

Converting Colors

XYZ(74.2942, 77.0388, 85.0830)

Have a look what the booklet for
XYZ(74.2942, 77.0388, 85.0830)
contains.

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Color

**XYZ(74.2942, 77.0388,
85.0830)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E2E5
RGB	231, 226, 229
RGB Percent	91%, 89%, 90%
CMY	0.0941, 0.1137, 0.1020
CMYK	0.00, 0.02, 0.01, 0.09
HSL	324°, 9%, 90%
HSV	324°, 2%, 91%
XYZ	74.2942, 77.0388, 85.0830
YIQ	227.8370, 2.0170, 1.9930

Conversions

Conversions Part 2

Format	Color
R _Y B	231, 226, 229
Decimal	15196901
CIE Lab	90.34, 2.22, -0.87
CIE LCh	90, 2.389, 338.620
Yxy	77.0388, 0.3143, 0.3259
Android (android.graphics.Color)	4293386981 (0xFFE7E2E5)
YUV	227.8370, 0.5734, 2.7740
Hunter-Lab	87.7717, -2.5096, 3.9665

Details

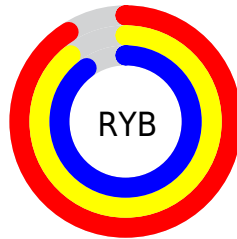
The XYZ color **74.2942, 77.0388, 85.0830** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.9464, 78.9240, 84.7391**, and the grayscale version is **73.6205, 77.4545, 84.3479**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8821, 41.2958, 45.9133** is the 20% darker color. If you saturate the color by 10%, you get **67.1748, 64.8107, 76.5092**, and if you desaturate by 10%, it is **82.3330, 90.9935, 94.3045**.

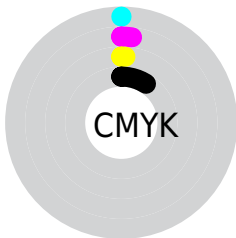
Distribution



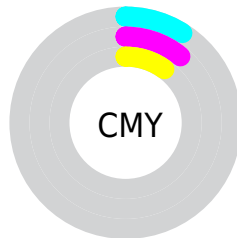
- Red (91%)
- Green (89%)
- Blue (90%)



- Red (91%)
- Yellow (89%)
- Blue (90%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (9%)



- Cyan (9%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2942, 77.0388, 85.0830 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 74.2942, 77.0388, 85.0830 by changing the saturation by 10% instead.

■ 74.2942, 77.0388,
85.0830

■ 74.2942, 77.0388,
85.0830

464.5228,
484.8963, 532.0544

■ 55.3270, 57.2847,
63.3594

124.3060,
129.1943, 142.3643

■ 39.8985, 41.2339,
45.6892

156.0814,
162.3644, 178.7592

■ 27.6432, 28.5019,
31.6537

192.8568,
200.7754, 220.8815

■ 18.1960, 18.7043,
20.8345

234.9977,
244.8116, 269.1498

■ 11.1913, 11.4568,
12.8130

282.8694,
294.8574, 323.9828

■ 6.2639, 6.3750,
7.1707

336.8372,

■ 3.0484, 3.0744,

351.2972, 385.7988

3.4890

397.2666,
414.5153, 455.0165

■ 1.1794, 1.1707,
1.3494

■ 0.0900, 0.0376,
0.1018

■ 74.2942, 77.0388,
85.0830

■ 74.2942, 77.0388,
85.0830

■ 67.1748, 64.8107,
76.5092

■ 82.3330, 90.9935,
94.3045

■ 60.9337, 54.2316,
68.5612

■ 85.5805, 95.2552,
102.2725

■ 55.5359, 45.2328,
61.2232

■ 86.7654, 95.7292,
108.5123

■ 50.9420, 37.7368,
54.4764

■ 47.1090, 31.6595,
48.3008

■ 43.9898, 26.9086,
42.6751

■ 41.5316, 23.3806,
37.5756

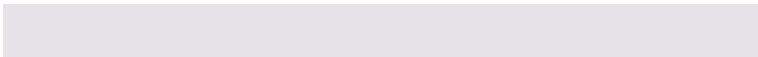
■ 39.6741, 20.9567,
32.9761

■ 38.3446, 19.4936,
28.8461

Harmonies

Analogous

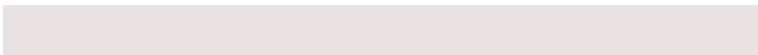
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9399, 77.0388, 86.4698



74.2942, 77.0388, 85.0830



74.3607, 77.0388, 83.3918

Triad

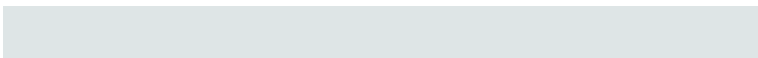
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2942, 77.0388, 85.0830



73.0516, 77.0388, 80.6823



72.3323, 77.0388, 85.9451

Complementary

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



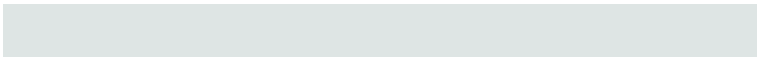
74.2942, 77.0388, 85.0830



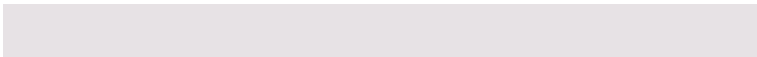
73.9464, 78.9240, 84.7391

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.



