

Converting Colors

XYZ(74.0478, 82.9670, 85.5776)

Have a look what the booklet for
XYZ(74.0478, 82.9670, 85.5776)
contains.

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Color

**XYZ(74.0771, 82.8270,
85.4817)**

Conversions

Conversions Part 1

Format	Color
Hex	DAF0E4
RGB	218, 240, 228
RGB Percent	85%, 94%, 89%
CMY	0.1451, 0.0588, 0.1059
CMYK	0.09, 0.00, 0.05, 0.06
HSL	147°, 42%, 90%
HSV	147°, 9%, 94%
XYZ	74.0771, 82.8270, 85.4817
YIQ	232.0540, -9.2600, -8.3960

Conversions

Conversions Part 2

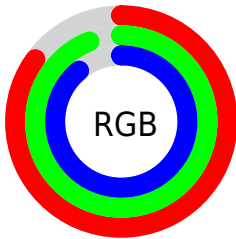
Format	Color
R _Y B	218, 233, 240
Decimal	14348516
CIE Lab	92.94, -9.43, 3.32
CIE LCh	93, 9.997, 160.583
Yxy	82.8270, 0.3056, 0.3417
Android (android.graphics.Color)	4292538596 (0xFFDAF0E4)
YUV	232.0540, -1.9986, -12.3254
Hunter-Lab	91.0093, -13.9762, 8.0176

Details

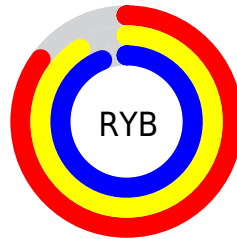
The XYZ color **74.0771, 82.8270, 85.4817** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.2925, 74.3833, 85.2559**, and the grayscale version is **76.7635, 80.7612, 87.9490**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7876, 45.0846, 46.1403** is the 20% darker color. If you saturate the color by 10%, you get **65.6641, 78.6944, 75.9572**, and if you desaturate by 10%, it is **83.6717, 87.5575, 95.7836**.

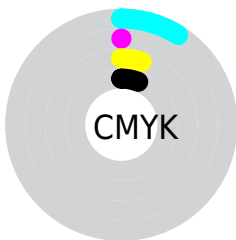
Distribution



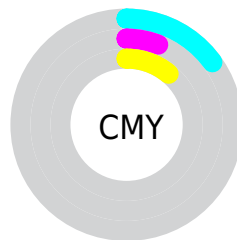
- Red (85%)
- Green (94%)
- Blue (89%)



- Red (85%)
- Yellow (91%)
- Blue (94%)



- Cyan (9%)
- Magenta (0%)
- Yellow (5%)
- Black (6%)



- Cyan (15%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0771, 82.8270, 85.4817 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 74.0771, 82.8270, 85.4817 by changing the saturation by 10% instead.

74.0771, 82.8270,
85.4817

74.0771, 82.8270,
85.4817

463.7856,
504.4098, 533.4067

55.1486, 62.0474,
63.6870

124.0000,
137.3331, 142.9261

39.7551, 45.0710,
45.9527

155.7252,
171.8285, 179.4130

27.5310, 31.5134,
31.8601

192.4466,
211.6646, 221.6343

18.1111, 20.9901,
20.9907

234.5297,
257.2258, 270.0086

11.1299, 13.1168,
12.9260

282.3398,
308.8965, 324.9544

6.2222, 7.5090,
7.2475

336.2423,

3.0226, 3.7824,

367.0612, 386.8904

3.5366

396.6024,
432.1041, 456.2350

■ 1.1657, 1.5526,
1.3747

■ 0.0791, 0.3253,
0.1219

■ 74.0771, 82.8270,
85.4817

■ 74.0771, 82.8270,
85.4817

■ 65.6641, 78.6944,
75.9572

■ 83.6717, 87.5575,
95.7836

■ 58.3782, 75.1250,
67.1866

■ 90.3211, 90.7511,
106.6798

■ 52.1710, 72.0964,
59.1528

■ 90.4516, 90.8033,
107.3672

■ 46.9875, 69.5808,
51.8365

■ 42.7680, 67.5477,
45.2171

■ 39.4459, 65.9632,
39.2731

■ 36.9459, 64.7889,
33.9818

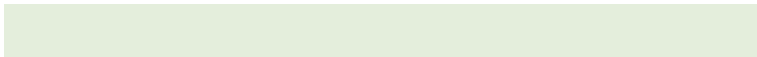
■ 35.1789, 63.9794,
29.3189

■ 34.0101, 63.4656,
25.2566

Harmonies

Analogous

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



75.4987, 82.8270, 79.6845



74.0771, 82.8270, 85.4817



73.8848, 82.8270, 92.8552

Triad

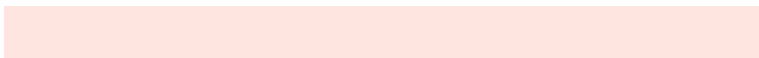
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.0771, 82.8270, 85.4817



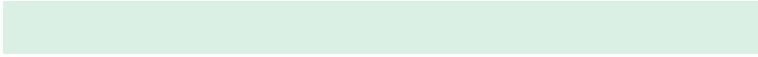
79.6517, 82.8270, 105.0929



82.6052, 82.8270, 81.1373

Complementary

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



74.0771, 82.8270, 85.4817



75.2925, 74.3833, 85.2559

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.



