

Converting Colors

XYZ(75.6113, 77.4938, 82.4162)

Have a look what the booklet for
XYZ(75.6113, 77.4938, 82.4162)
contains.

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Color

**XYZ(75.4409, 77.2912,
82.1767)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | EDE1E1 |
| RGB | 237, 225, 225 |
| RGB Percent | 93%, 88%, 88% |
| CMY | 0.0706, 0.1176, 0.1176 |
| CMYK | 0.00, 0.05, 0.05, 0.07 |
| HSL | 0°, 25%, 91% |
| HSV | 0°, 5%, 93% |
| XYZ | 75.4409, 77.2912, 82.1767 |
| YIQ | 228.5880, 7.1520, 2.5440 |

Conversions

Conversions Part 2

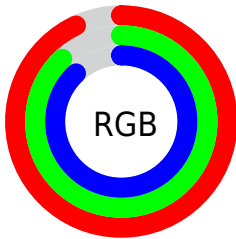
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 237, 225, 225 |
| Decimal | 15589857 |
| CIE _{Lab} | 90.46, 4.08, 1.45 |
| CIE _{LCh} | 90, 4.332, 19.571 |
| Yxy | 77.2912, 0.3211, 0.3290 |
| Android (android.graphics.Color) | 4293779937 (0xFFEDE1E1) |
| YUV | 228.5880, -1.7689, 7.3773 |
| Hunter-Lab | 87.9154, -0.6797, 6.1210 |

Details

The XYZ color **75.4409, 77.2912, 82.1767** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.6215, 82.6892, 92.0440**, and the grayscale version is **74.1843, 78.0476, 84.9939**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6865, 41.4755, 43.8914** is the 20% darker color. If you saturate the color by 10%, you get **66.4634, 64.1556, 64.3247**, and if you desaturate by 10%, it is **85.7602, 92.3904, 102.6919**.

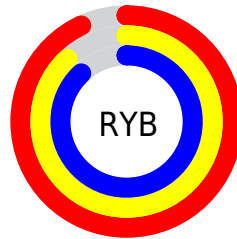
Distribution



Red (93%)

Green (88%)

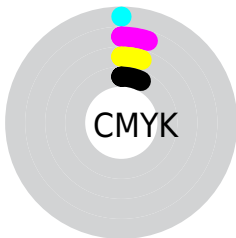
Blue (88%)



Red (93%)

Yellow (88%)

Blue (88%)

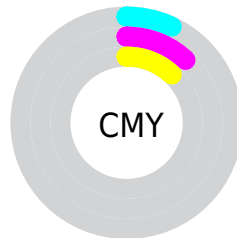


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (7%)



Cyan (7%)

Magenta (12%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4409, 77.2912, 82.1767 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 75.4409, 77.2912, 82.1767 by changing the saturation by 10% instead.

