251

Triad

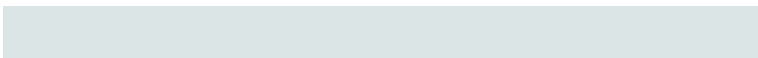
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5752, 77.1512, 86.5624



73.4766, 77.1512, 79.7413



71.9537, 77.1512, 85.8226

Complementary

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



74.5752, 77.1512, 86.5624



73.6704, 78.8137, 83.2853

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.



71.8258, 77.1512, 83.5854



74.5752, 77.1512, 86.5624



72.7014, 77.1512, 80.1004

Square

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



74.5752, 77.1512, 86.5624



74.2177, 77.1512, 80.5078



72.0985, 77.1512, 81.4976



72.4492, 77.1512, 87.6011

Rectangle

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



74.5752, 77.1512, 86.5624



74.8131, 77.1512, 82.9203



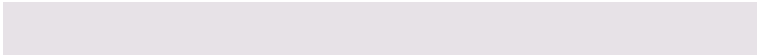
72.0985, 77.1512, 81.4976



71.8664, 77.1512, 85.0982

Sweetspot

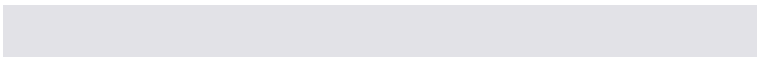
The Sweet Spot groups the original color and five complimentary colors.



74.5774, 77.1545, 86.5641



94.2419, 98.3838, 108.6306



72.9877, 76.3350, 86.4898



20.1802, 21.0752, 23.2543



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

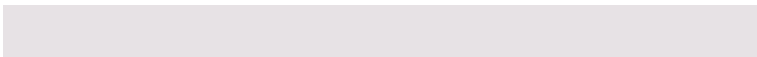
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5774, 77.1545, 86.5641



92.6579, 95.2158, 108.1025



74.2270, 77.0144, 84.7189



15.7107, 16.0464, 18.4135



26.5607, 12.7585, 43.4434



1.9628, 0.9428, 3.2103

Inverse Universe

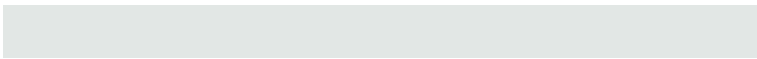
The Inverse Universe completely reimagines the original color for something new.



74.5774, 77.1545, 86.5641



92.6579, 95.2158, 108.1025



74.0158, 78.9518, 85.1040



15.7107, 16.0464, 18.4135



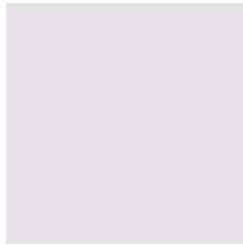
26.5607, 12.7585, 43.4434



1.9628, 0.9428, 3.2103

Previews

White Background



This preview shows how the XYZ color 74.5752, 77.1512, 86.5624 looks on a white background.

Color Contrast Check

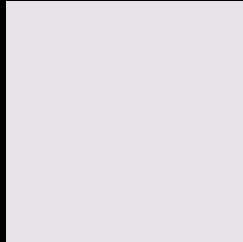
Large Text (above 18pt) WCAG AA × Fail

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 74.5752, 77.1512, 86.5624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

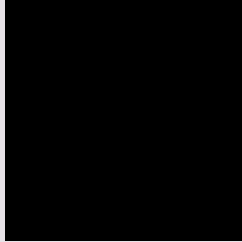
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

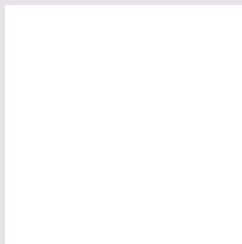
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5752, 77.1512, 86.5624

Background



This preview shows how black text looks on a background with the XYZ color 74.5752, 77.1512, 86.5624.



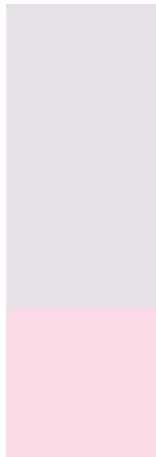
This preview shows how white text looks on a background with the XYZ color 74.5752, 77.1512, 86.5624.

86.5624.

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

74.5752, 77.1512, 86.5624

Protanopia

74.2533, 76.9852, 86.5474

Deuteranopia

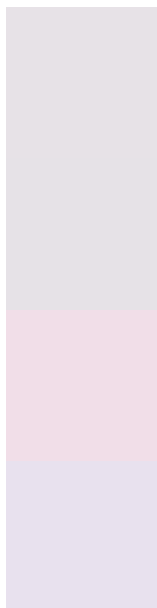
78.5165, 76.7868, 87.0270



Tritanopia

76.2869, 77.0458, 94.8550

Trichromacy



Original Color

74.5752, 77.1512, 86.5624

Protanomaly

74.2533, 76.9852, 86.5474

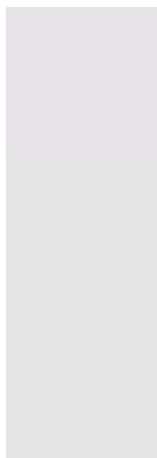
Deuteranomaly

76.9624, 76.7695, 87.1056

Tritanomaly

75.6365, 77.1793, 91.7995

Monochromacy



Original Color

74.5752, 77.1512, 86.5624

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.9250, 77.2533, 85.1439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5752, 77.1512, 86.5624 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(231, 226, 231) looks like.

```
.text, #text, p{  
    color:rgb(231, 226, 231)  
}
```

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(231, 226, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 226, 231) }
```

Border

The CSS property to change the border of an element to XYZ 74.5752, 77.1512, 86.5624 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(231, 226, 231) }
```


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

```
.border{ border-color:rgb(231, 226, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 226, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 226, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 226, 231); box-shadow:4px 4px 4px 4px rgb(231, 226, 231) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5752, 77.1512, 86.5624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 226, 231) }
```

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

```
.background{ background-color: rgb(231,  
226, 231) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor