

Converting Colors

XYZ(74.2283, 77.8977, 85.6455)

Have a look what the booklet for
XYZ(74.2283, 77.8977, 85.6455)
contains.

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Color

**XYZ(74.3394, 77.8580,
85.9729)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E4E6
RGB	229, 228, 230
RGB Percent	90%, 89%, 90%
CMY	0.1020, 0.1059, 0.0980
CMYK	0.00, 0.01, 0.00, 0.10
HSL	270°, 4%, 90%
HSV	270°, 1%, 90%
XYZ	74.3394, 77.8580, 85.9729
YIQ	228.5270, -0.0460, 0.8340

Conversions

Conversions Part 2

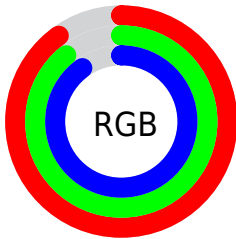
Format	Color
R _Y B	229, 228, 230
Decimal	15066342
CIE Lab	90.72, 0.70, -0.86
CIE LCh	91, 1.111, 308.985
Yxy	77.8580, 0.3121, 0.3269
Android (android.graphics.Color)	4293256422 (0xFFE5E4E6)
YUV	228.5270, 0.7262, 0.4148
Hunter-Lab	88.2372, -4.0297, 3.9975

Details

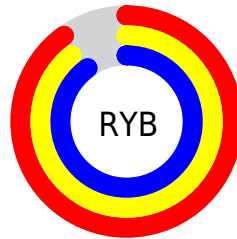
The XYZ color **74.3394, 77.8580, 85.9729** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.6165, 78.8552, 84.6907**, and the grayscale version is **74.1255, 77.9858, 84.9266**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1370, 41.9810, 46.5451** is the 20% darker color. If you saturate the color by 10%, you get **64.8728, 64.2033, 83.8374**, and if you desaturate by 10%, it is **84.8963, 93.3287, 88.4038**.

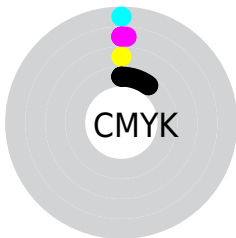
Distribution



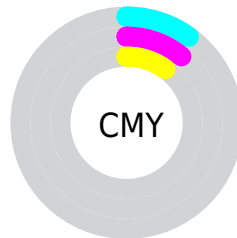
- Red (90%)
- Green (89%)
- Blue (90%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3394, 77.8580, 85.9729 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 74.3394, 77.8580, 85.9729 by changing the saturation by 10% instead.

