

Converting Colors

XYZ(74.1801, 84.7802, 84.8031)

Have a look what the booklet for
XYZ(74.1801, 84.7802, 84.8031)
contains.

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Color

**XYZ(74.2401, 84.6945,
85.1078)**

Conversions

Conversions Part 1

Format	Color
Hex	D7F4E3
RGB	215, 244, 227
RGB Percent	84%, 96%, 89%
CMY	0.1569, 0.0431, 0.1098
CMYK	0.12, 0.00, 0.07, 0.04
HSL	145°, 57%, 90%
HSV	145°, 12%, 96%
XYZ	74.2401, 84.6945, 85.1078
YIQ	233.3910, -11.8270, -11.4350

Conversions

Conversions Part 2

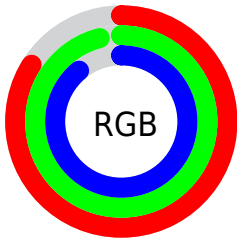
Format	Color
R _Y B	215, 236, 244
Decimal	14152931
CIE Lab	93.75, -12.59, 4.99
CIE LCh	94, 13.548, 158.370
Yxy	84.6945, 0.3042, 0.3470
Android (android.graphics.Color)	4292343011 (0xFFD7F4E3)
YUV	233.3910, -3.1508, -16.1289
Hunter-Lab	92.0296, -17.0562, 9.5901

Details

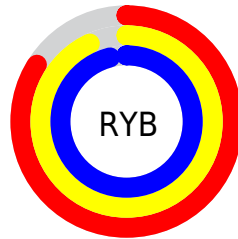
The XYZ color **74.2401, 84.6945, 85.1078** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.1772, 73.6622, 86.5511**, and the grayscale version is **77.7780, 81.8285, 89.1113**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9268, 46.4186, 45.8850** is the 20% darker color. If you saturate the color by 10%, you get **65.7097, 80.5180, 74.8275**, and if you desaturate by 10%, it is **84.0079, 89.4946, 96.3060**.

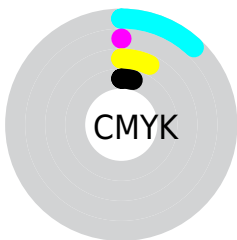
Distribution



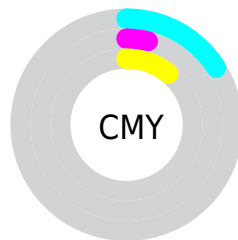
- Red (84%)
- Green (96%)
- Blue (89%)



- Red (84%)
- Yellow (93%)
- Blue (96%)



- Cyan (12%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)



- Cyan (16%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2401, 84.6945, 85.1078 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 74.2401, 84.6945, 85.1078 by changing the saturation by 10% instead.

