

Converting Colors

XYZ(74.2253, 78.6727, 81.2378)

Have a look what the booklet for
XYZ(74.2253, 78.6727, 81.2378)
contains.

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Color

**XYZ(74.2492, 78.7443,
81.0979)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E6DF
RGB	230, 230, 223
RGB Percent	90%, 90%, 87%
CMY	0.0980, 0.0980, 0.1255
CMYK	0.00, 0.00, 0.03, 0.10
HSL	60°, 12%, 89%
HSV	60°, 3%, 90%
XYZ	74.2492, 78.7443, 81.0979
YIQ	229.2020, 2.2470, -2.1770

Conversions

Conversions Part 2

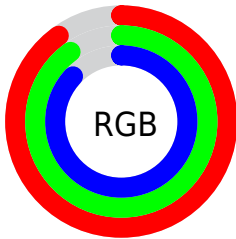
Format	Color
R _Y B	223, 230, 223
Decimal	15132383
CIE Lab	91.12, -1.23, 3.39
CIE LCh	91, 3.609, 109.867
Yxy	78.7443, 0.3172, 0.3364
Android (android.graphics.Color)	4293322463 (0xFFE6E6DF)
YUV	229.2020, -3.0576, 0.6998
Hunter-Lab	88.7380, -5.9362, 7.9313

Details

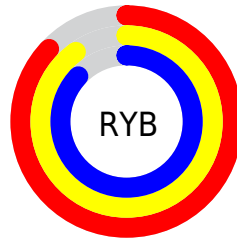
The XYZ color **74.2492, 78.7443, 81.0979** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.1051, 74.1787, 85.4372**, and the grayscale version is **74.6474, 78.5348, 85.5244**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0771, 42.6011, 43.1563** is the 20% darker color. If you saturate the color by 10%, you get **71.3529, 77.5878, 65.8595**, and if you desaturate by 10%, it is **77.5712, 80.0761, 98.5584**.

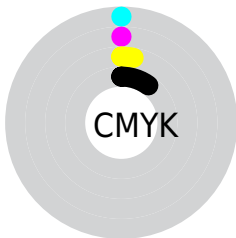
Distribution



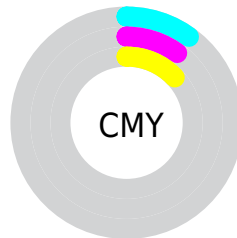
- Red (90%)
- Green (90%)
- Blue (87%)



- Red (87%)
- Yellow (90%)
- Blue (87%)



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



- Cyan (10%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2492, 78.7443, 81.0979 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 74.2492, 78.7443, 81.0979 by changing the saturation by 10% instead.

