

Converting Colors

XYZ(74.9618, 81.2592, 82.1454)

Have a look what the booklet for
XYZ(74.9618, 81.2592, 82.1454)
contains.

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Color

**XYZ(74.8414, 81.1294,
82.2360)**

Conversions

Conversions Part 1

Format	Color
Hex	E3EBE0
RGB	227, 235, 224
RGB Percent	89%, 92%, 88%
CMY	0.1098, 0.0784, 0.1216
CMYK	0.03, 0.00, 0.05, 0.08
HSL	104°, 22%, 90%
HSV	104°, 5%, 92%
XYZ	74.8414, 81.1294, 82.2360
YIQ	231.3540, -1.2370, -5.1170

Conversions

Conversions Part 2

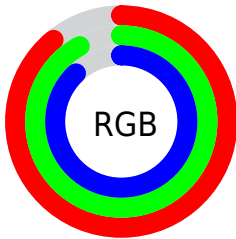
Format	Color
RYB	224, 235, 232
Decimal	14937056
CIELab	92.19, -4.62, 4.40
CIELCh	92, 6.378, 136.425
Yxy	81.1294, 0.3142, 0.3406
Android (android.graphics.Color)	4293127136 (0xFFE3EBE0)
YUV	231.3540, -3.6255, -3.8185
Hunter-Lab	90.0719, -9.3087, 8.9183

Details

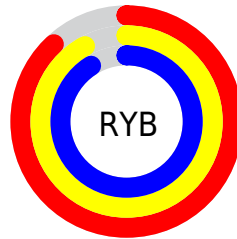
The XYZ color **74.8414, 81.1294, 82.2360** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.9330, 76.4676, 89.4118**, and the grayscale version is **76.2481, 80.2189, 87.3584**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2948, 43.8754, 43.8812** is the 20% darker color. If you saturate the color by 10%, you get **66.7457, 77.3014, 66.3540**, and if you desaturate by 10%, it is **83.9176, 85.4166, 100.4667**.

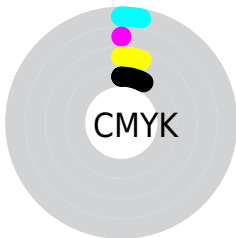
Distribution



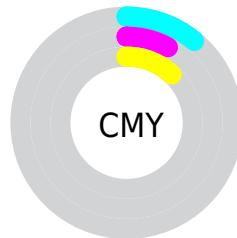
- Red (89%)
- Green (92%)
- Blue (88%)



- Red (88%)
- Yellow (92%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (8%)



- Cyan (11%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8414, 81.1294, 82.2360 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 74.8414, 81.1294, 82.2360 by changing the saturation by 10% instead.

■ 74.8414, 81.1294,
82.2360

■ 74.8414, 81.1294,
82.2360

466.3778,
498.7309, 522.3409

■ 55.7767, 60.6482,
61.0231

125.0769,
134.9524, 138.3446

■ 40.2602, 43.9413,
43.8132

156.9785,
169.0631, 174.0773

■ 27.9266, 30.6244,
30.1875

193.8897,
208.4856, 215.4871

■ 18.4105, 20.3130,
19.7277

236.1759,
253.6044, 262.9926

■ 11.3466, 12.6228,
12.0152

284.2024,
304.8040, 317.0121

■ 6.3695, 7.1693,
6.6313

338.3347,

■ 3.1138, 3.5682,

362.4687, 377.9643

3.1577

398.9381,
426.9828, 446.2677

■ 1.2142, 1.4351,
1.1757

■ 0.1176, 0.2424,
0.0000

■ 74.8414, 81.1294,
82.2360

■ 74.8414, 81.1294,
82.2360

■ 66.7457, 77.3014,
66.3540

■ 83.9176, 85.4166,
100.4667

■ 59.5902, 73.9070,
52.7200

■ 88.9999, 87.8999,
106.8833

■ 53.3417, 70.9335,
41.2341

■ 47.9625, 68.3640,
31.7866

■ 43.4120, 66.1800,
24.2581

■ 39.6462, 64.3618,
18.5168

■ 36.6165, 62.8877,
14.4143

■ 34.2686, 61.7332,
11.7784

■ 32.5384, 60.8700,
10.3981

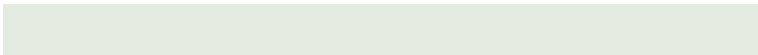
Harmonies

Analogous

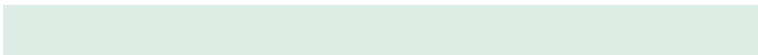
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2198, 81.1294, 79.9262



74.8414, 81.1294, 82.2360



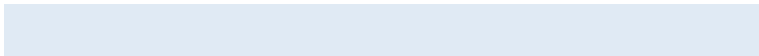
74.0761, 81.1294, 86.2263

Triad

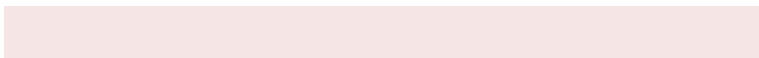
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8414, 81.1294, 82.2360



76.3708, 81.1294, 97.4407



80.1860, 81.1294, 85.7985

Complementary

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



74.8414, 81.1294, 82.2360



74.9330, 76.4676, 89.4118

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.



