

Converting Colors

XYZ(73.9966, 81.1978, 78.7941)

Have a look what the booklet for
XYZ(73.9966, 81.1978, 78.7941)
contains.

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Color

**XYZ(74.1457, 81.2741,
78.7974)**

Conversions

Conversions Part 1

Format	Color
Hex	E2ECDB
RGB	226, 236, 219
RGB Percent	89%, 93%, 86%
CMY	0.1137, 0.0745, 0.1412
CMYK	0.04, 0.00, 0.07, 0.07
HSL	95°, 31%, 89%
HSV	95°, 7%, 93%
XYZ	74.1457, 81.2741, 78.7974
YIQ	231.0720, -0.5030, -7.4070

Conversions

Conversions Part 2

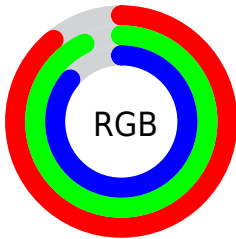
Format	Color
R _Y B	219, 236, 229
Decimal	14871771
CIE Lab	92.25, -6.33, 7.08
CIE LCh	92, 9.501, 131.804
Yxy	81.2741, 0.3166, 0.3470
Android (android.graphics.Color)	4293061851 (0xFFE2ECDB)
YUV	231.0720, -5.9515, -4.4481
Hunter-Lab	90.1521, -10.9588, 11.2841

Details

The XYZ color **74.1457, 81.2741, 78.7974** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.7880, 73.3793, 89.6883**, and the grayscale version is **76.0543, 80.0151, 87.1364**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8167, 43.9808, 41.5125** is the 20% darker color. If you saturate the color by 10%, you get **67.0778, 77.9667, 63.3816**, and if you desaturate by 10%, it is **82.0114, 84.9465, 96.5533**.

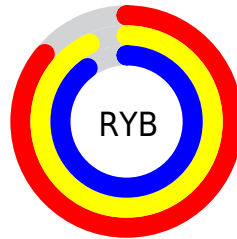
Distribution



Red (89%)

Green (93%)

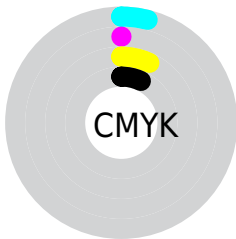
Blue (86%)



Red (86%)

Yellow (93%)

Blue (90%)

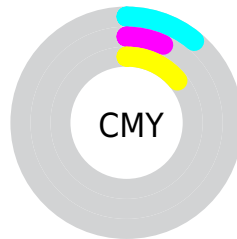


Cyan (4%)

Magenta (0%)

Yellow (7%)

Black (7%)



Cyan (11%)

Magenta (7%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1457, 81.2741, 78.7974 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 74.1457, 81.2741, 78.7974 by changing the saturation by 10% instead.

74.1457, 81.2741,
78.7974

74.1457, 81.2741,
78.7974

464.0186,
499.2163, 510.4702

55.2050, 60.7674,
58.2089

124.0967,
135.1556, 133.4697

39.8004, 44.0375,
41.5608

155.8377,
169.2991, 168.3906

27.5664, 30.7000,
28.4346

192.5763,
208.7570, 208.9260

18.1379, 20.3705,
18.4116

234.6776,
253.9137, 255.4945

11.1493, 12.6646,
11.0734

282.5072,
305.1536, 308.5146

6.2354, 7.1980,
6.0014

336.4303,

3.0307, 3.5862,

362.8611, 368.4049

2.7772

396.8123,
427.4205, 435.5839

■ 1.1700, 1.4449,
0.9820

■ 0.0825, 0.2495,
0.0000

■ 74.1457, 81.2741,
78.7974

■ 74.1457, 81.2741,
78.7974

■ 67.0778, 77.9667,
63.3816

■ 82.0114, 84.9465,
96.5533

■ 60.7740, 75.0022,
50.2032

■ 88.8366, 88.2418,
106.9579

■ 55.2084, 72.3717,
39.1594

■ 89.2870, 88.4740,
106.9790

■ 50.3506, 70.0620,
30.1378

■ 46.1680, 68.0591,
23.0151

■ 42.6250, 66.3476,
17.6550

■ 39.6820, 64.9104,
13.9027

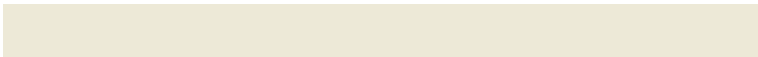
■ 37.2937, 63.7283,
11.5768

■ 35.4040, 62.7773,
10.4407

Harmonies

Analogous

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



76.2873, 81.2741, 75.9137



74.1457, 81.2741, 78.7974



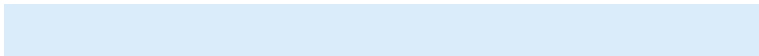
72.8520, 81.2741, 84.3404

Triad

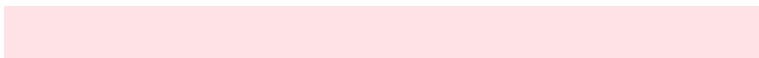
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1457, 81.2741, 78.7974



75.7844, 81.2741, 101.9627



81.9602, 81.2741, 85.7579

Complementary

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



74.1457, 81.2741, 78.7974



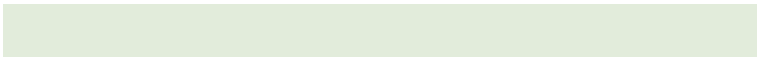
72.7880, 73.3793, 89.6883

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.



