

Converting Colors

XYZ(73.8581, 81.8249, 82.4620)

Have a look what the booklet for
XYZ(73.8581, 81.8249, 82.4620)
contains.

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Color

**XYZ(73.8479, 81.9030,
82.4377)**

Conversions

Conversions Part 1

Format	Color
Hex	DDEEE0
RGB	221, 238, 224
RGB Percent	87%, 93%, 88%
CMY	0.1333, 0.0666, 0.1216
CMYK	0.07, 0.00, 0.06, 0.07
HSL	131°, 33%, 90%
HSV	131°, 7%, 93%
XYZ	73.8479, 81.9030, 82.4377
YIQ	231.3210, -5.6380, -7.9580

Conversions

Conversions Part 2

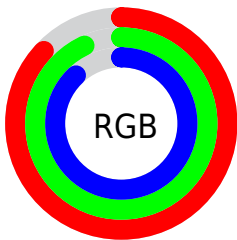
Format	Color
R_{YB}	221, 235, 238
Decimal	14544608
CIE _{Lab}	92.53, -8.15, 4.84
CIE _{LCh}	93, 9.479, 149.304
Yxy	81.9030, 0.3100, 0.3439
Android (android.graphics.Color)	4292734688 (0xFFDDEEE0)
YUV	231.3210, -3.6093, -9.0515
Hunter-Lab	90.5003, -12.7201, 9.3423

Details

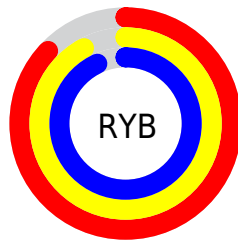
The XYZ color **73.8479, 81.9030, 82.4377** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.1147, 75.8903, 89.2378**, and the grayscale version is **76.2257, 80.1954, 87.3327**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6153, 44.4275, 44.0235** is the 20% darker color. If you saturate the color by 10%, you get **64.6020, 77.4285, 68.9193**, and if you desaturate by 10%, it is **84.4322, 87.0366, 97.6219**.

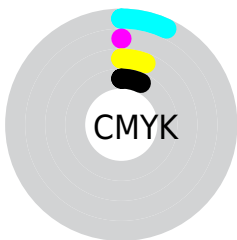
Distribution



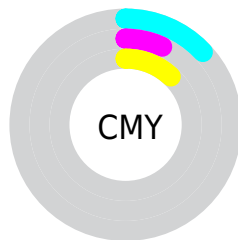
- Red (87%)
- Green (93%)
- Blue (88%)



- Red (87%)
- Yellow (92%)
- Blue (93%)



- Cyan (7%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8479, 81.9030, 82.4377 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 73.8479, 81.9030, 82.4377 by changing the saturation by 10% instead.