80.2278, 81.1294, 90.4801



74.8414, 81.1294, 82.2360



78.0092, 81.1294, 97.3162

Square

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



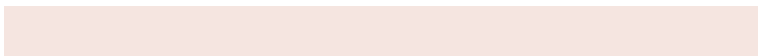
74.8414, 81.1294, 82.2360



74.9506, 81.1294, 95.0651



79.4262, 81.1294, 94.7307



79.3127, 81.1294, 81.9324

Rectangle

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



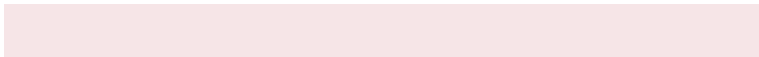
74.8414, 81.1294, 82.2360



74.0094, 81.1294, 89.3541



79.4262, 81.1294, 94.7307



80.2982, 81.1294, 87.3259

Sweetspot

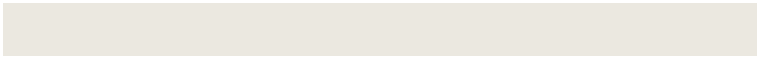
The Sweet Spot groups the original color and five complimentary colors.



74.8437, 81.1329, 82.2378



93.9630, 99.4867, 106.7203



76.5426, 80.6951, 82.0637



20.1234, 21.2997, 22.8655



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

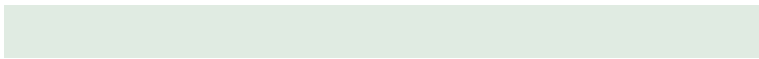
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8437, 81.1329, 82.2378



88.7070, 97.0034, 96.2528



74.2314, 80.7797, 83.9091



15.7582, 17.2994, 17.0017



17.8177, 33.7298, 5.5714



1.4888, 2.6948, 0.4417

Inverse Universe

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



74.9330, 76.4676, 89.4118



88.8441, 89.8413, 107.2663



75.5729, 76.8369, 87.6555



15.7851, 15.8967, 19.1587



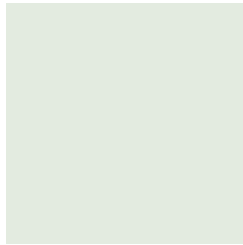
17.8142, 8.2195, 44.3906



1.4903, 0.6926, 3.4900

Previews

White Background



This preview shows how the XYZ color 74.8414, 81.1294, 82.2360 looks on a white background.

Color Contrast Check

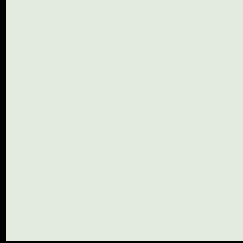
Large Text (above 18pt) WCAG AA × Fail

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 74.8414, 81.1294, 82.2360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

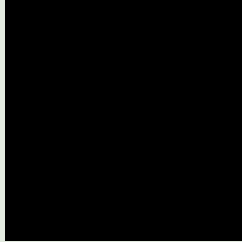
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

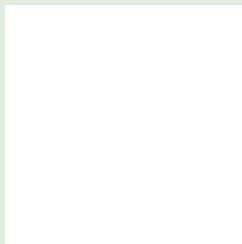
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8414, 81.1294, 82.2360

Background



This preview shows how black text looks on a background with the XYZ color 74.8414, 81.1294, 82.2360.



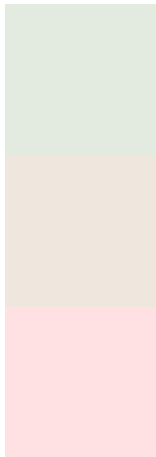
This preview shows how white text looks on a background with the XYZ color 74.8414, 81.1294,

82.2360.

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

74.8414, 81.1294, 82.2360

Protanopia

77.3573, 80.7765, 80.6215

Deuteranopia

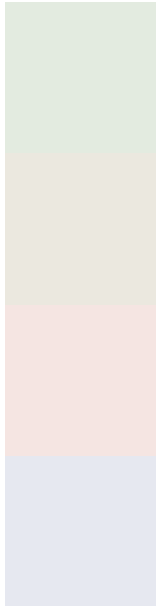
82.0303, 80.6565, 83.9178



Tritanopia

78.6298, 80.9803, 101.1091

Trichromacy



Original Color

74.8414, 81.1294, 82.2360

Protanomaly

76.4368, 80.7031, 81.3606

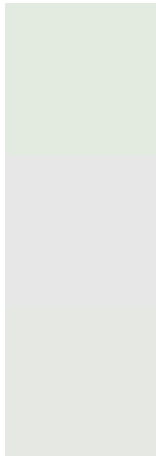
Deuteranomaly

79.4030, 80.9421, 83.3899

Tritanomaly

77.2179, 80.8275, 93.9695

Monochromacy



Original Color

74.8414, 81.1294, 82.2360

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.4933, 80.1377, 84.8880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8414, 81.1294, 82.2360 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(227, 235, 224) looks like.

```
.text, #text, p{  
    color:rgb(227, 235, 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(227, 235, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 235, 224) }
```

Border

The CSS property to change the border of an element to XYZ 74.8414, 81.1294, 82.2360 is called "border". The border property can be set on classes, ids or directly on the HTML element.

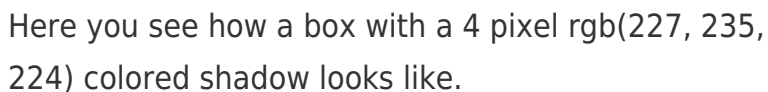
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 235, 224) }
```


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

```
.border{ border-color:rgb(227, 235, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 235, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 235, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 235, 224); box-shadow:4px 4px 4px 4px rgb(227, 235, 224) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8414, 81.1294, 82.2360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 235, 224) }
```

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

```
.background{ background-color: rgb(227,  
235, 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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