81.8186, 81.2741, 92.7811



74.1457, 81.2741, 78.7974



78.2179, 81.2741, 102.3919

Square

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



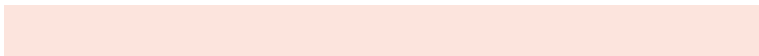
74.1457, 81.2741, 78.7974



73.7843, 81.2741, 97.8110



80.4369, 81.2741, 98.9544



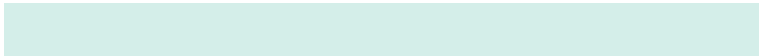
80.8197, 81.2741, 79.7877

Rectangle

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



74.1457, 81.2741, 78.7974



72.6276, 81.2741, 88.9198



80.4369, 81.2741, 98.9544



82.0616, 81.2741, 88.0689

Sweetspot

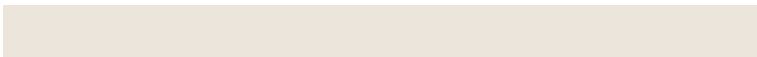
The Sweet Spot groups the original color and five complimentary colors.



74.1479, 81.2776, 78.7992



93.1443, 99.1112, 104.5814



75.3776, 78.9430, 78.2837



19.9567, 21.2232, 22.4300



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.



74.1479, 81.2776, 78.7992



86.7784, 96.1375, 90.3639



72.1848, 80.2439, 79.6853



15.4557, 17.1649, 16.0173



19.3992, 34.5451, 5.6454



1.6302, 2.7677, 0.4483

Inverse Universe

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



72.7880, 73.3793, 89.6883



84.7699, 84.4733, 106.4449



74.8618, 74.4721, 88.7148



15.0806, 14.9868, 19.0202



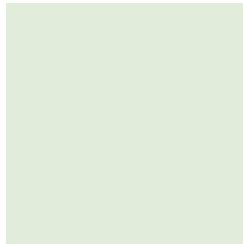
14.3513, 6.4343, 44.2285



1.2357, 0.5613, 3.4781

Previews

White Background



This preview shows how the XYZ color 74.1457, 81.2741, 78.7974 looks on a white background.

Color Contrast Check

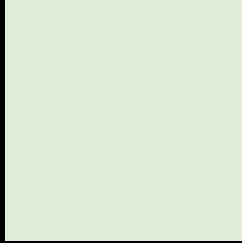
Large Text (above 18pt) WCAG AA × Fail

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 74.1457, 81.2741, 78.7974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

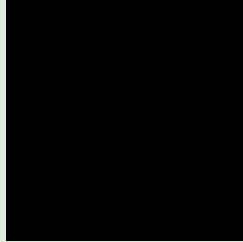
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

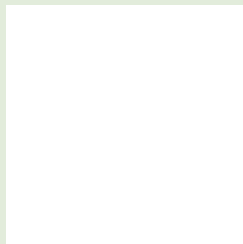
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1457, 81.2741, 78.7974

Background



This preview shows how black text looks on a background with the XYZ color 74.1457, 81.2741, 78.7974.

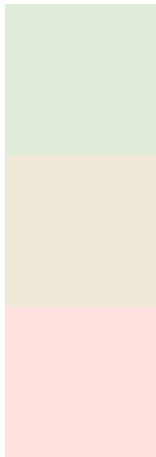


This preview shows how white text looks on a background with the XYZ color 74.1457, 81.2741,

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

74.1457, 81.2741, 78.7974

Protanopia

77.3162, 81.2482, 77.2531

Deuteranopia

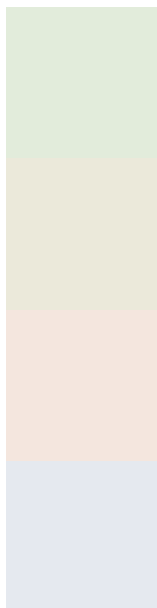
81.7556, 80.9804, 81.1338



Tritanopia

78.7862, 81.0429, 101.9328

Trichromacy



Original Color

74.1457, 81.2741, 78.7974

Protanomaly

76.0548, 81.0020, 77.9561

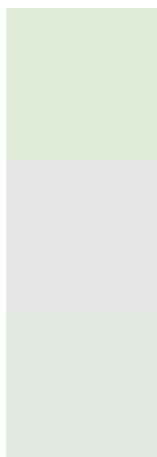
Deuteranomaly

78.7899, 81.1007, 80.6086

Tritanomaly

77.0320, 81.1678, 93.2683

Monochromacy



Original Color

74.1457, 81.2741, 78.7974

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.3171, 80.4819, 84.2380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1457, 81.2741, 78.7974 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, 236, 219) looks like.

```
.text, #text, p{  
    color:rgb(226, 236, 219)  
}
```

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, 236, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 236, 219) }
```

Border

The CSS property to change the border of an element to XYZ 74.1457, 81.2741, 78.7974 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, 236, 219) }
```


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

```
.border{ border-color:rgb(226, 236, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 236, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 236, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 236, 219); box-shadow:4px 4px 4px 4px rgb(226, 236, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1457, 81.2741, 78.7974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 236, 219) }
```

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

```
.background{ background-color: rgb(226,  
236, 219) }
```

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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