

Converting Colors

XYZ(74.6678, 77.5417, 93.3239)

Have a look what the booklet for
XYZ(74.6678, 77.5417, 93.3239)
contains.

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Color

**XYZ(74.5613, 77.3982,
93.4476)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E3F0
RGB	226, 227, 240
RGB Percent	89%, 89%, 94%
CMY	0.1137, 0.1098, 0.0588
CMYK	0.06, 0.05, 0.00, 0.06
HSL	236°, 32%, 91%
HSV	236°, 6%, 94%
XYZ	74.5613, 77.3982, 93.4476
YIQ	228.1830, -4.7690, 3.8310

Conversions

Conversions Part 2

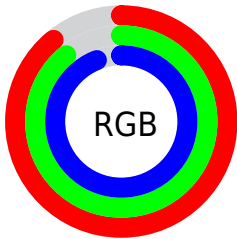
Format	Color
R _Y B	226, 227, 240
Decimal	14869488
CIE Lab	90.50, 2.06, -6.44
CIE LCh	91, 6.758, 287.782
Yxy	77.3982, 0.3038, 0.3154
Android (android.graphics.Color)	4293059568 (0xFFE2E3F0)
YUV	228.1830, 5.8258, -1.9145
Hunter-Lab	87.9762, -2.6768, -1.3939

Details

The XYZ color **74.5613, 77.3982, 93.4476** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.5293, 85.7485, 84.2596**, and the grayscale version is **73.8398, 77.6852, 84.5992**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1988, 41.6237, 51.2629** is the 20% darker color. If you saturate the color by 10%, you get **61.8517, 62.3795, 91.2198**, and if you desaturate by 10%, it is **89.1174, 94.5435, 95.9910**.

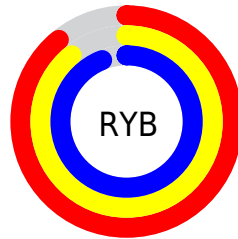
Distribution



Red (89%)

Green (89%)

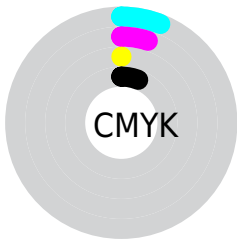
Blue (94%)



Red (89%)

Yellow (89%)

Blue (94%)

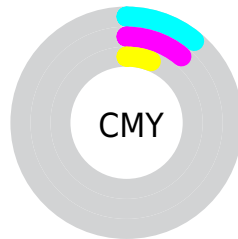


Cyan (6%)

Magenta (5%)

Yellow (0%)

Black (6%)



Cyan (11%)

Magenta (11%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5613, 77.3982, 93.4476 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 74.5613, 77.3982, 93.4476 by changing the saturation by 10% instead.

■ 74.5613, 77.3982,
93.4476

■ 74.5613, 77.3982,
93.4476

465.4288,
486.1206, 560.0400

■ 55.5465, 57.5798,
70.2539

124.6824,
129.7014, 154.0952

■ 40.0750, 41.4709,
51.2554

156.5194,
162.9550, 192.3862

■ 27.7815, 28.6872,
36.0338

193.3611,
201.4557, 236.5466

■ 18.3006, 18.8443,
24.1704

235.5730,
245.5880, 286.9951

■ 11.2670, 11.5578,
15.2467

283.5204,
295.7363, 344.1501

■ 6.3153, 6.4434,
8.8442

337.5685,

■ 3.0802, 3.1165,

352.2848, 408.4302

4.5443

398.0829,
415.6182, 480.2540

■ 1.1963, 1.1929,
1.9284

■ 0.1035, 0.0559,
0.5107

■ 74.5613, 77.3982,
93.4476

■ 74.5613, 77.3982,
93.4476

■ 61.8517, 62.3795,
91.2198

■ 89.1174, 94.5435,
95.9910

■ 50.9082, 49.3952,
89.2903

■ 92.7284, 99.0714,
96.6746

■ 41.6546, 38.3606,
87.6481

■ 34.0066, 29.1815,
86.2795

■ 27.8724, 21.7557,
85.1695

■ 23.1512, 15.9713,
84.3018

■ 19.7295, 11.7033,
83.6583

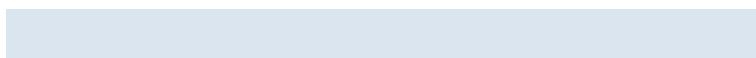
■ 17.4767, 8.8086,
83.2183

■ 16.2338, 7.1164,
82.9572

Harmonies

Analogous

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



72.8792, 77.3982, 93.6982



74.5613, 77.3982, 93.4476



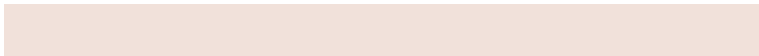
75.9971, 77.3982, 90.6816

Triad

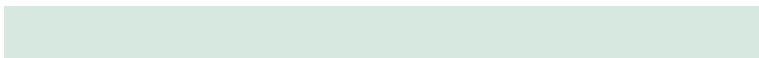
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5613, 77.3982, 93.4476



75.7694, 77.3982, 77.5688



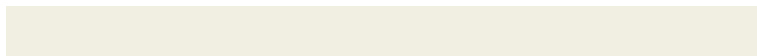
70.4349, 77.3982, 82.3196

Complementary

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



74.5613, 77.3982, 93.4476



80.5293, 85.7485, 84.2596

Split Complementary

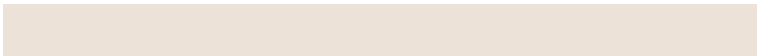
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.1847, 77.3982, 78.1746