74.2401, 84.6945,
85.1078

74.2401, 84.6945,
85.1078

464.3391,
510.6166, 532.1386

55.2826, 63.5890,
63.3798

124.2298,
139.9463, 142.3993

39.8627, 46.3179,
45.7056

155.9926,
174.8613, 178.7998

27.6153, 32.4967,
31.6665

192.7546,
215.1483, 220.9283

18.1748, 21.7412,
20.8442

234.8811,
261.1917, 269.2033

11.1760, 13.6668,
12.8200

282.7374,
313.3758, 324.0432

6.2535, 7.8893,
7.1755

336.6890,

3.0420, 4.0242,

372.0851, 385.8668

3.4920

397.1011,
437.7039, 455.0924

■ 1.1760, 1.6871,
1.3510

■ 0.0873, 0.4153,
0.1030

■ 74.2401, 84.6945,
85.1078

■ 74.2401, 84.6945,
85.1078

■ 65.7097, 80.5180,
74.8275

■ 84.0079, 89.4946,
96.3060

■ 58.3586, 76.9286,
65.4362

■ 91.6423, 93.1846,
107.7641

■ 52.1342, 73.9021,
56.9119

■ 46.9773, 71.4083,
49.2294

■ 42.8229, 69.4143,
42.3621

■ 39.5987, 67.8834,
36.2822

■ 37.2216, 66.7733,
30.9600

■ 35.5927, 66.0337,
26.3637

■ 34.6991, 65.6434,
23.1422

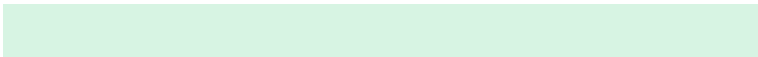
Harmonies

Analogous

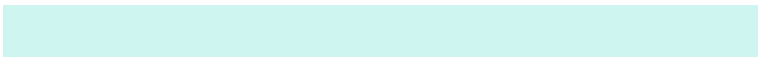
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2823, 84.6945, 77.5441



74.2401, 84.6945, 85.1078



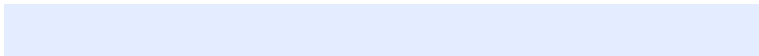
73.8492, 84.6945, 95.1314

Triad

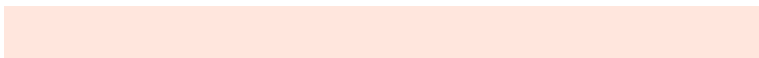
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2401, 84.6945, 85.1078



81.5106, 84.6945, 113.2350



86.0446, 84.6945, 80.4611

Complementary

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



74.2401, 84.6945, 85.1078



76.1772, 73.6622, 86.5511

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.



87.5377, 84.6945, 89.3645



74.2401, 84.6945, 85.1078



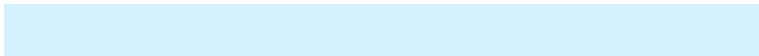
84.8695, 84.6945, 108.6351

Square

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



74.2401, 84.6945, 85.1078



77.9771, 84.6945, 111.8830



87.1014, 84.6945, 99.7134



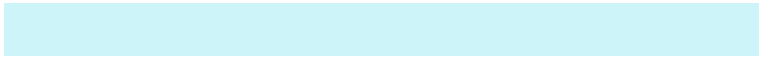
83.0759, 84.6945, 75.0036

Rectangle

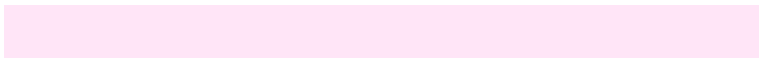
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



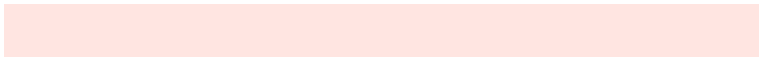
74.2401, 84.6945, 85.1078



74.5662, 84.6945, 101.9535



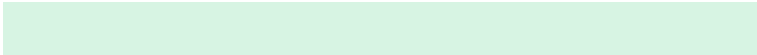
87.1014, 84.6945, 99.7134



86.7397, 84.6945, 83.1227

Sweetspot

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



74.2425, 84.6981, 85.1097



90.4485, 97.7373, 103.7371



78.0282, 86.8345, 76.9392



19.1799, 20.8314, 22.0002



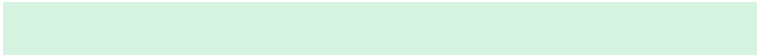
0.0000, 0.0000, 0.0000



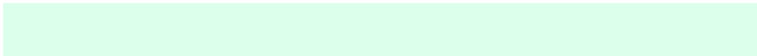
20.3446, 21.4041, 23.3091

Same Dimension

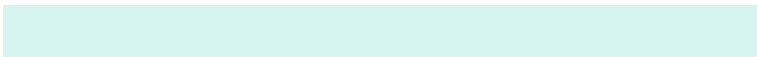
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2425, 84.6981, 85.1097



