

Converting Colors

XYZ(74.2333, 81.4855, 84.2478)

Have a look what the booklet for
XYZ(74.2333, 81.4855, 84.2478)
contains.

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Color

**XYZ(74.2735, 81.6440,
84.5173)**

Conversions

Conversions Part 1

Format	Color
Hex	DEEDE3
RGB	222, 237, 227
RGB Percent	87%, 93%, 89%
CMY	0.1294, 0.0706, 0.1098
CMYK	0.06, 0.00, 0.04, 0.07
HSL	140°, 29%, 90%
HSV	140°, 6%, 93%
XYZ	74.2735, 81.6440, 84.5173
YIQ	231.3750, -5.7300, -6.2900

Conversions

Conversions Part 2

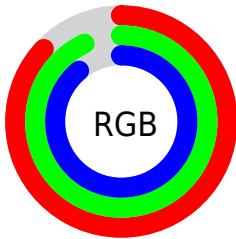
Format	Color
R _Y B	222, 233, 237
Decimal	14609891
CIE Lab	92.42, -6.78, 3.12
CIE LCh	92, 7.460, 155.267
Yxy	81.6440, 0.3089, 0.3396
Android (android.graphics.Color)	4292799971 (0xFFDEEDE3)
YUV	231.3750, -2.1569, -8.2219
Hunter-Lab	90.3571, -11.3979, 7.7919

Details

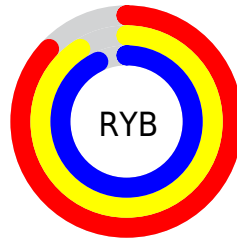
The XYZ color **74.2735, 81.6440, 84.5173** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.6148, 76.0753, 87.0465**, and the grayscale version is **76.2555, 80.2267, 87.3669**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9066, 44.2418, 45.4659** is the 20% darker color. If you saturate the color by 10%, you get **65.4368, 77.3314, 73.2369**, and if you desaturate by 10%, it is **84.3354, 86.5697, 96.9034**.

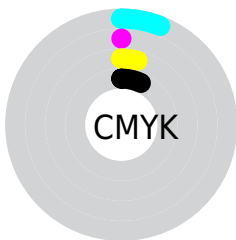
Distribution



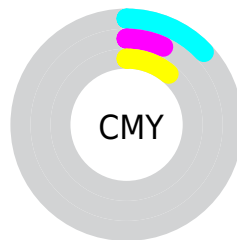
- Red (87%)
- Green (93%)
- Blue (89%)



- Red (87%)
- Yellow (91%)
- Blue (93%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2735, 81.6440, 84.5173 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 74.2735, 81.6440, 84.5173 by changing the saturation by 10% instead.

■ 74.2735, 81.6440,
84.5173

■ 74.2735, 81.6440,
84.5173

464.4525,
500.4561, 530.1324

■ 55.3100, 61.0721,
62.8948

124.2769,
135.6747, 141.5667

■ 39.8848, 44.2834,
45.3156

156.0474,
169.9022, 177.8307

■ 27.6325, 30.8934,
31.3613

192.8177,
209.4505, 219.8123

■ 18.1879, 20.5177,
20.6134

234.9531,
254.7039, 267.9299

■ 11.1855, 12.7719,
12.6532

282.8189,
306.0467, 322.6022

■ 6.2599, 7.2717,
7.0623

336.7805,

■ 3.0459, 3.6326,

363.8634, 384.2477

3.4220

397.2033,
428.5384, 453.2849

■ 1.1781, 1.4702,
1.3140

■ 0.0890, 0.2676,
0.0732

■ 74.2735, 81.6440,
84.5173

■ 74.2735, 81.6440,
84.5173

■ 65.4368, 77.3314,
73.2369

■ 84.3354, 86.5697,
96.9034

■ 57.7707, 73.5974,
63.0266

■ 89.5757, 89.0515,
107.0752

■ 51.2267, 70.4201,
53.8568

■ 45.7501, 67.7717,
45.6942

■ 41.2813, 65.6225,
38.5040

■ 37.7548, 63.9393,
32.2494

■ 35.0971, 62.6851,
26.8909

■ 33.2225, 61.8164,
22.3864

■ 32.0257, 61.2800,
18.6895

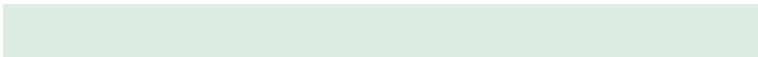
Harmonies

Analogous

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



75.4742, 81.6440, 80.4866



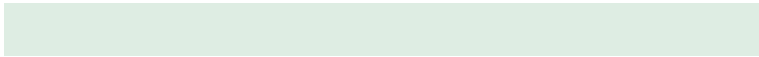
74.2735, 81.6440, 84.5173



73.9581, 81.6440, 89.8770

Triad

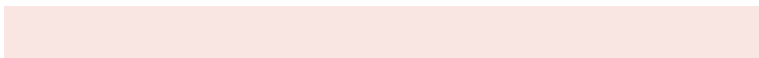
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2735, 81.6440, 84.5173



77.9418, 81.6440, 99.9214



80.6742, 81.6440, 82.8918

Complementary

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



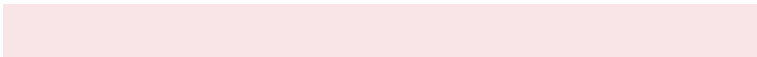
74.2735, 81.6440, 84.5173



75.6148, 76.0753, 87.0465

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.