74.5613, 77.3982, 93.4476



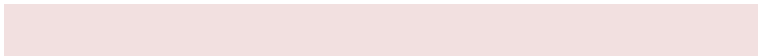
74.2544, 77.3982, 75.5029

Square

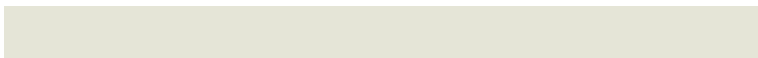
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.5613, 77.3982, 93.4476



76.7019, 77.3982, 81.4638



72.5770, 77.3982, 75.7204



70.5142, 77.3982, 87.1470

Rectangle

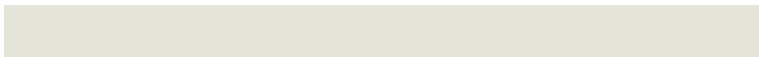
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.5613, 77.3982, 93.4476



76.6135, 77.3982, 87.8411



72.5770, 77.3982, 75.7204



70.5978, 77.3982, 80.8038

Sweetspot

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



74.5635, 77.4015, 93.4493



91.7067, 96.0619, 108.3161



78.0807, 84.7123, 93.7693



19.6640, 20.6025, 23.1902



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.



74.5635, 77.4015, 93.4493



83.7249, 86.6498, 106.9200



76.1504, 77.8133, 93.4451



15.5230, 16.0421, 19.9999



8.7558, 3.7359, 45.3875



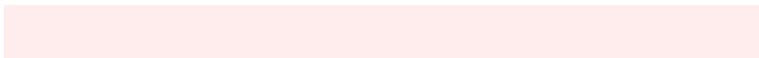
0.7599, 0.3738, 3.7863

Inverse Universe

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



76.9984, 78.4656, 83.7640



87.0634, 88.1136, 93.6390



78.8752, 85.3331, 84.2666



16.1956, 16.3374, 17.3241



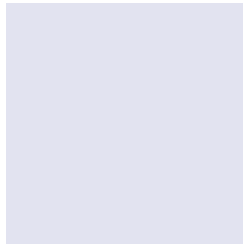
19.7452, 10.1705, 1.3086



1.6585, 0.8524, 0.1926

Previews

White Background



This preview shows how the XYZ color 74.5613, 77.3982, 93.4476 looks on a white background.

Color Contrast Check

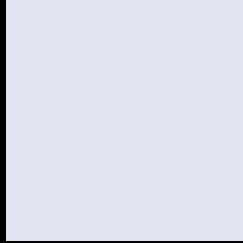
Large Text (above 18pt) WCAG AA × Fail

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 74.5613, 77.3982, 93.4476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

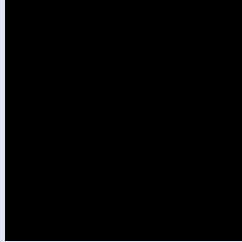
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

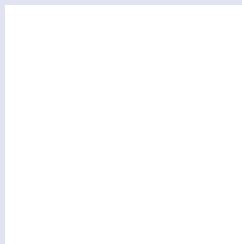
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5613, 77.3982, 93.4476

Background



This preview shows how black text looks on a background with the XYZ color 74.5613, 77.3982, 93.4476.



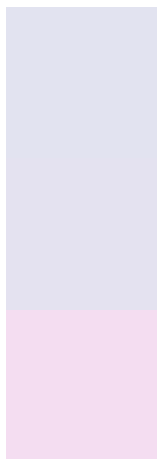
This preview shows how white text looks on a background with the XYZ color 74.5613, 77.3982,

93.4476.

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

74.5613, 77.3982, 93.4476

Protanopia

74.9194, 77.1780, 93.3862

Deuteranopia

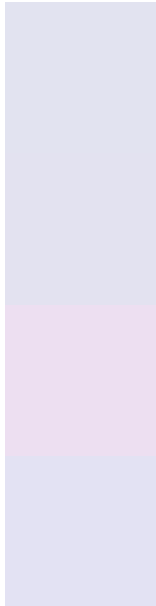
79.0419, 77.2969, 93.9729



Tritanopia

75.2040, 77.2553, 96.5360

Trichromacy



Original Color

74.5613, 77.3982, 93.4476

Protanomaly

74.6031, 77.0149, 93.3714

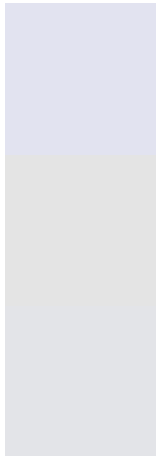
Deuteranomaly

77.1899, 77.1308, 94.0385

Tritanomaly

75.0526, 77.1947, 95.7384

Monochromacy



Original Color

74.5613, 77.3982, 93.4476

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.9874, 77.6439, 87.4311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5613, 77.3982, 93.4476 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(226, 227, 240) looks like.

```
.text, #text, p{  
    color:rgb(226, 227, 240)  
}
```

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(226, 227, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 227, 240) }
```

Border

The CSS property to change the border of an element to XYZ 74.5613, 77.3982, 93.4476 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(226, 227, 240) }
```


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

```
.border{ border-color:rgb(226, 227, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 227, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 227, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 227, 240);  
box-shadow:4px 4px 4px 4px rgb(226, 227,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5613, 77.3982, 93.4476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 227, 240) }
```

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

```
.background{ background-color: rgb(226,  
227, 240) }
```

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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