

Converting Colors

XYZ(74.5046, 77.0512, 89.5489)

Have a look what the booklet for
XYZ(74.5046, 77.0512, 89.5489)
contains.

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Color

**XYZ(74.5049, 77.0489,
89.5424)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E2EB
RGB	229, 226, 235
RGB Percent	90%, 89%, 92%
CMY	0.1020, 0.1137, 0.0784
CMYK	0.03, 0.04, 0.00, 0.08
HSL	260°, 18%, 90%
HSV	260°, 4%, 92%
XYZ	74.5049, 77.0489, 89.5424
YIQ	227.9230, -1.1010, 3.4350

Conversions

Conversions Part 2

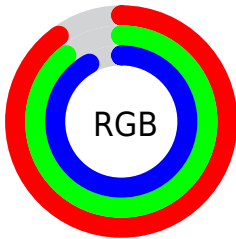
Format	Color
R _{YB}	229, 226, 235
Decimal	15065835
CIE Lab	90.34, 2.64, -4.03
CIE LCh	90, 4.814, 303.243
Yxy	77.0489, 0.3090, 0.3196
Android (android.graphics.Color)	4293255915 (0xFFE5E2EB)
YUV	227.9230, 3.4890, 0.9445
Hunter-Lab	87.7775, -2.1011, 0.9621

Details

The XYZ color **74.5049, 77.0489, 89.5424** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.7174, 82.0655, 83.7522**, and the grayscale version is **73.6643, 77.5006, 84.3982**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1552, 41.3792, 48.5184** is the 20% darker color. If you saturate the color by 10%, you get **63.7710, 62.6722, 87.3343**, and if you desaturate by 10%, it is **86.5705, 93.4166, 92.0669**.

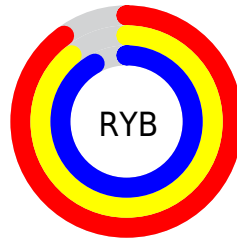
Distribution



Red (90%)

Green (89%)

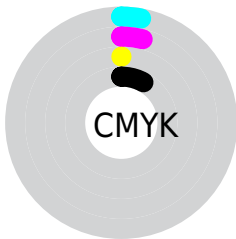
Blue (92%)



Red (90%)

Yellow (89%)

Blue (92%)

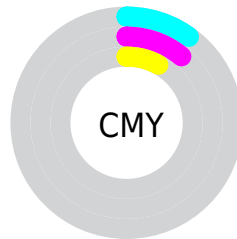


Cyan (3%)

Magenta (4%)

Yellow (0%)

Black (8%)



Cyan (10%)

Magenta (11%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5049, 77.0489, 89.5424 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 74.5049, 77.0489, 89.5424 by changing the saturation by 10% instead.

■ 74.5049, 77.0489,
89.5424

■ 74.5049, 77.0489,
89.5424

465.2376,
484.9307, 547.0728

■ 55.5001, 57.2930,
67.0296

124.6029,
129.2085, 148.6326

■ 40.0377, 41.2405,
48.6469

156.4269,
162.3810, 186.0470

■ 27.7523, 28.5071,
33.9759

193.2547,
200.7945, 229.2658

■ 18.2785, 18.7083,
22.5978

235.4516,
244.8334, 278.7073

■ 11.2510, 11.4597,
14.0943

283.3829,
294.8821, 334.7903

■ 6.3045, 6.3769,
8.0468

337.4142,

■ 3.0735, 3.0756,

351.3249, 397.9332

4.0367

397.9106,
414.5463, 468.5545

■ 1.1928, 1.1713,
1.6455

■ 0.1006, 0.0381,
0.3230

■ 74.5049, 77.0489,
89.5424

■ 74.5049, 77.0489,
89.5424

■ 63.7710, 62.6722,
87.3343

■ 86.5705, 93.4166,
92.0669

■ 54.3149, 50.1996,
85.4253

■ 91.9956, 98.7783,
92.8159

■ 46.0886, 39.5524,
83.8037

■ 39.0386, 30.6427,
82.4555

■ 33.1069, 23.3748,
81.3653

■ 28.2305, 17.6439,
80.5162

■ 24.3393, 13.3325,
79.8891

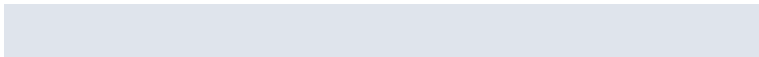
■ 21.3537, 10.3051,
79.4621

■ 19.1789, 8.3981,
79.2086

Harmonies

Analogous

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



73.3633, 77.0489, 90.6655



74.5049, 77.0489, 89.5424



75.3124, 77.0489, 86.9036

Triad

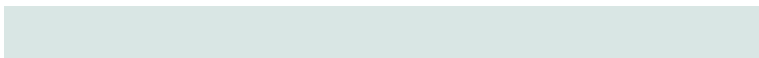
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5049, 77.0489, 89.5424



74.2764, 77.0489, 78.1296



70.9530, 77.0489, 84.2676

Complementary

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



74.5049, 77.0489, 89.5424



76.7174, 82.0655, 83.7522

Split Complementary

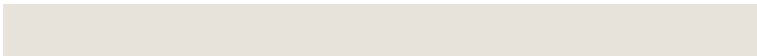
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.1915, 77.0489, 80.9530



