

Converting Colors

XYZ(75.1381, 77.9202, 88.0082)

Have a look what the booklet for
XYZ(75.1381, 77.9202, 88.0082)
contains.

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Color

**XYZ(75.1321, 77.8103,
88.1498)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E7E3E9 |
| RGB | 231, 227, 233 |
| RGB Percent | 91%, 89%, 91% |
| CMY | 0.0941, 0.1098, 0.0863 |
| CMYK | 0.01, 0.03, 0.00, 0.09 |
| HSL | 280°, 12%, 90% |
| HSV | 280°, 3%, 91% |
| XYZ | 75.1321, 77.8103, 88.1498 |
| YIQ | 228.8800, 0.4580, 2.7140 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 231, 227, 233 |
| Decimal | 15197161 |
| CIE Lab | 90.69, 2.42, -2.45 |
| CIE LCh | 91, 3.445, 314.720 |
| Yxy | 77.8103, 0.3116, 0.3227 |
| Android (android.graphics.Color) | 4293387241 (0xFFE7E3E9) |
| YUV | 228.8800, 2.0312, 1.8592 |
| Hunter-Lab | 88.2101, -2.3322, 2.4977 |

Details

The XYZ color **75.1321, 77.8103, 88.1498** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.3200, 80.4840, 84.2422**, and the grayscale version is **74.3752, 78.2485, 85.2126**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3675, 41.7933, 47.5343** is the 20% darker color. If you saturate the color by 10%, you get **66.7336, 64.6537, 86.0541**, and if you desaturate by 10%, it is **84.5088, 92.7558, 90.5415**.

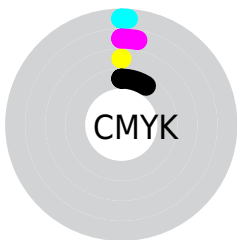
Distribution



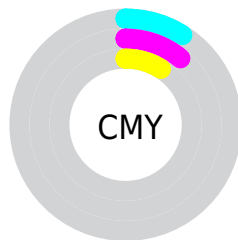
- Red (91%)
- Green (89%)
- Blue (91%)



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



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1321, 77.8103, 88.1498 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 75.1321, 77.8103, 88.1498 by changing the saturation by 10% instead.

■ 75.1321, 77.8103,
88.1498

■ 75.1321, 77.8103,
88.1498

467.3617,
487.5223, 542.4077

■ 56.0157, 57.9182,
65.8821

125.4862,
130.2827, 146.6787

■ 40.4525, 41.7429,
47.7208

157.4547,
163.6317, 183.7769

■ 28.0773, 28.9000,
33.2474

194.4378,
202.2351, 226.6557

■ 18.5247, 19.0052,
22.0434

236.8010,
246.4774, 275.7337

■ 11.4293, 11.6740,
13.6902

284.9097,
296.7428, 331.4293

■ 6.4258, 6.5221,
7.7692

339.1291,

■ 3.1488, 3.1651,

353.4159, 394.1612

3.8620

399.8246,
416.8809, 464.3478

■ 1.2329, 1.2185,
1.5499

■ 0.1321, 0.0767,
0.2547

■ 75.1321, 77.8103,
88.1498

■ 75.1321, 77.8103,
88.1498

■ 66.7336, 64.6537,
86.0541

■ 84.5088, 92.7558,
90.5415

■ 59.2707, 53.2063,
84.2379

■ 88.6654, 97.0947,
91.1599

■ 52.7077, 43.3975,
82.6905

■ 91.4568, 98.5337,
91.2906

■ 47.0035, 35.1475,
81.3987

■ 91.7082, 98.6633,
91.3023

■ 42.1138, 28.3698,
80.3482

■ 37.9899, 22.9695,
79.5232

■ 34.5774, 18.8398,
78.9060

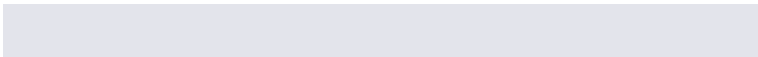
■ 31.8136, 15.8583,
78.4762

■ 29.6235, 13.8770,
78.2092

Harmonies

Analogous

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



74.3795, 77.8103, 89.4101



75.1321, 77.8103, 88.1498



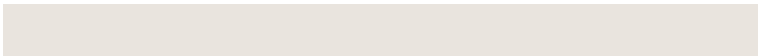
75.5714, 77.8103, 85.9829

Triad

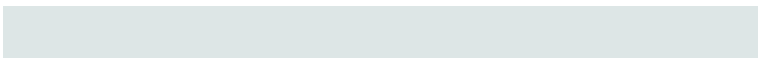
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1321, 77.8103, 88.1498



74.3952, 77.8103, 80.2127



72.3604, 77.8103, 85.9376

Complementary

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



75.1321, 77.8103, 88.1498



75.3200, 80.4840, 84.2422

Split Complementary

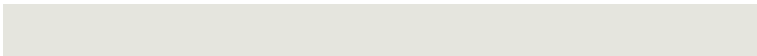
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.3645, 77.8103, 83.4739



