

Converting Colors

XYZ(73.6672, 78.3945, 81.9125)

Have a look what the booklet for
XYZ(73.6672, 78.3945, 81.9125)
contains.

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Color

**XYZ(73.7463, 78.4694,
81.7803)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E6E0
RGB	228, 230, 224
RGB Percent	89%, 90%, 88%
CMY	0.1059, 0.0980, 0.1216
CMYK	0.01, 0.00, 0.03, 0.10
HSL	80°, 11%, 89%
HSV	80°, 3%, 90%
XYZ	73.7463, 78.4694, 81.7803
YIQ	228.7180, 0.7340, -2.2900

Conversions

Conversions Part 2

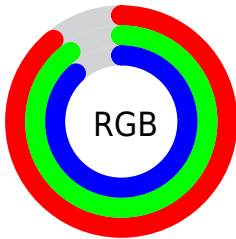
Format	Color
R _Y B	224, 230, 226
Decimal	15001312
CIE Lab	90.99, -1.73, 2.67
CIE LCh	91, 3.184, 122.929
Yxy	78.4694, 0.3152, 0.3353
Android (android.graphics.Color)	4293191392 (0xFFE4E6E0)
YUV	228.7180, -2.3260, -0.6297
Hunter-Lab	88.5830, -6.4169, 7.2712

Details

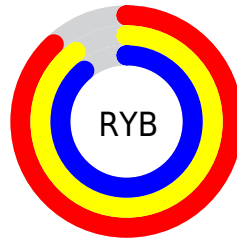
The XYZ color **73.7463, 78.4694, 81.7803** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.3055, 75.1953, 85.5701**, and the grayscale version is **74.2870, 78.1557, 85.1116**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7250, 42.4088, 43.6281** is the 20% darker color. If you saturate the color by 10%, you get **68.4547, 76.0801, 66.3360**, and if you desaturate by 10%, it is **79.5725, 81.0900, 99.4555**.

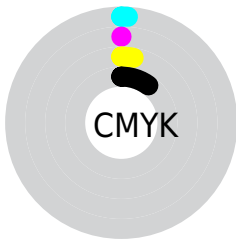
Distribution



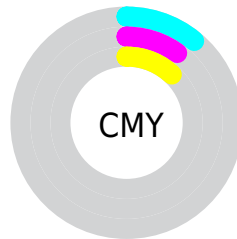
- Red (89%)
- Green (90%)
- Blue (88%)



- Red (88%)
- Yellow (90%)
- Blue (89%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (11%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7463, 78.4694, 81.7803 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 73.7463, 78.4694, 81.7803 by changing the saturation by 10% instead.

■ 73.7463, 78.4694,
81.7803

■ 73.7463, 78.4694,
81.7803

462.6611,
489.7595, 520.7767

■ 54.8770, 58.4597,
60.6497

123.5335,
131.2116, 137.6998

■ 39.5367, 42.1783,
43.5138

155.1822,
164.7129, 173.3257

■ 27.3601, 29.2409,
29.9541

191.8212,
203.4801, 214.6206

■ 17.9818, 19.2632,
19.5520

233.8161,
247.8977, 262.0028

■ 11.0365, 11.8606,
11.8890

281.5322,
298.3500, 315.8910

■ 6.1589, 6.6488,
6.5465

335.3349,

■ 2.9835, 3.2435,

355.2215, 376.7037

3.1060

395.5894,
418.8965, 444.8594

■ 1.1451, 1.2601,
1.1490

■ 0.0623, 0.1100,
0.0000

■ 73.7463, 78.4694,
81.7803

■ 73.7463, 78.4694,
81.7803

■ 68.4547, 76.0801,
66.3360

■ 79.5725, 81.0900,
99.4555

■ 63.6729, 73.9046,
53.0289

■ 83.4331, 82.9345,
106.2183

■ 59.3837, 71.9383,
41.7660

■ 86.1434, 84.3318,
106.3452

■ 55.5664, 70.1727,
32.4457

■ 87.5883, 85.0766,
106.4128

■ 52.1985, 68.5988,
24.9574

■ 49.2555, 67.2064,
19.1799

■ 46.7100, 65.9846,
14.9767

■ 44.5307, 64.9205,
12.1911

■ 42.6799, 63.9989,
10.6337

Harmonies

Analogous

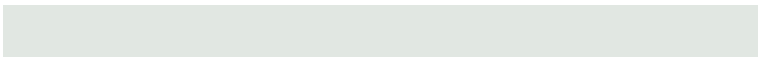
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.5039, 78.4694, 81.0976



73.7463, 78.4694, 81.7803



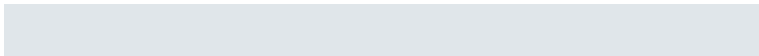
73.2158, 78.4694, 83.4424

Triad

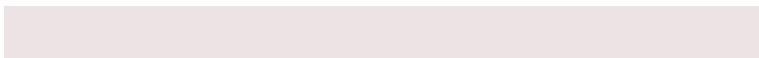
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7463, 78.4694, 81.7803



73.8820, 78.4694, 89.4398



76.1361, 78.4694, 85.2140

Complementary

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



73.7463, 78.4694, 81.7803



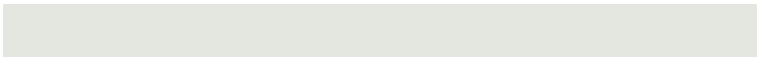
72.3055, 75.1953, 85.5701

Split Complementary

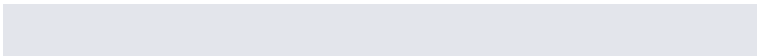
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.9667, 78.4694, 87.4689