83.7712, 82.8270, 87.5655



74.0771, 82.8270, 85.4817



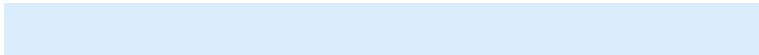
82.0411, 82.8270, 101.5687

Square

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



74.0771, 82.8270, 85.4817



77.0649, 82.8270, 104.4585



83.5625, 82.8270, 95.0567



80.4079, 82.8270, 77.2739

Rectangle

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



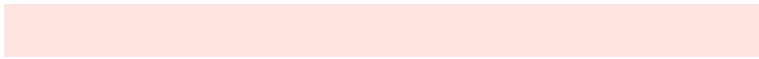
74.0771, 82.8270, 85.4817



74.4749, 82.8270, 97.7112



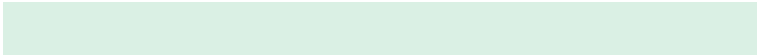
83.5625, 82.8270, 95.0567



83.1330, 82.8270, 83.0546

Sweetspot

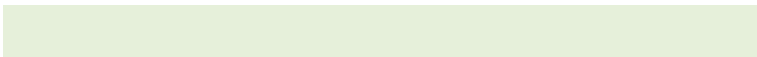
The Sweet Spot groups the original color and five complimentary colors.



74.0794, 82.8305, 85.4835



91.6266, 98.3120, 105.2705



76.4832, 84.2255, 78.5569



19.4206, 20.9485, 22.3275



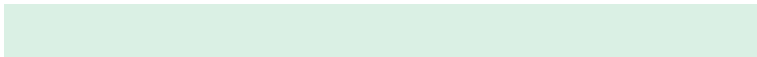
0.0000, 0.0000, 0.0000



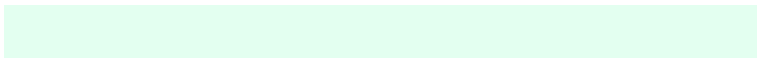
20.3446, 21.4041, 23.3091

Same Dimension

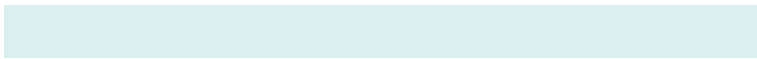
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.0794, 82.8305, 85.4835



83.1061, 94.1161, 95.9891



75.6416, 83.4554, 93.7096



15.8646, 17.7759, 18.3099



18.6359, 34.7464, 13.9977



1.5999, 2.9104, 1.4254

Inverse Universe

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



75.2925, 74.3833, 85.2559



84.7603, 82.5968, 95.6784



73.8084, 73.7897, 77.4409



16.1335, 15.9031, 18.2594



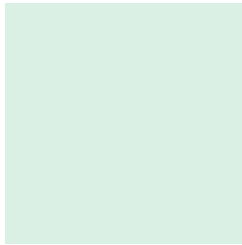
21.9794, 11.0642, 13.0741



1.8786, 0.9405, 1.3517

Previews

White Background



This preview shows how the XYZ color 74.0771, 82.8270, 85.4817 looks on a white background.

Color Contrast Check

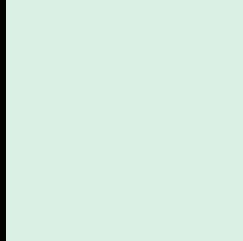
Large Text (above 18pt) WCAG AA × Fail

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 74.0771, 82.8270, 85.4817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

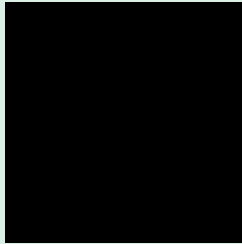
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

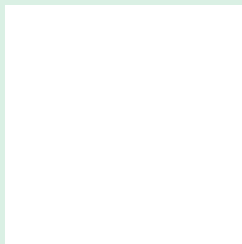
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.0771, 82.8270, 85.4817

Background



This preview shows how black text looks on a background with the XYZ color 74.0771, 82.8270, 85.4817.



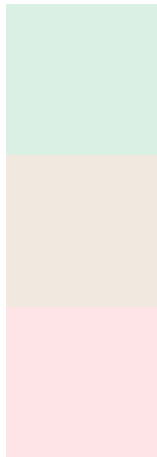
This preview shows how white text looks on a background with the XYZ color 74.0771, 82.8270,

85.4817.

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

74.0771, 82.8270, 85.4817

Protanopia

78.8691, 82.3604, 82.2613

Deuteranopia

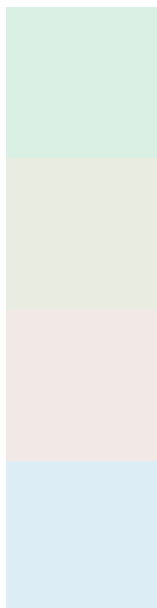
83.4072, 82.5163, 87.1325



Tritanopia

78.1697, 82.7405, 106.4583

Trichromacy



Original Color

74.0771, 82.8270, 85.4817

Protanomaly

77.1903, 82.7508, 83.1383

Deuteranomaly

79.7575, 82.3036, 86.5454

Tritanomaly

76.5844, 82.5331, 98.2803

Monochromacy



Original Color

74.0771, 82.8270, 85.4817

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.8107, 81.5171, 87.3400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0771, 82.8270, 85.4817 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(218, 240, 228) looks like.

```
.text, #text, p{  
    color:rgb(218, 240, 228)  
}
```

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(218, 240, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 240, 228) }
```

Border

The CSS property to change the border of an element to XYZ 74.0771, 82.8270, 85.4817 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(218, 240, 228) }
```


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

```
.border{ border-color:rgb(218, 240, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 240, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 240, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 240, 228);  
box-shadow:4px 4px 4px 4px rgb(218, 240,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0771, 82.8270, 85.4817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 240, 228) }
```

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

```
.background{ background-color: rgb(218,  
240, 228) }
```

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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