81.3599, 81.6440, 87.9231



74.2735, 81.6440, 84.5173



79.7657, 81.6440, 97.8726

Square

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



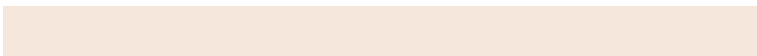
74.2735, 81.6440, 84.5173



76.0556, 81.6440, 98.9179



81.0247, 81.6440, 93.4243



79.1655, 81.6440, 79.5758

Rectangle

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



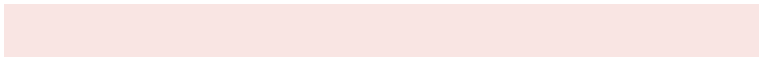
74.2735, 81.6440, 84.5173



74.2877, 81.6440, 93.5171



81.0247, 81.6440, 93.4243



81.0097, 81.6440, 84.4305

Sweetspot

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



74.2758, 81.6475, 84.5191



92.6558, 98.8284, 105.9555



76.8321, 83.0439, 81.0879



19.8572, 21.1656, 22.7098



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.



74.2758, 81.6475, 84.5191



85.8258, 95.4889, 97.4392



75.2983, 82.0565, 89.9037



15.0754, 16.9450, 17.0798



17.3586, 33.3979, 9.8534



1.4062, 2.6398, 1.0011

Inverse Universe

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



75.6148, 76.0753, 87.0465



87.8085, 87.2377, 101.1815



74.6054, 75.6716, 81.7310



15.4890, 15.2235, 17.8605



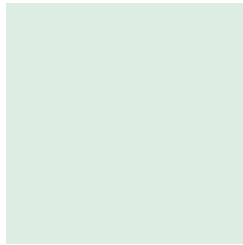
22.5014, 11.2033, 18.9736



1.8112, 0.8974, 1.7232

Previews

White Background



This preview shows how the XYZ color 74.2735, 81.6440, 84.5173 looks on a white background.

Color Contrast Check

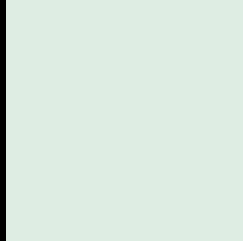
Large Text (above 18pt) WCAG AA × Fail

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 74.2735, 81.6440, 84.5173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

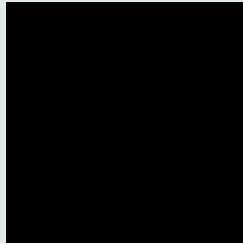
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

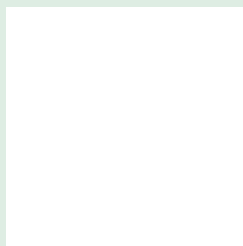
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2735, 81.6440, 84.5173

Background



This preview shows how black text looks on a background with the XYZ color 74.2735, 81.6440, 84.5173.

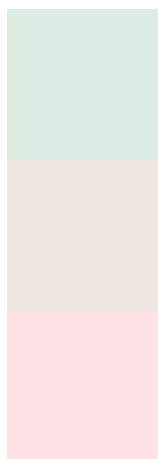


This preview shows how white text looks on a background with the XYZ color 74.2735, 81.6440,

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

74.2735, 81.6440, 84.5173

Protanopia

77.9078, 81.4458, 82.1354

Deuteranopia

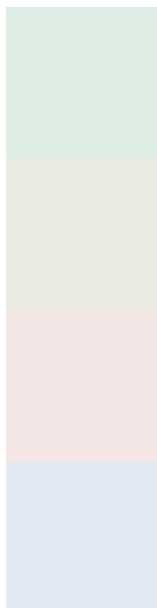
82.7193, 81.3659, 86.2083



Tritanopia

78.0736, 81.4749, 103.7068

Trichromacy



Original Color

74.2735, 81.6440, 84.5173

Protanomaly

76.6177, 81.6055, 82.9474

Deuteranomaly

79.4018, 81.3055, 85.6373

Tritanomaly

76.6518, 81.3243, 96.4512

Monochromacy



Original Color

74.2735, 81.6440, 84.5173

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.4167, 80.4850, 86.4232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2735, 81.6440, 84.5173 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(222, 237, 227)` looks like.

```
.text, #text, p{  
    color:rgb(222, 237, 227)  
}
```

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(222, 237, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 237, 227) }
```

Border

The CSS property to change the border of an element to XYZ 74.2735, 81.6440, 84.5173 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(222, 237, 227) }
```


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

```
.border{ border-color:rgb(222, 237, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 237, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 237, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 237, 227);  
box-shadow:4px 4px 4px 4px rgb(222, 237,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2735, 81.6440, 84.5173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 237, 227) }
```

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

```
.background{ background-color: rgb(222,  
237, 227) }
```

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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