

Converting Colors

XYZ(74.9465, 77.2497, 85.0144)

Have a look what the booklet for
XYZ(74.9465, 77.2497, 85.0144)
contains.

XYZ(74.9435, 77.3735, 85.1134)	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(74.9435, 77.3735,
85.1134)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E2E5
RGB	233, 226, 229
RGB Percent	91%, 89%, 90%
CMY	0.0863, 0.1137, 0.1020
CMYK	0.00, 0.03, 0.02, 0.09
HSL	334°, 14%, 90%
HSV	334°, 3%, 91%
XYZ	74.9435, 77.3735, 85.1134
YIQ	228.4350, 3.2090, 2.4170

Conversions

Conversions Part 2

Format	Color
R _Y B	233, 226, 229
Decimal	15327973
CIE Lab	90.49, 2.90, -0.63
CIE LCh	90, 2.966, 347.786
Yxy	77.3735, 0.3156, 0.3259
Android (android.graphics.Color)	4293518053 (0xFFE9E2E5)
YUV	228.4350, 0.2785, 4.0035
Hunter-Lab	87.9622, -1.8525, 4.2038

Details

The XYZ color **74.9435, 77.3735, 85.1134** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.7888, 80.1618, 86.3979**, and the grayscale version is **74.0596, 77.9164, 84.8510**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3344, 41.5289, 45.9344** is the 20% darker color. If you saturate the color by 10%, you get **67.2445, 64.8381, 73.7199**, and if you desaturate by 10%, it is **83.6506, 91.6946, 97.5492**.

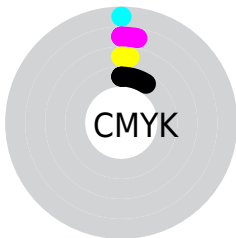
Distribution



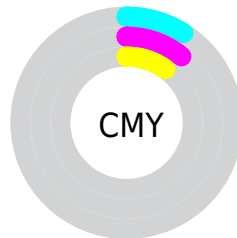
- Red (91%)
- Green (89%)
- Blue (90%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9435, 77.3735, 85.1134 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 74.9435, 77.3735, 85.1134 by changing the saturation by 10% instead.

■ 74.9435, 77.3735,
85.1134

■ 74.9435, 77.3735,
85.1134

466.7235,
486.0365, 532.1576

■ 55.8606, 57.5595,
63.3844

125.2207,
129.6666, 142.4072

■ 40.3277, 41.4546,
45.7093

157.1458,
162.9144, 178.8090

■ 27.9795, 28.6745,
31.6694

194.0822,
201.4090, 220.9389

■ 18.4506, 18.8347,
20.8464

236.3955,
245.5347, 269.2153

■ 11.3756, 11.5509,
12.8216

284.4509,
295.6759, 324.0569

■ 6.3892, 6.4387,
7.1766

338.6138,

■ 3.1261, 3.1136,

352.2170, 385.8821

3.4926

399.2496,
415.5424, 455.1095

■ 1.2208, 1.1913,
1.3514

■ 0.1227, 0.0546,
0.1033

■ 74.9435, 77.3735,
85.1134

■ 74.9435, 77.3735,
85.1134

■ 67.2445, 64.8381,
73.7199

■ 83.6506, 91.6946,
97.5492

■ 60.5094, 54.0080,
63.3352

■ 87.4148, 96.0639,
108.5427

■ 54.7002, 44.8118,
53.9315

■ 49.7739, 37.1689,
45.4775

■ 45.6840, 30.9918,
37.9402

■ 42.3794, 26.1844,
31.2842

■ 39.8032, 22.6388,
25.4714

■ 37.8897, 20.2307,
20.4597

■ 36.5607, 18.8100,
16.2019

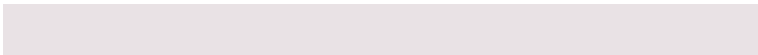
Harmonies

Analogous

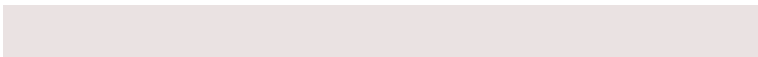
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.6022, 77.3735, 87.0200



74.9435, 77.3735, 85.1134



74.9072, 77.3735, 83.0054

Triad

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



74.9435, 77.3735, 85.1134



73.1065, 77.3735, 80.4180



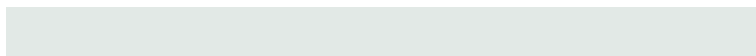
72.5874, 77.3735, 87.3072

Complementary

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



74.9435, 77.3735, 85.1134



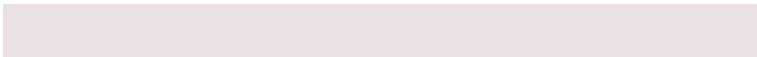
74.7888, 80.1618, 86.3979

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.