73.8479, 81.9030,
82.4377

73.8479, 81.9030,
82.4377

463.0067,
501.3232, 523.0324

54.9604, 61.2856,
61.1885

123.6768,
136.0380, 138.6298

39.6037, 44.4557,
43.9457

155.3490,
170.3243, 174.4098

27.4125, 31.0289,
30.2910

192.0134,
209.9357, 215.8704

18.0215, 20.6209,
19.8056

234.0354,
255.2567, 263.4303

11.0652, 12.8471,
12.0712

281.7804,
306.6715, 317.5078

6.1783, 7.3234,
6.6690

335.6137,

2.9955, 3.6651,

364.5646, 378.5217

3.1807

395.9007,
429.3203, 446.8904

■ 1.1514, 1.4881,
1.1876

■ 0.0675, 0.2803,
0.0000

■ 73.8479, 81.9030,
82.4377

■ 73.8479, 81.9030,
82.4377

■ 64.6020, 77.4285,
68.9193

■ 84.4322, 87.0366,
97.6219

■ 56.6342, 73.5765,
57.0047

■ 89.8661, 89.6322,
107.1720

■ 49.8899, 70.3222,
46.6360

■ 44.3077, 67.6354,
37.7497

■ 39.8211, 65.4831,
30.2779

■ 36.3563, 63.8291,
24.1475

■ 33.8307, 62.6322,
19.2788

■ 32.1480, 61.8448,
15.5833

■ 31.1863, 61.4061,
12.9611

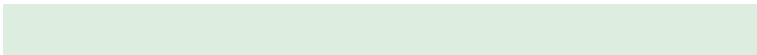
Harmonies

Analogous

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



75.5532, 81.9030, 77.8750



73.8479, 81.9030, 82.4377



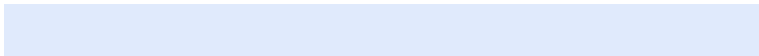
73.2100, 81.9030, 89.0138

Triad

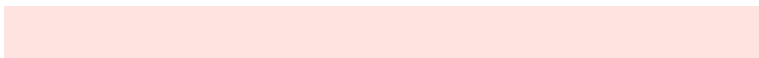
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8479, 81.9030, 82.4377



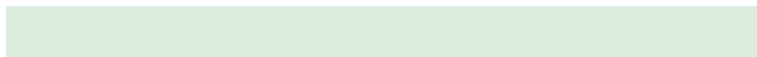
77.7889, 81.9030, 103.4273



82.0461, 81.9030, 82.7087

Complementary

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



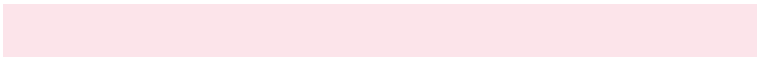
73.8479, 81.9030, 82.4377



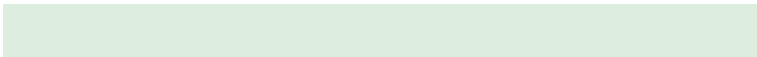
76.1147, 75.8903, 89.2378

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.



82.6744, 81.9030, 89.3432



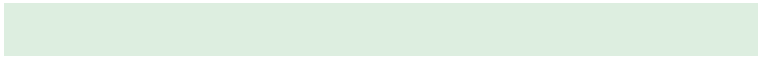
73.8479, 81.9030, 82.4377



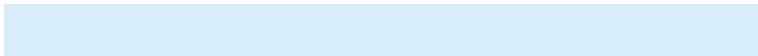
80.1854, 81.9030, 101.5259

Square

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



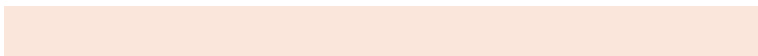
73.8479, 81.9030, 82.4377



75.4556, 81.9030, 101.3465



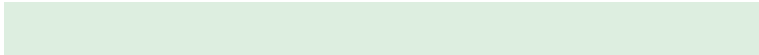
81.9866, 81.9030, 96.2770



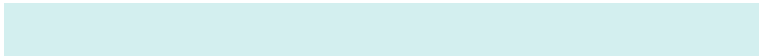
80.2870, 81.9030, 78.0256

Rectangle

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



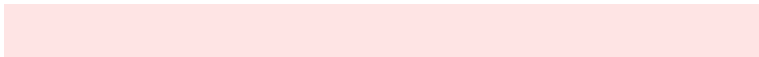
73.8479, 81.9030, 82.4377



73.4653, 81.9030, 93.7338



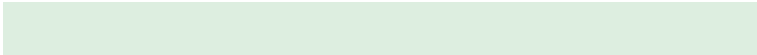
81.9866, 81.9030, 96.2770



82.3982, 81.9030, 84.7731

Sweetspot

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



73.8502, 81.9065, 82.4395



92.5296, 98.7779, 105.2907



77.9450, 84.0641, 80.5257



19.8315, 21.1553, 22.5744



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

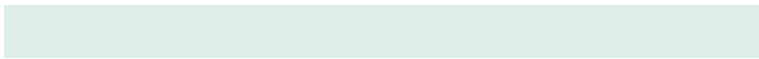
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8502, 81.9065, 82.4395