75.4409, 77.2912,
82.1767

75.4409, 77.2912,
82.1767

468.4055,
485.7563, 522.1375

56.2696, 57.4919,
60.9745

125.9209,
129.5505, 138.2607

40.6570, 41.4003,
43.7742

157.9602,
162.7792, 173.9796

28.2376, 28.6320,
30.1571

195.0197,
201.2532, 215.3744

18.6462, 18.8026,
19.7048

237.4646,
245.3569, 262.8638

11.5174, 11.5277,
11.9987

285.6602,
295.4747, 316.8663

6.4858, 6.4230,
6.6203

339.9720,

3.1861, 3.1039,

351.9909, 377.8004

3.1510

400.7653,
415.2900, 446.0846

■ 1.2529, 1.1862,
1.1722

■ 0.1476, 0.0504,
0.0000

■ 75.4409, 77.2912,
82.1767

■ 75.4409, 77.2912,
82.1767

■ 66.4634, 64.1556,
64.3247

■ 85.7602, 92.3904,
102.6919

■ 58.7666, 52.8934,
49.0220

■ 88.7355, 96.7448,
108.6045

■ 52.2939, 43.4224,
36.1539

■ 46.9825, 35.6503,
25.5949

■ 42.7635, 29.4765,
17.2083

■ 39.5612, 24.7902,
10.8432

■ 37.2898, 21.4660,
6.3293

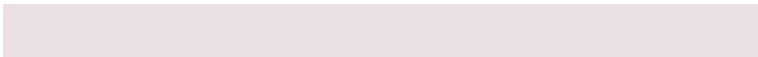
■ 35.8498, 19.3583,
3.4685

■ 35.1188, 18.2881,
2.0173

Harmonies

Analogous

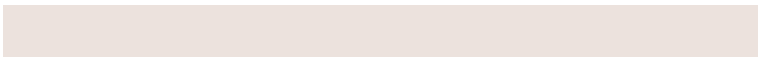
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.5283, 77.2912, 85.2403



75.4409, 77.2912, 82.1767



74.8206, 77.2912, 79.7021

Triad

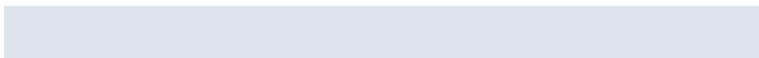
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4409, 77.2912, 82.1767



71.8905, 77.2912, 80.3515



73.0870, 77.2912, 90.1544

Complementary

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



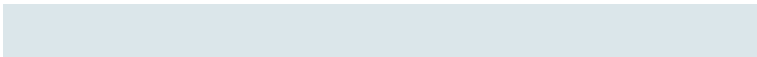
75.4409, 77.2912, 82.1767



76.6215, 82.6892, 92.0440

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.



72.1219, 77.2912, 88.7748



75.4409, 77.2912, 82.1767



71.4356, 77.2912, 83.0829

Square

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



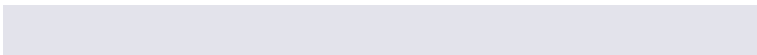
75.4409, 77.2912, 82.1767



72.7682, 77.2912, 78.6663



71.5199, 77.2912, 86.1688



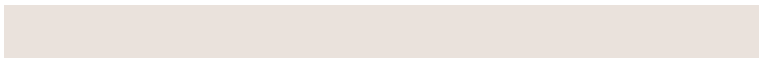
74.1621, 77.2912, 89.8973

Rectangle

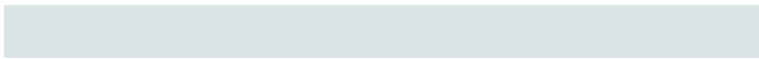
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



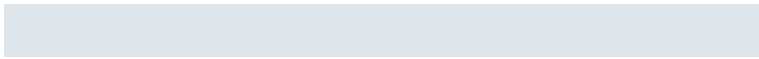
75.4409, 77.2912, 82.1767



74.1916, 77.2912, 78.6956



71.5199, 77.2912, 86.1688



72.7391, 77.2912, 89.8654

Sweetspot

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



75.4431, 77.2946, 82.1784



92.6347, 96.4660, 104.0977



77.1374, 77.9706, 91.1061



19.8529, 20.6847, 22.3315



0.0000, 0.0000, 0.0000



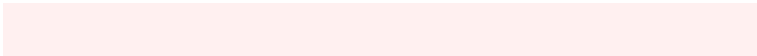
20.3446, 21.4041, 23.3091

Same Dimension

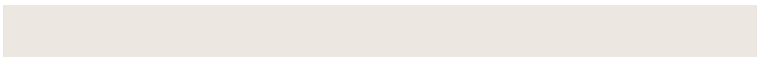
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4431, 77.2946, 82.1784



87.9970, 89.6802, 94.8767



77.0927, 80.5938, 82.7282



15.6200, 15.8656, 16.7322



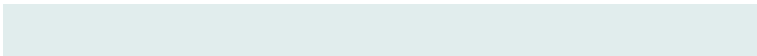
19.0684, 9.8311, 0.8926



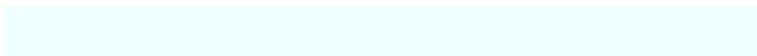
1.4975, 0.7723, 0.0701

Inverse Universe

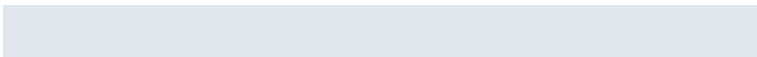
The Inverse Universe completely reimagines the original color for something new.