72.0971, 77.0388, 84.3745



74.2942, 77.0388, 85.0830



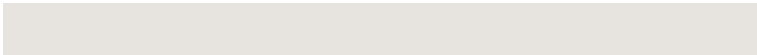
72.5109, 77.0388, 81.3467

Square

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



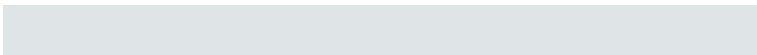
74.2942, 77.0388, 85.0830



73.6412, 77.0388, 80.8662



72.1623, 77.0388, 82.6927



72.8065, 77.0388, 86.9721

Rectangle

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



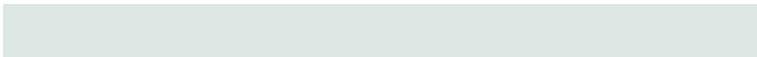
74.2942, 77.0388, 85.0830



74.2325, 77.0388, 82.3216



72.1623, 77.0388, 82.6927



72.2228, 77.0388, 85.4623

Sweetspot

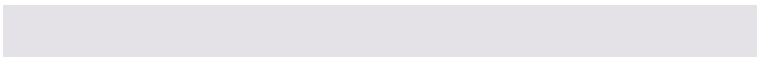
The Sweet Spot groups the original color and five complimentary colors.



74.2964, 77.0421, 85.0847



94.0780, 98.3182, 107.7674



73.6180, 76.6600, 86.5191



20.1468, 21.0619, 23.0786



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

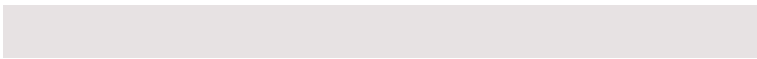
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2964, 77.0421, 85.0847



92.1687, 95.0201, 105.5267



73.9502, 76.9037, 83.2618



15.6063, 16.0046, 17.8637



21.1314, 10.5868, 14.8527



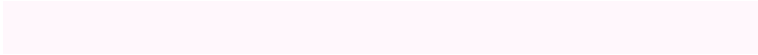
1.6071, 0.8006, 1.3376

Inverse Universe

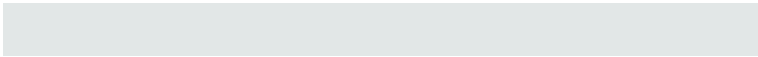
The Inverse Universe completely reimagines the original color for something new.



74.2964, 77.0421, 85.0847



92.1687, 95.0201, 105.5267



74.2956, 79.0637, 86.5779



15.6063, 16.0046, 17.8637



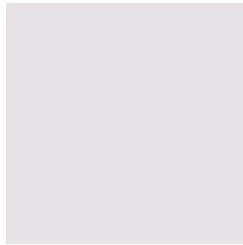
21.1314, 10.5868, 14.8527



1.6071, 0.8006, 1.3376

Previews

White Background



This preview shows how the XYZ color 74.2942, 77.0388, 85.0830 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 74.2942, 77.0388, 85.0830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

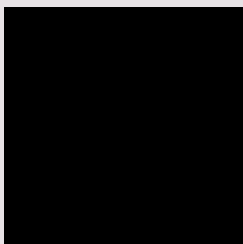
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

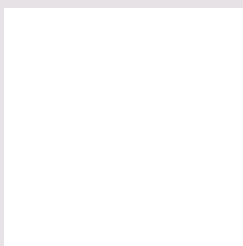
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2942, 77.0388, 85.0830

Background



This preview shows how black text looks on a background with the XYZ color 74.2942, 77.0388, 85.0830.



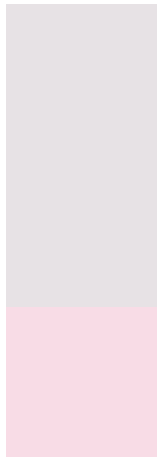
This preview shows how white text looks on a background with the XYZ color 74.2942, 77.0388,

85.0830.

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

74.2942, 77.0388, 85.0830

Protanopia

74.2942, 77.0388, 85.0830

Deuteranopia

78.5875, 76.8560, 85.5556



Tritanopia

76.2869, 77.0458, 94.8550

Trichromacy



Original Color

74.2942, 77.0388, 85.0830

Protanomaly

74.2942, 77.0388, 85.0830

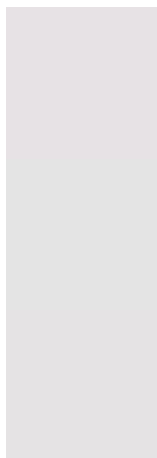
Deuteranomaly

77.0222, 76.8330, 85.6337

Tritanomaly

75.4900, 77.1207, 91.0278

Monochromacy



Original Color

74.2942, 77.0388, 85.0830

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.7858, 77.1976, 84.4105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2942, 77.0388, 85.0830 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, 229) looks like.

```
.text, #text, p{  
    color:rgb(231, 226, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 226, 229) }
```

Border

The CSS property to change the border of an element to XYZ 74.2942, 77.0388, 85.0830 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, 229) }
```


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

```
.border{ border-color:rgb(231, 226, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 226, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 226, 229);  
box-shadow:4px 4px 4px 4px rgb(231, 226,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2942, 77.0388, 85.0830 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, 229) }
```

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

```
.background{ background-color: rgb(231,  
226, 229) }
```

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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