■ 74.3394, 77.8580,
85.9729

■ 74.3394, 77.8580,
85.9729

464.6762,
487.6844, 535.0702

■ 55.3641, 57.9573,
64.0908

124.3697,
130.3499, 143.6179

■ 39.9283, 41.7744,
46.2776

156.1555,
163.7100, 180.2178

■ 27.6666, 28.9246,
32.1147

192.9422,
202.3253, 222.5608

■ 18.2137, 19.0238,
21.1836

235.0951,
246.5802, 271.0654

■ 11.2041, 11.6875,
13.0657

282.9796,
296.8592, 326.1501

■ 6.2726, 6.5313,
7.3425

336.9610,

■ 3.0538, 3.1707,

353.5467, 388.2334

3.5956

397.4048,
417.0269, 457.7339

■ 1.1823, 1.2215,
1.4062

■ 0.0923, 0.0792,
0.1465

■ 74.3394, 77.8580,
85.9729

■ 74.3394, 77.8580,
85.9729

■ 64.8728, 64.2033,
83.8374

■ 84.8963, 93.3287,
88.4038

■ 56.4523, 52.2861,
81.9810

■ 90.2066, 97.9383,
89.0137

■ 49.0399, 42.0371,
80.3934

■ 91.2832, 98.4933,
89.0640

■ 42.5930, 33.3781,
79.0618

■ 37.0655, 26.2248,
77.9724

■ 32.4072, 20.4846,
77.1100

■ 28.5624, 16.0545,
76.4575

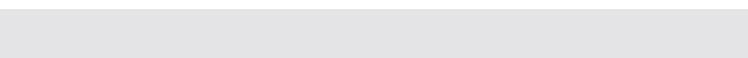
■ 25.4680, 12.8165,
75.9956

■ 23.0493, 10.6305,
75.7011

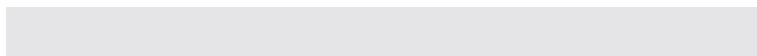
Harmonies

Analogous

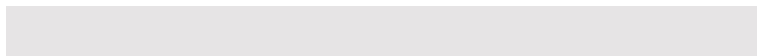
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0854, 77.8580, 86.2993



74.3394, 77.8580, 85.9729



74.5032, 77.8580, 85.3258

Triad

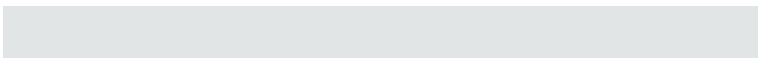
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3394, 77.8580, 85.9729



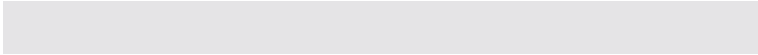
74.1941, 77.8580, 83.3493



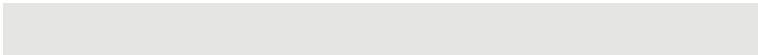
73.4736, 77.8580, 85.0141

Complementary

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



74.3394, 77.8580, 85.9729



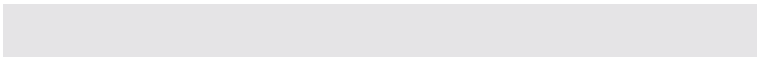
74.6165, 78.8552, 84.6907

Split Complementary

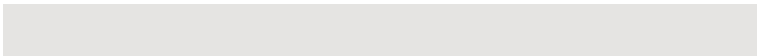
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.5025, 77.8580, 84.2249



74.3394, 77.8580, 85.9729



73.9180, 77.8580, 83.2670

Square

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



74.3394, 77.8580, 85.9729



74.4191, 77.8580, 83.8121



73.6650, 77.8580, 83.5865



73.5859, 77.8580, 85.7435

Rectangle

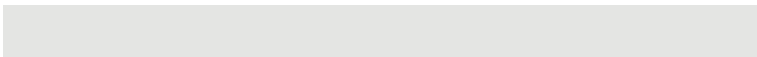
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



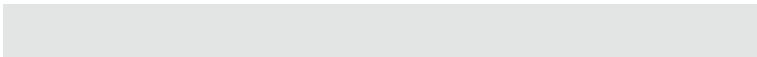
74.3394, 77.8580, 85.9729



74.5389, 77.8580, 84.8013



73.6650, 77.8580, 83.5865



73.4671, 77.8580, 84.7469

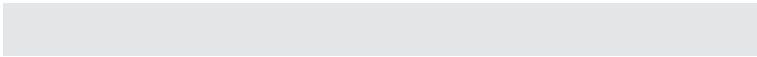
Sweetspot

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



74.3416, 77.8613, 85.9746

95.0500, 100.0000, 108.9000



74.3093, 78.2671, 86.0546



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

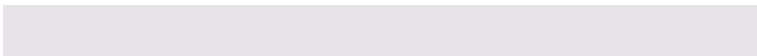
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3416, 77.8613, 85.9746



93.7734, 98.1422, 108.6087



74.6510, 78.0209, 85.9891



16.0149, 16.7664, 18.5365



12.2114, 5.3611, 42.7744



1.0095, 0.4514, 3.1659

Inverse Universe

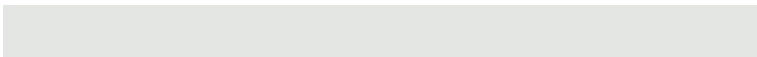
The Inverse Universe completely reimagines the original color for something new.