76.6215, 82.6892, 92.0440



89.6418, 97.2095, 108.6464



74.9144, 79.2750, 91.4750



15.9422, 17.3402, 19.4290



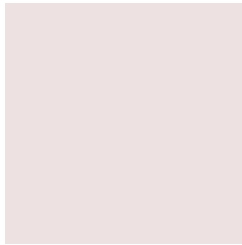
24.8673, 36.3816, 49.4547



1.9528, 2.8571, 3.8834

Previews

White Background



This preview shows how the XYZ color 75.4409, 77.2912, 82.1767 looks on a white background.

Color Contrast Check

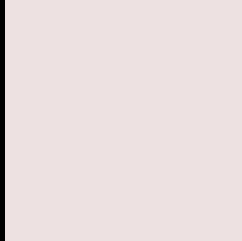
Large Text (above 18pt) WCAG AA × Fail

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 75.4409, 77.2912, 82.1767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

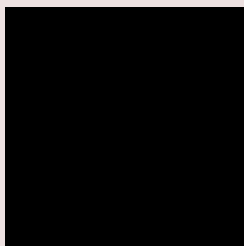
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

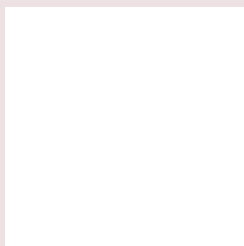
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.4409, 77.2912, 82.1767

Background



This preview shows how black text looks on a background with the XYZ color 75.4409, 77.2912, 82.1767.

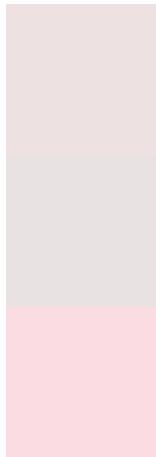


This preview shows how white text looks on a background with the XYZ color 75.4409, 77.2912,

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

75.4409, 77.2912, 82.1767

Protanopia

74.4753, 77.5850, 83.0016

Deuteranopia

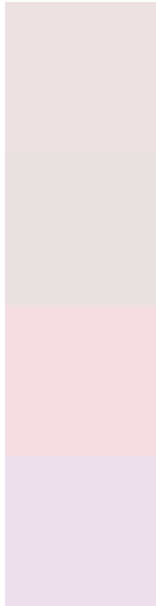
78.7450, 77.0014, 82.6639



Tritanopia

77.7125, 77.4173, 93.2852

Trichromacy



Original Color

75.4409, 77.2912, 82.1767

Protanomaly

74.8555, 77.3761, 82.9413

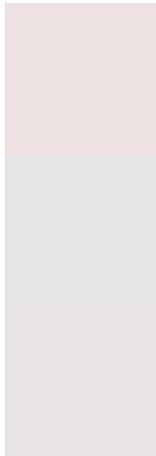
Deuteranomaly

77.5049, 77.1460, 82.7572

Tritanomaly

76.9109, 77.4866, 89.5000

Monochromacy



Original Color

75.4409, 77.2912, 82.1767

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.0257, 78.2440, 84.5471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4409, 77.2912, 82.1767 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(237, 225, 225)` looks like.

```
.text, #text, p{  
    color:rgb(237, 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(237, 225, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 225, 225) }
```

Border

The CSS property to change the border of an element to XYZ 75.4409, 77.2912, 82.1767 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(237, 225, 225) }
```


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

```
.border{ border-color:rgb(237, 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(237, 225, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 225, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 225, 225);  
box-shadow:4px 4px 4px 4px rgb(237, 225,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4409, 77.2912, 82.1767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 225, 225) }
```

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

```
.background{ background-color: rgb(237,  
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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