

Converting Colors

XYZ(74.1157, 83.8089, 84.3310)

Have a look what the booklet for
XYZ(74.1157, 83.8089, 84.3310)
contains.

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Color

**XYZ(74.0949, 83.7470,
84.2111)**

Conversions

Conversions Part 1

Format	Color
Hex	D9F2E2
RGB	217, 242, 226
RGB Percent	85%, 95%, 89%
CMY	0.1490, 0.0510, 0.1137
CMYK	0.10, 0.00, 0.07, 0.05
HSL	142°, 49%, 90%
HSV	142°, 10%, 95%
XYZ	74.0949, 83.7470, 84.2111
YIQ	232.7010, -9.7640, -10.2760

Conversions

Conversions Part 2

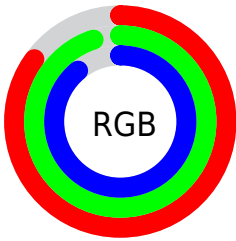
Format	Color
R _Y B	217, 235, 242
Decimal	14283490
CIE Lab	93.34, -11.12, 4.93
CIE LCh	93, 12.169, 156.076
Yxy	83.7470, 0.3061, 0.3460
Android (android.graphics.Color)	4292473570 (0xFFD9F2E2)
YUV	232.7010, -3.3036, -13.7698
Hunter-Lab	91.5134, -15.6238, 9.5004

Details

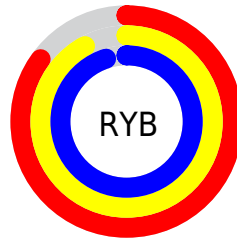
The XYZ color **74.0949, 83.7470, 84.2111** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.1418, 74.3883, 87.4400**, and the grayscale version is **77.2586, 81.2821, 88.5162**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8099, 45.7395, 45.2585** is the 20% darker color. If you saturate the color by 10%, you get **65.3922, 79.4976, 73.2060**, and if you desaturate by 10%, it is **84.0491, 88.6242, 96.2807**.

Distribution



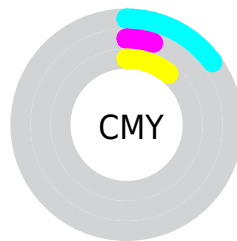
- Red (85%)
- Green (95%)
- Blue (89%)



- Red (85%)
- Yellow (92%)
- Blue (95%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)



- Cyan (15%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0949, 83.7470, 84.2111 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 74.0949, 83.7470, 84.2111 by changing the saturation by 10% instead.

74.0949, 83.7470,
84.2111

74.0949, 83.7470,
84.2111

463.8461,
507.4727, 529.0903

55.1633, 62.8066,
62.6433

124.0251,
138.6212, 141.1348

39.7668, 45.6847,
45.1136

155.7544,
173.3238, 177.3278

27.5402, 31.9971,
31.2033

192.4803,
213.3825, 219.2330

18.1180, 21.3593,
20.4939

234.5681,
259.1819, 267.2689

11.1349, 13.3869,
12.5670

282.3833,
311.1061, 321.8540

6.2256, 7.6955,
7.0038

336.2911,

3.0247, 3.9007,

369.5398, 383.4070

3.3860

396.6569,
434.8672, 452.3462

■ 1.1669, 1.6182,
1.2950

■ 0.0800, 0.3698,
0.0577

■ 74.0949, 83.7470,
84.2111

■ 74.0949, 83.7470,
84.2111

■ 65.3922, 79.4976,
73.2060

■ 84.0491, 88.6242,
96.2807

■ 57.8833, 75.8396,
63.2310

■ 91.0437, 91.9875,
107.5646

■ 51.5161, 72.7492,
54.2579

■ 46.2320, 70.1968,
46.2553

■ 41.9668, 68.1499,
39.1899

■ 38.6493, 66.5727,
33.0265

■ 36.1986, 65.4241,
27.7277

■ 34.5188, 64.6554,
23.2531

■ 33.4786, 64.1974,
19.6673

Harmonies

Analogous

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



76.0231, 83.7470, 77.6457



74.0949, 83.7470, 84.2111



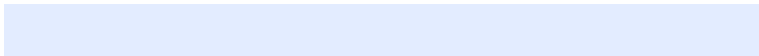
73.6239, 83.7470, 93.0681

Triad

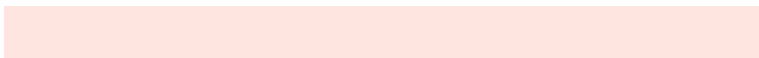
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.0949, 83.7470, 84.2111



80.2534, 83.7470, 109.8967



84.6872, 83.7470, 81.1782

Complementary

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



74.0949, 83.7470, 84.2111



76.1418, 74.3883, 87.4400

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.



85.8890, 83.7470, 89.3299



74.0949, 83.7470, 84.2111



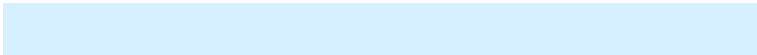
83.2853, 83.7470, 106.2161

Square

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



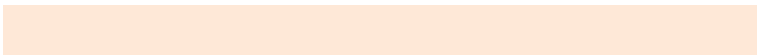
74.0949, 83.7470, 84.2111



77.1247, 83.7470, 108.2987



85.3692, 83.7470, 98.5363



82.1257, 83.7470, 75.9786

Rectangle

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



74.0949, 83.7470, 84.2111



74.1882, 83.7470, 99.1706



85.3692, 83.7470, 98.5363



85.2667, 83.7470, 83.6424

Sweetspot

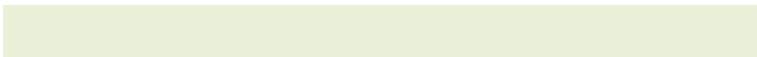
The Sweet Spot groups the original color and five complimentary colors.