75.1321, 77.8103, 88.1498



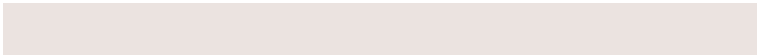
73.5348, 77.8103, 80.2011

Square

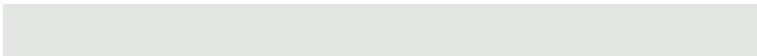
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



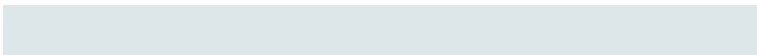
75.1321, 77.8103, 88.1498



75.1437, 77.8103, 81.4166



72.7929, 77.8103, 81.3846



72.7816, 77.8103, 88.1161

Rectangle

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



75.1321, 77.8103, 88.1498



75.6253, 77.8103, 84.3310



72.7929, 77.8103, 81.3846



72.3122, 77.8103, 85.1145

Sweetspot

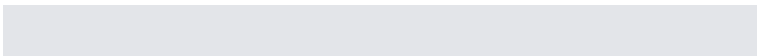
The Sweet Spot groups the original color and five complimentary colors.



75.1343, 77.8136, 88.1515



93.9297, 98.2228, 108.6160



74.4366, 78.3113, 88.2843



20.1166, 21.0425, 23.2513



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.



75.1343, 77.8136, 88.1515



91.7254, 94.7351, 108.0590



75.6554, 78.0971, 87.5068



16.2573, 16.7093, 19.2906



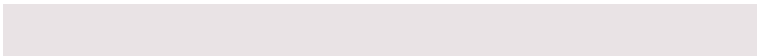
16.1839, 7.3790, 44.3143



1.3721, 0.6316, 3.4845

Inverse Universe

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



75.2190, 77.9225, 85.2087



91.8478, 94.8917, 103.8366



74.8100, 80.2066, 84.8681



16.2851, 16.7445, 18.3449



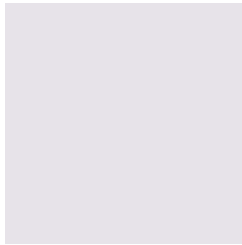
19.8936, 10.1601, 5.2411



1.6053, 0.8151, 0.6390

Previews

White Background



This preview shows how the XYZ color 75.1321, 77.8103, 88.1498 looks on a white background.

Color Contrast Check

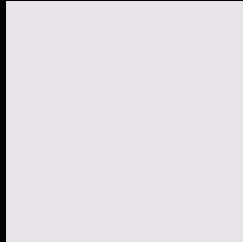
Large Text (above 18pt) WCAG AA × Fail

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 75.1321, 77.8103, 88.1498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

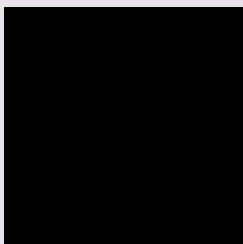
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

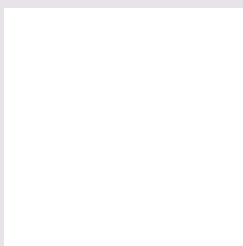
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1321, 77.8103, 88.1498

Background



This preview shows how black text looks on a background with the XYZ color 75.1321, 77.8103, 88.1498.



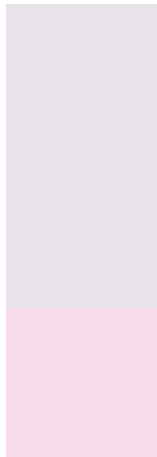
This preview shows how white text looks on a background with the XYZ color 75.1321, 77.8103,

88.1498.

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

75.1321, 77.8103, 88.1498

Protanopia

75.1321, 77.8103, 88.1498

Deuteranopia

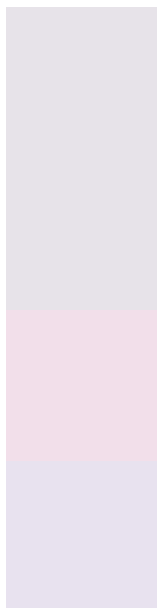
79.4191, 77.6099, 88.6363



Tritanopia

76.7071, 77.6451, 95.7381

Trichromacy



Original Color

75.1321, 77.8103, 88.1498

Protanomaly

75.1321, 77.8103, 88.1498

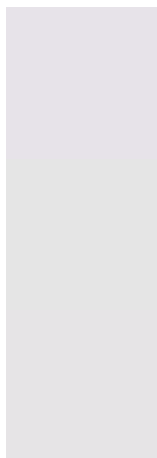
Deuteranomaly

77.8569, 77.5931, 88.7154

Tritanomaly

76.0551, 77.7805, 92.6660

Monochromacy



Original Color

75.1321, 77.8103, 88.1498

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.6595, 78.0230, 85.9879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1321, 77.8103, 88.1498 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, 227, 233) looks like.

```
.text, #text, p{  
    color:rgb(231, 227, 233)  
}
```

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, 227, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 227, 233) }
```

Border

The CSS property to change the border of an element to XYZ 75.1321, 77.8103, 88.1498 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, 227, 233) }
```


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

```
.border{ border-color:rgb(231, 227, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 227, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 227, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 227, 233);  
box-shadow:4px 4px 4px 4px rgb(231, 227,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1321, 77.8103, 88.1498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 227, 233) }
```

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

```
.background{ background-color: rgb(231,  
227, 233) }
```

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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