74.5222, 77.9706, 85.2550



94.0377, 98.3021, 107.5554



74.3088, 78.6966, 84.6763



16.0573, 16.7920, 18.3675



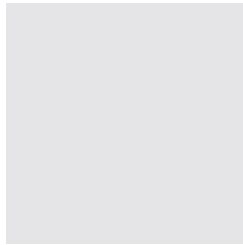
20.2969, 10.2530, 10.4584



1.5468, 0.7764, 1.0198

Previews

White Background



This preview shows how the XYZ color 74.3394, 77.8580, 85.9729 looks on a white background.

Color Contrast Check

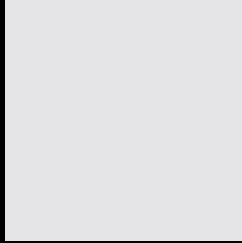
Large Text (above 18pt) WCAG AA × Fail

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 74.3394, 77.8580, 85.9729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

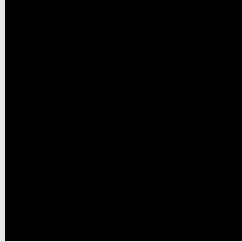
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

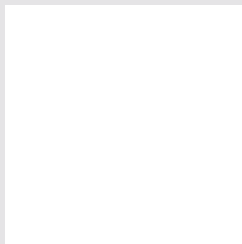
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3394, 77.8580, 85.9729

Background



This preview shows how black text looks on a background with the XYZ color 74.3394, 77.8580, 85.9729.



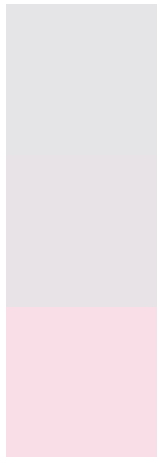
This preview shows how white text looks on a background with the XYZ color 74.3394, 77.8580,

85.9729.

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

74.3394, 77.8580, 85.9729

Protanopia

75.0307, 77.8071, 85.9266

Deuteranopia

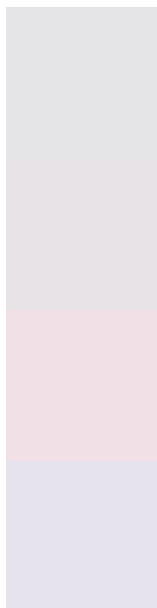
79.3472, 77.6222, 86.4018



Tritanopia

76.4805, 77.9133, 96.5958

Trichromacy



Original Color

74.3394, 77.8580, 85.9729

Protanomaly

74.7070, 77.6403, 85.9115

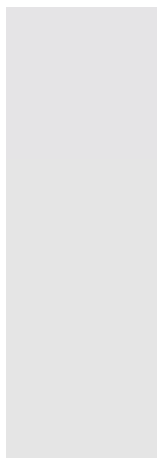
Deuteranomaly

77.6974, 77.9581, 86.5536

Tritanomaly

75.6822, 77.9932, 92.7267

Monochromacy



Original Color

74.3394, 77.8580, 85.9729

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.4753, 78.3538, 85.3273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3394, 77.8580, 85.9729 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, 228, 230) looks like.

```
.text, #text, p{  
    color:rgb(229, 228, 230)  
}
```

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, 228, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 228, 230) }
```

Border

The CSS property to change the border of an element to XYZ 74.3394, 77.8580, 85.9729 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, 228, 230) }
```

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

```
.border{ border-color:rgb(229, 228, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 228, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 228, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 228, 230);  
box-shadow:4px 4px 4px 4px rgb(229, 228,  
230) }
```


Background

The CSS property to change the background color of an element to XYZ 74.3394, 77.8580, 85.9729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 228, 230) }
```

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

```
.background{ background-color: rgb(229,  
228, 230) }
```

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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