84.2097, 94.7461, 93.2820



75.0089, 82.3700, 88.5411



15.6797, 17.7019, 17.3364



17.3236, 34.2215, 7.0871



1.4733, 2.8597, 0.7586

Inverse Universe

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



76.1147, 75.8903, 89.2378



87.5155, 85.9633, 103.2061



74.9381, 75.4197, 83.0420



16.3276, 15.9807, 19.2812



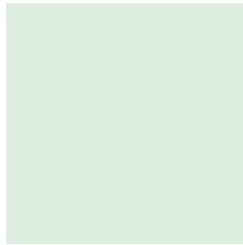
25.2741, 12.3821, 30.4238



2.1336, 1.0425, 2.6944

Previews

White Background



This preview shows how the XYZ color 73.8479, 81.9030, 82.4377 looks on a white background.

Color Contrast Check

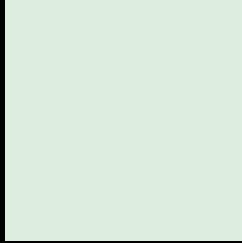
Large Text (above 18pt) WCAG AA × Fail

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 73.8479, 81.9030, 82.4377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

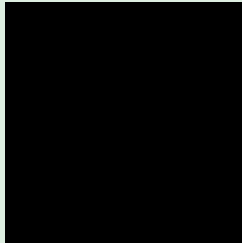
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

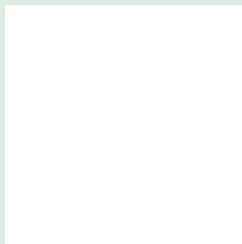
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8479, 81.9030, 82.4377

Background



This preview shows how black text looks on a background with the XYZ color 73.8479, 81.9030, 82.4377.



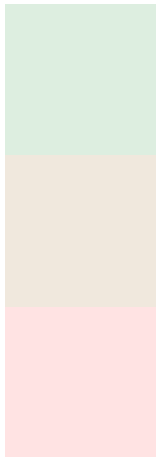
This preview shows how white text looks on a background with the XYZ color 73.8479, 81.9030,

82.4377.

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

73.8479, 81.9030, 82.4377

Protanopia

77.8429, 81.4589, 80.0270

Deuteranopia

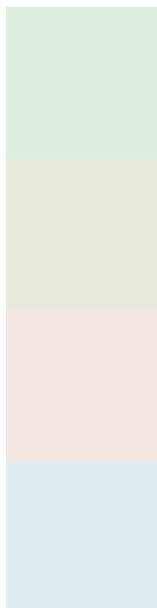
82.5742, 81.7442, 84.0991



Tritanopia

78.3575, 82.0427, 103.8014

Trichromacy



Original Color

73.8479, 81.9030, 82.4377

Protanomaly

76.2119, 81.4432, 80.8106

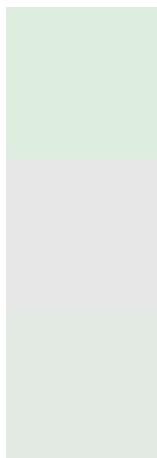
Deuteranomaly

79.2655, 81.6975, 83.5430

Tritanomaly

76.4758, 81.6748, 95.7385

Monochromacy



Original Color

73.8479, 81.9030, 82.4377

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.1050, 80.7780, 85.0320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8479, 81.9030, 82.4377 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(221, 238, 224) looks like.

```
.text, #text, p{  
    color:rgb(221, 238, 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(221, 238, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 238, 224) }
```

Border

The CSS property to change the border of an element to XYZ 73.8479, 81.9030, 82.4377 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(221, 238, 224) }
```


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

```
.border{ border-color:rgb(221, 238, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 238, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 238, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 238, 224);  
box-shadow:4px 4px 4px 4px rgb(221, 238,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8479, 81.9030, 82.4377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 238, 224) }
```

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

```
.background{ background-color: rgb(221,  
238, 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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