■ 74.2492, 78.7443,
81.0979

■ 74.2492, 78.7443,
81.0979

464.3700,
490.6909, 518.4292

■ 55.2900, 58.6856,
60.0908

124.2426,
131.5988, 136.7335

■ 39.8687, 42.3601,
43.0660

156.0076,
165.1634, 172.1991

■ 27.6200, 29.3833,
29.6051

192.7718,
203.9988, 213.3212

■ 18.1784, 19.3710,
19.2896

234.9007,
248.4893, 260.5185

■ 11.1786, 11.9387,
11.7008

282.7596,
299.0194, 314.2093

■ 6.2553, 6.7019,
6.4202

336.7139,

■ 3.0430, 3.2764,

355.9734, 374.8124

3.0293

397.1289,
419.7358, 442.7462

■ 1.1766, 1.2777,
1.1096

■ 0.0877, 0.1238,
0.0000

■ 74.2492, 78.7443,
81.0979

■ 74.2492, 78.7443,
81.0979

■ 71.3529, 77.5878,
65.8595

■ 77.5712, 80.0761,
98.5584

■ 68.8589, 76.5897,
52.7493

■ 78.9907, 80.6445,
106.0104

■ 66.7514, 75.7462,
41.6742

■ 78.9952, 80.6467,
106.0106

■ 65.0109, 75.0495,
32.5321

■ 78.9996, 80.6490,
106.0108

63.6165, 74.4912,
25.2124

79.0040, 80.6513,
106.0110

62.5450, 74.0621,
19.5929

79.0084, 80.6536,
106.0112

61.7704, 73.7517,
15.5370

79.0128, 80.6559,
106.0115

61.2627, 73.5481,
12.8865

79.0173, 80.6581,
106.0117

60.9856, 73.4368,
11.4505

79.0217, 80.6604,
106.0119

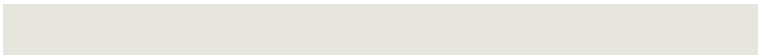
Harmonies

Analogous

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



75.1533, 78.7443, 80.8854



74.2492, 78.7443, 81.0979



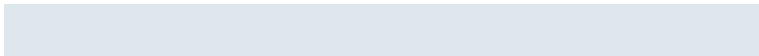
73.5102, 78.7443, 82.5397

Triad

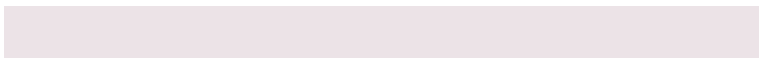
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2492, 78.7443, 81.0979



73.7184, 78.7443, 89.6401



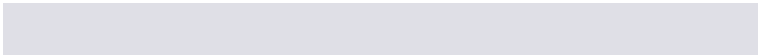
76.5853, 78.7443, 86.6266

Complementary

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



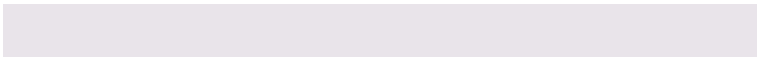
74.2492, 78.7443, 81.0979



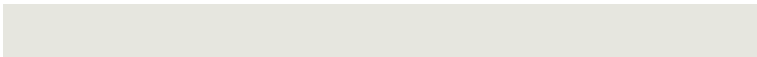
71.1051, 74.1787, 85.4372

Split Complementary

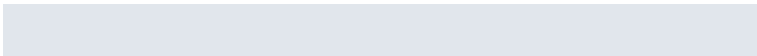
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.1941, 78.7443, 89.0202



74.2492, 78.7443, 81.0979



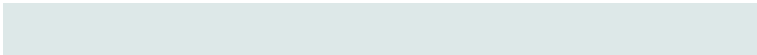
74.5357, 78.7443, 90.7833

Square

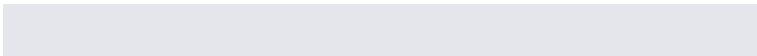
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



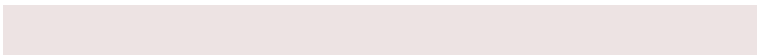
74.2492, 78.7443, 81.0979



73.2055, 78.7443, 87.4588



75.4422, 78.7443, 90.5542



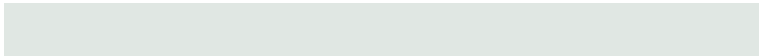
76.5070, 78.7443, 84.0422

Rectangle

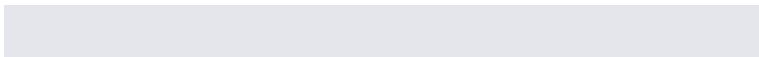
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



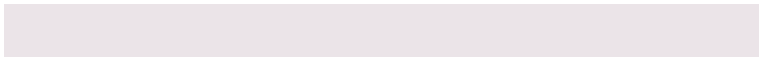
74.2492, 78.7443, 81.0979



73.2082, 78.7443, 84.0205



75.4422, 78.7443, 90.5542



76.5042, 78.7443, 87.4811

Sweetspot

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



74.2514, 78.7477, 81.0996



94.6415, 99.8366, 106.7520



72.3425, 74.9280, 80.4629



20.2615, 21.3709, 22.8720



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.