79.9252, 92.5712, 91.5507



76.2700, 85.5091, 95.7864



16.5665, 18.5857, 19.0016



18.9307, 35.7171, 12.9210



1.7137, 3.1591, 1.3982

Inverse Universe

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



76.1772, 73.6622, 86.5511



82.4121, 78.3846, 93.4030



74.2530, 72.8925, 76.4185



16.9067, 16.6455, 19.2551



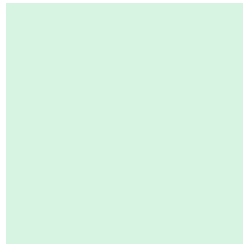
23.0536, 11.5649, 15.5223



2.0773, 1.0369, 1.6332

Previews

White Background



This preview shows how the XYZ color 74.2401, 84.6945, 85.1078 looks on a white background.

Color Contrast Check

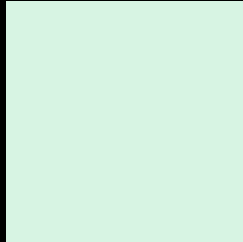
Large Text (above 18pt) WCAG AA × Fail

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 74.2401, 84.6945, 85.1078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

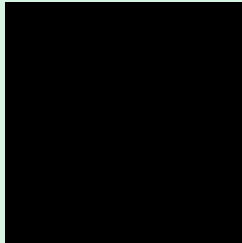
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

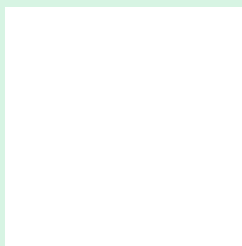
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2401, 84.6945, 85.1078

Background



This preview shows how black text looks on a background with the XYZ color 74.2401, 84.6945, 85.1078.



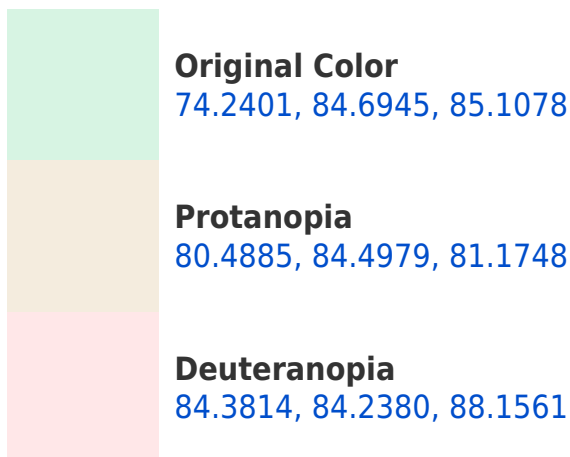
This preview shows how white text looks on a background with the XYZ color 74.2401, 84.6945,

85.1078.

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

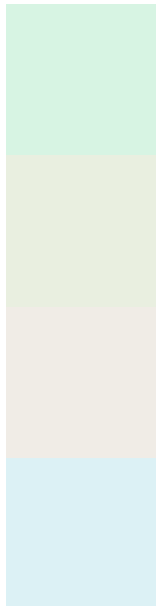




Tritanopia

79.3479, 84.6410, 106.7630

Trichromacy



Original Color

74.2401, 84.6945, 85.1078

Protanomaly

77.9253, 84.4385, 82.7122

Deuteranomaly

80.2136, 84.2293, 86.8931

Tritanomaly

77.4519, 84.7188, 98.6564

Monochromacy



Original Color

74.2401, 84.6945, 85.1078

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.0720, 82.5066, 87.5173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2401, 84.6945, 85.1078 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(215, 244, 227)` looks like.

```
.text, #text, p{  
    color:rgb(215, 244, 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(215, 244, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 244, 227) }
```

Border

The CSS property to change the border of an element to XYZ 74.2401, 84.6945, 85.1078 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(215, 244, 227) }
```


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

```
.border{ border-color:rgb(215, 244, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 244, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 244, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 244, 227);  
box-shadow:4px 4px 4px 4px rgb(215, 244,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2401, 84.6945, 85.1078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 244, 227) }
```

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

```
.background{ background-color: rgb(215,  
244, 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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