74.5049, 77.0489, 89.5424



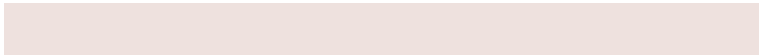
73.1022, 77.0489, 77.4668

Square

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



74.5049, 77.0489, 89.5424



75.1795, 77.0489, 80.3224



71.9750, 77.0489, 78.4867



71.3197, 77.0489, 87.5682

Rectangle

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



74.5049, 77.0489, 89.5424



75.5481, 77.0489, 84.6731



71.9750, 77.0489, 78.4867



70.9650, 77.0489, 83.1180

Sweetspot

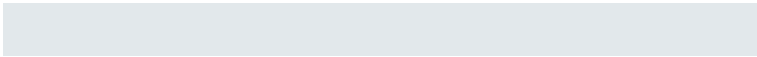
The Sweet Spot groups the original color and five complimentary colors.



74.5071, 77.0522, 89.5441



93.6190, 98.0627, 108.6015



75.2610, 79.9672, 90.0670



20.0534, 21.0099, 23.2483



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.



74.5071, 77.0522, 89.5441



88.0571, 90.5560, 107.4457



75.9128, 77.7769, 89.6099



15.5923, 15.9846, 19.1858



10.2275, 4.3084, 44.0355



0.9017, 0.3892, 3.4625

Inverse Universe

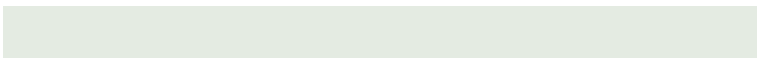
The Inverse Universe completely reimagines the original color for something new.



76.0255, 77.8846, 87.3740



90.4403, 91.8627, 104.0276



75.3225, 81.3464, 83.6869



16.0727, 16.2480, 18.4954



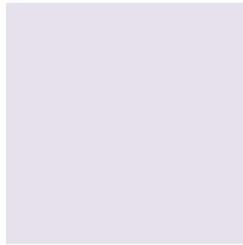
22.5035, 11.2041, 18.9844



1.8114, 0.8975, 1.7240

Previews

White Background



This preview shows how the XYZ color 74.5049, 77.0489, 89.5424 looks on a white background.

Color Contrast Check

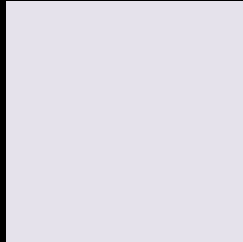
Large Text (above 18pt) WCAG AA × Fail

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 74.5049, 77.0489, 89.5424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

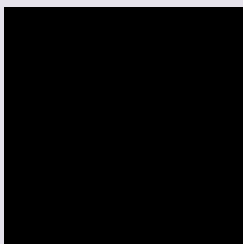
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

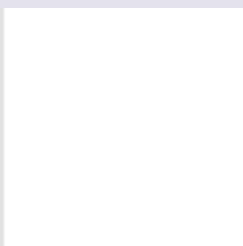
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5049, 77.0489, 89.5424

Background



This preview shows how black text looks on a background with the XYZ color 74.5049, 77.0489, 89.5424.



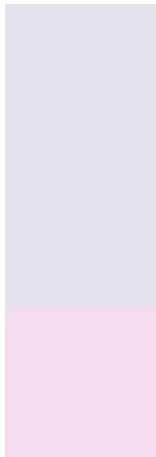
This preview shows how white text looks on a background with the XYZ color 74.5049, 77.0489,

89.5424.

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

74.5049, 77.0489, 89.5424

Protanopia

74.5049, 77.0489, 89.5424

Deuteranopia

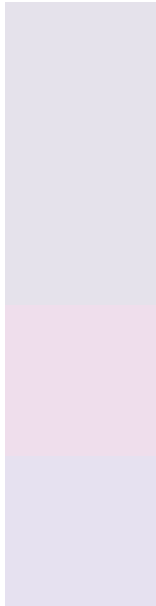
78.3897, 76.6550, 90.0212



Tritanopia

75.7360, 77.1445, 95.6927

Trichromacy



Original Color

74.5049, 77.0489, 89.5424

Protanomaly

74.5049, 77.0489, 89.5424

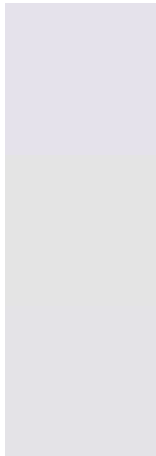
Deuteranomaly

76.8582, 76.6494, 90.1008

Tritanomaly

75.2865, 76.9647, 93.3257

Monochromacy



Original Color

74.5049, 77.0489, 89.5424

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.8878, 77.2017, 86.6084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5049, 77.0489, 89.5424 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, 226, 235) looks like.

```
.text, #text, p{  
    color:rgb(229, 226, 235)  
}
```

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, 226, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 226, 235) }
```

Border

The CSS property to change the border of an element to XYZ 74.5049, 77.0489, 89.5424 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, 226, 235) }
```


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

```
.border{ border-color:rgb(229, 226, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 226, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 226, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 226, 235);  
box-shadow:4px 4px 4px 4px rgb(229, 226,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5049, 77.0489, 89.5424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 226, 235) }
```

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

```
.background{ background-color: rgb(229,  
226, 235) }
```

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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