74.2514, 78.7477, 81.0996



93.4487, 99.3592, 100.4792



73.1401, 78.1748, 81.0476



15.9002, 16.9366, 16.9026



34.4705, 41.5517, 6.2035



2.5475, 3.0707, 0.4584

Inverse Universe

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



71.1051, 74.1787, 85.4372



88.2305, 91.7815, 107.6731



72.1940, 74.7400, 85.4882



14.8587, 15.4242, 18.3384



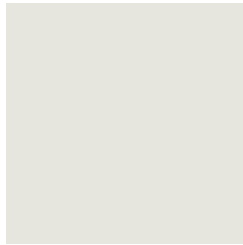
8.0875, 3.2352, 42.5814



0.5979, 0.2392, 3.1466

Previews

White Background



This preview shows how the XYZ color 74.2492, 78.7443, 81.0979 looks on a white background.

Color Contrast Check

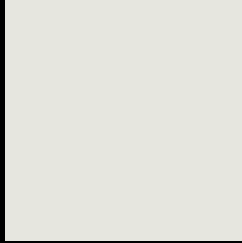
Large Text (above 18pt) WCAG AA × Fail

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 74.2492, 78.7443, 81.0979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

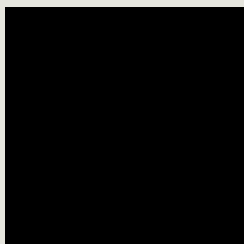
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

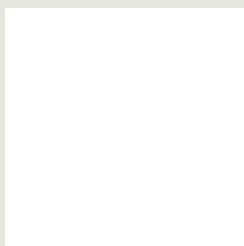
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2492, 78.7443, 81.0979

Background



This preview shows how black text looks on a background with the XYZ color 74.2492, 78.7443, 81.0979.



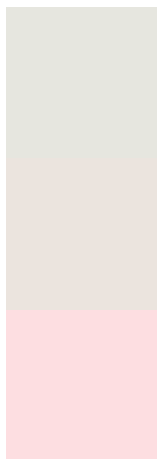
This preview shows how white text looks on a background with the XYZ color 74.2492, 78.7443,

81.0979.

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

74.2492, 78.7443, 81.0979

Protanopia

75.1892, 78.4229, 80.2815

Deuteranopia

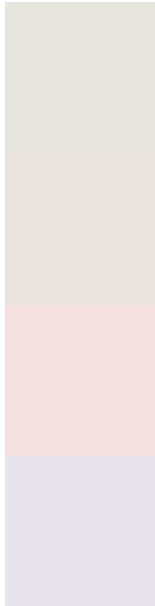
80.2199, 78.5614, 82.1700



Tritanopia

77.5548, 78.8544, 97.5190

Trichromacy



Original Color

74.2492, 78.7443, 81.0979

Protanomaly

74.8084, 78.6362, 80.3427

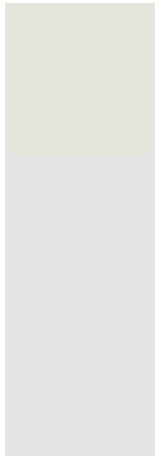
Deuteranomaly

78.0359, 78.6447, 81.5880

Tritanomaly

76.3082, 78.7570, 91.3005

Monochromacy



Original Color

74.2492, 78.7443, 81.0979

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 74.2492, 78.7443, 81.0979 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(230, 230, 223) looks like.

```
.text, #text, p{  
    color:rgb(230, 230, 223)  
}
```

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(230, 230, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 230, 223) }
```

Border

The CSS property to change the border of an element to XYZ 74.2492, 78.7443, 81.0979 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(230, 230, 223) }
```


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

```
.border{ border-color:rgb(230, 230, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 230, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 230, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 230, 223);  
box-shadow:4px 4px 4px 4px rgb(230, 230,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2492, 78.7443, 81.0979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 230, 223) }
```

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

```
.background{ background-color: rgb(230,  
230, 223) }
```

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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