73.7463, 78.4694, 81.7803



74.6618, 78.4694, 89.9344

Square

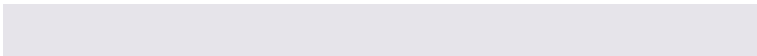
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



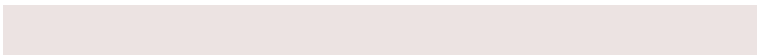
73.7463, 78.4694, 81.7803



73.2938, 78.4694, 87.8672



75.4256, 78.4694, 89.2069



75.8868, 78.4694, 83.0576

Rectangle

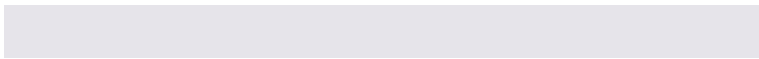
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.7463, 78.4694, 81.7803



73.0604, 78.4694, 84.8964



75.4256, 78.4694, 89.2069



76.1262, 78.4694, 85.9856

Sweetspot

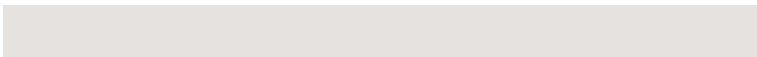
The Sweet Spot groups the original color and five complimentary colors.



73.7485, 78.4728, 81.7820



94.3297, 99.6758, 106.7374



73.2868, 76.6001, 81.4449



20.1980, 21.3381, 22.8690



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.



73.7485, 78.4728, 81.7820



92.9094, 99.0360, 102.4981



72.8051, 77.9865, 81.7379



15.7636, 16.8590, 17.2208



23.6173, 35.9567, 5.6956



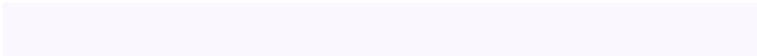
1.8428, 2.7074, 0.4254

Inverse Universe

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



72.3055, 75.1953, 85.5701



90.8076, 94.2619, 108.0160



73.2544, 75.6845, 85.6145



15.3163, 15.8430, 18.3951



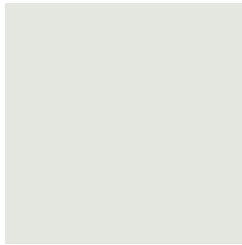
9.9242, 4.1820, 42.6673



0.8291, 0.3584, 3.1574

Previews

White Background



This preview shows how the XYZ color 73.7463, 78.4694, 81.7803 looks on a white background.

Color Contrast Check

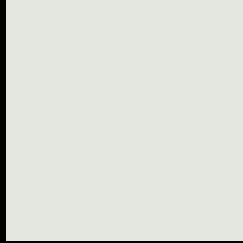
Large Text (above 18pt) WCAG AA × Fail

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 73.7463, 78.4694, 81.7803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

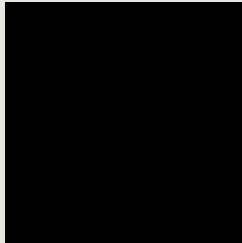
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

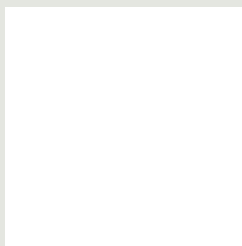
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7463, 78.4694, 81.7803

Background



This preview shows how black text looks on a background with the XYZ color 73.7463, 78.4694, 81.7803.



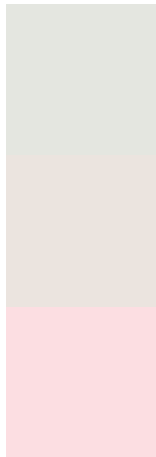
This preview shows how white text looks on a background with the XYZ color 73.7463, 78.4694,

81.7803.

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

73.7463, 78.4694, 81.7803

Protanopia

75.3236, 78.4767, 80.9896

Deuteranopia

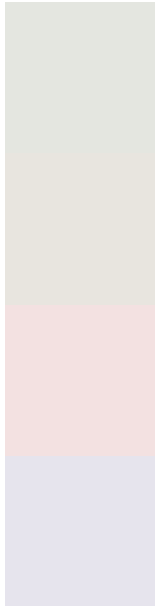
79.9936, 78.4290, 82.8737



Tritanopia

76.9055, 78.5197, 97.4887

Trichromacy



Original Color

73.7463, 78.4694, 81.7803

Protanomaly

74.6173, 78.5221, 81.0356

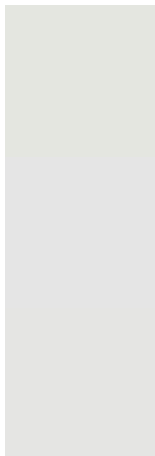
Deuteranomaly

77.4780, 78.3414, 82.2720

Tritanomaly

75.6626, 78.4242, 91.2703

Monochromacy



Original Color

73.7463, 78.4694, 81.7803

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.1975, 78.2427, 83.8648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7463, 78.4694, 81.7803 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(228, 230, 224) looks like.

```
.text, #text, p{  
    color:rgb(228, 230, 224)  
}
```

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(228, 230, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 230, 224) }
```

Border

The CSS property to change the border of an element to XYZ 73.7463, 78.4694, 81.7803 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(228, 230, 224) }
```


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

```
.border{ border-color:rgb(228, 230, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 230, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 230, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 230, 224);  
box-shadow:4px 4px 4px 4px rgb(228, 230,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7463, 78.4694, 81.7803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 230, 224) }
```

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

```
.background{ background-color: rgb(228,  
230, 224) }
```

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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