72.1919, 77.3735, 85.5001



74.9435, 77.3735, 85.1134



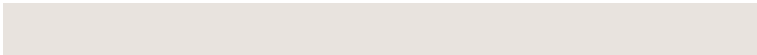
72.4903, 77.3735, 81.5327

Square

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



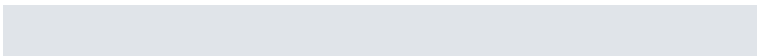
74.9435, 77.3735, 85.1134



73.8432, 77.3735, 80.3184



72.1565, 77.3735, 83.3857



73.2400, 77.3735, 88.3008

Rectangle

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



74.9435, 77.3735, 85.1134



74.6737, 77.3735, 81.7694



72.1565, 77.3735, 83.3857



72.4202, 77.3735, 86.7733

Sweetspot

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



74.9457, 77.3768, 85.1151



94.0080, 98.2902, 107.3991



74.5295, 77.0970, 88.0450



20.1326, 21.0562, 23.0037



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

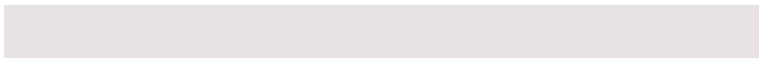
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9457, 77.3768, 85.1151



90.9571, 93.2939, 102.9738



74.6578, 77.4649, 82.9728



16.1427, 16.4805, 18.2339



20.4264, 10.3732, 8.0465



1.6513, 0.8335, 0.8810

Inverse Universe

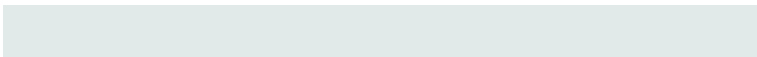
The Inverse Universe completely reimagines the original color for something new.



74.9457, 77.3768, 85.1151



90.9571, 93.2939, 102.9738



75.0814, 80.0679, 88.5893



16.1427, 16.4805, 18.2339



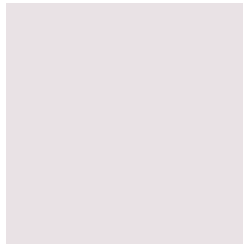
20.4264, 10.3732, 8.0465



1.6513, 0.8335, 0.8810

Previews

White Background



This preview shows how the XYZ color 74.9435, 77.3735, 85.1134 looks on a white background.

Color Contrast Check

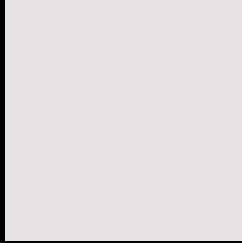
Large Text (above 18pt) WCAG AA × Fail

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 74.9435, 77.3735, 85.1134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

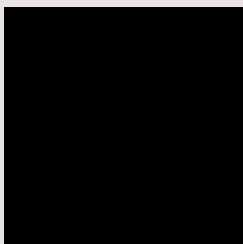
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

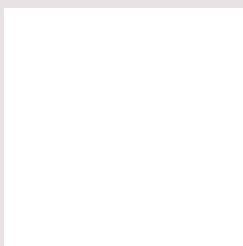
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9435, 77.3735, 85.1134

Background



This preview shows how black text looks on a background with the XYZ color 74.9435, 77.3735, 85.1134.

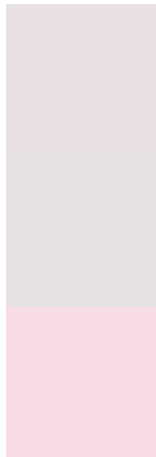


This preview shows how white text looks on a background with the XYZ color 74.9435, 77.3735,

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

74.9435, 77.3735, 85.1134

Protanopia

74.5669, 77.5842, 85.1739

Deuteranopia

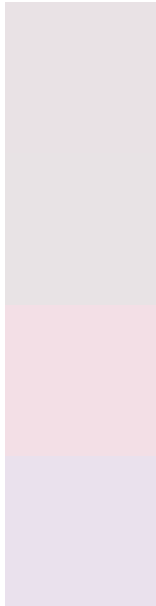
79.2063, 77.5658, 85.6600



Tritanopia

76.9436, 77.3843, 94.8857

Trichromacy



Original Color

74.9435, 77.3735, 85.1134

Protanomaly

74.8907, 77.7511, 85.1890

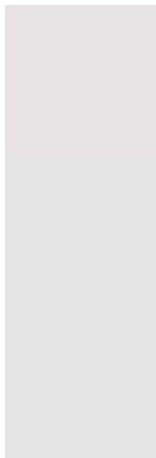
Deuteranomaly

77.6328, 77.5432, 85.7386

Tritanomaly

76.1430, 77.4573, 91.0583

Monochromacy



Original Color

74.9435, 77.3735, 85.1134

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.1058, 77.3626, 84.4255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9435, 77.3735, 85.1134 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(233, 226, 229) looks like.

```
.text, #text, p{  
    color:rgb(233, 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(233, 226, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 226, 229) }
```

Border

The CSS property to change the border of an element to XYZ 74.9435, 77.3735, 85.1134 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(233, 226, 229) }
```


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

```
.border{ border-color:rgb(233, 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(233, 226, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 226, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 226, 229);  
box-shadow:4px 4px 4px 4px rgb(233, 226,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9435, 77.3735, 85.1134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 226, 229) }
```

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

```
.background{ background-color: rgb(233,  
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](#).

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