74.0972, 83.7506, 84.2129



91.5129, 98.2665, 104.6718



77.9657, 85.8838, 78.1148



19.3899, 20.9363, 22.1662



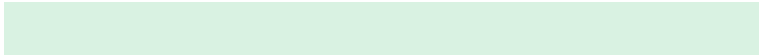
0.0000, 0.0000, 0.0000



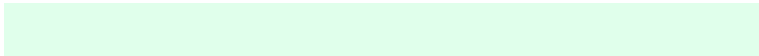
20.3446, 21.4041, 23.3091

Same Dimension

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



74.0972, 83.7506, 84.2129



81.6800, 93.4534, 92.6449



75.8396, 84.4475, 93.3882



15.8010, 17.7504, 17.9749



18.0435, 34.5094, 10.8777



1.5470, 2.8892, 1.1470

Inverse Universe

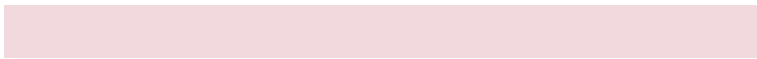
The Inverse Universe completely reimagines the original color for something new.



76.1418, 74.3883, 87.4400



84.3302, 81.3173, 96.8275



74.4513, 73.7120, 78.5375



16.1987, 15.9292, 18.6027



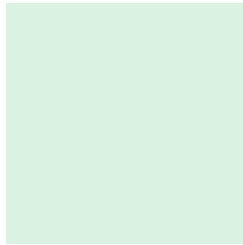
22.9126, 11.4375, 17.9882



1.9535, 0.9704, 1.7460

Previews

White Background



This preview shows how the XYZ color 74.0949, 83.7470, 84.2111 looks on a white background.

Color Contrast Check

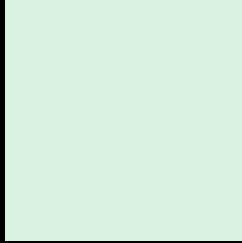
Large Text (above 18pt) WCAG AA × Fail

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 74.0949, 83.7470, 84.2111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

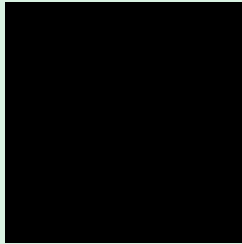
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

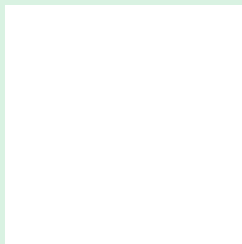
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.0949, 83.7470, 84.2111

Background



This preview shows how black text looks on a background with the XYZ color 74.0949, 83.7470, 84.2111.



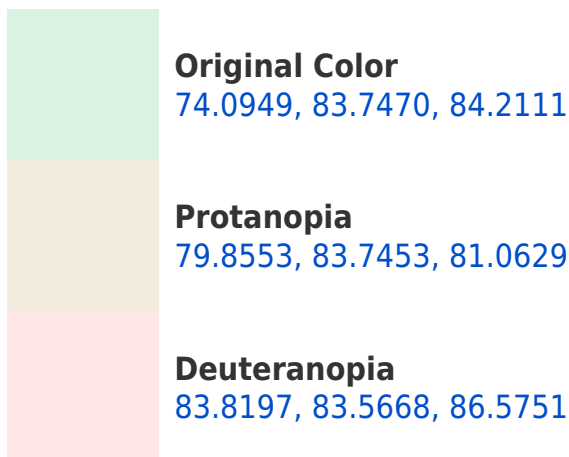
This preview shows how white text looks on a background with the XYZ color 74.0949, 83.7470,

84.2111.

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

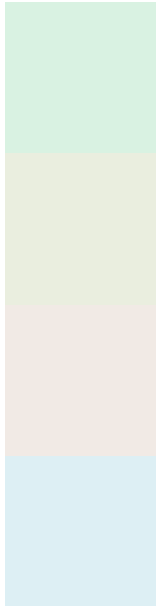




Tritanopia

78.7656, 83.4763, 106.5689

Trichromacy



Original Color

74.0949, 83.7470, 84.2111

Protanomaly

77.8255, 83.9692, 81.9179

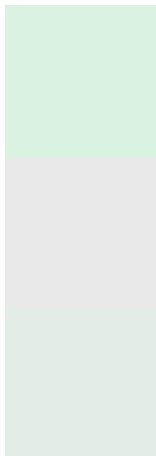
Deuteranomaly

79.8413, 83.2036, 85.9805

Tritanomaly

77.0144, 83.6368, 97.6724

Monochromacy



Original Color

74.0949, 83.7470, 84.2111

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

75.9569, 82.0350, 86.6939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0949, 83.7470, 84.2111 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(217, 242, 226) looks like.

```
.text, #text, p{  
    color:rgb(217, 242, 226)  
}
```

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(217, 242, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 242, 226) }
```

Border

The CSS property to change the border of an element to XYZ 74.0949, 83.7470, 84.2111 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(217, 242, 226) }
```


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

```
.border{ border-color:rgb(217, 242, 226) }
```

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

Here you see how a box with a 4 pixel rgb(217, 242, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 242, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 242, 226);  
box-shadow:4px 4px 4px 4px rgb(217, 242,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0949, 83.7470, 84.2111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 242, 226) }
```

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

```
.background{ background-color: rgb(217,  
242, 226) }
```

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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