

Converting Colors

XYZ(74.1565, 85.0199, 84.7004)

Have a look what the booklet for
XYZ(74.1565, 85.0199, 84.7004)
contains.

| | |
|--|----|
| XYZ(74.1114, 85.0919, 84.4698) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(74.1114, 85.0919,
84.4698)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | D6F5E2 |
| RGB | 214, 245, 226 |
| RGB Percent | 84%, 96%, 89% |
| CMY | 0.1608, 0.0392, 0.1137 |
| CMYK | 0.13, 0.00, 0.08, 0.04 |
| HSL | 143°, 61%, 90% |
| HSV | 143°, 13%, 96% |
| XYZ | 74.1114, 85.0919, 84.4698 |
| YIQ | 233.5650, -12.3770, -12.4810 |

Conversions

Conversions Part 2

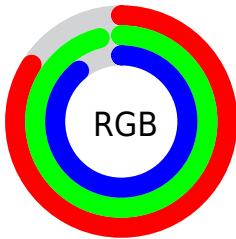
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 214, 236, 245 |
| Decimal | 14087650 |
| CIE Lab | 93.92, -13.60, 5.75 |
| CIE LCh | 94, 14.765, 157.077 |
| Yxy | 85.0919, 0.3041, 0.3492 |
| Android (android.graphics.Color) | 4292277730 (0xFFD6F5E2) |
| YUV | 233.5650, -3.7295, -17.1585 |
| Hunter-Lab | 92.2453, -18.0193, 10.2793 |

Details

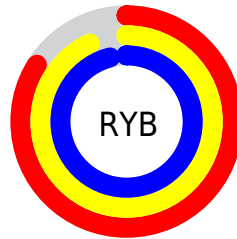
The XYZ color **74.1114, 85.0919, 84.4698** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.4137, 73.3909, 87.2331**, and the grayscale version is **77.9139, 81.9715, 89.2669**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8464, 46.7064, 45.4432** is the 20% darker color. If you saturate the color by 10%, you get **65.5207, 80.8934, 73.7784**, and if you desaturate by 10%, it is **83.9628, 89.9242, 96.1660**.

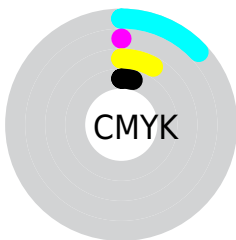
Distribution



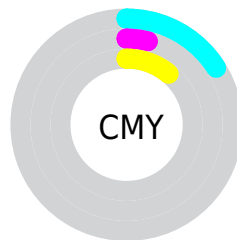
- Red (84%)
- Green (96%)
- Blue (89%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (8%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1114, 85.0919, 84.4698 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 74.1114, 85.0919, 84.4698 by changing the saturation by 10% instead.

74.1114, 85.0919,
84.4698

74.1114, 85.0919,
84.4698

463.9021,
511.9321, 529.9708

55.1768, 63.9173,
62.8558

124.0484,
140.5016, 141.4997

39.7777, 46.5837,
45.2843

155.7815,
175.5054, 177.7527

27.5487, 32.7067,
31.3368

192.5115,
215.8879, 219.7224

18.1245, 21.9018,
20.5949

234.6037,
262.0332, 267.8274

11.1396, 13.7848,
12.6398

282.4235,
314.3260, 322.4862

6.2288, 7.9711,
7.0532

336.3363,

3.0267, 4.0765,

373.1504, 384.1173

3.4164

396.7074,
438.8910, 453.1393

■ 1.1679, 1.7164,
1.3110

■ 0.0808, 0.4343,
0.0708

■ 74.1114, 85.0919,
84.4698

■ 74.1114, 85.0919,
84.4698

■ 65.5207, 80.8934,
73.7784

■ 83.9628, 89.9242,
96.1660

■ 58.1312, 77.2914,
64.0597

■ 91.9440, 93.7880,
107.8647

■ 51.8890, 74.2611,
55.2879

■ 46.7331, 71.7717,
47.4340

■ 42.5967, 69.7892,
40.4674

■ 39.4053, 68.2759,
34.3560

■ 37.0732, 67.1884,
29.0652

■ 35.4978, 66.4743,
24.5581

■ 34.7119, 66.1312,
21.7213

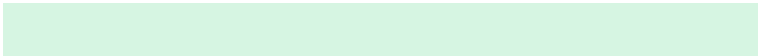
Harmonies

Analogous

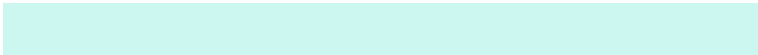
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.4040, 85.0919, 76.4260



74.1114, 85.0919, 84.4698



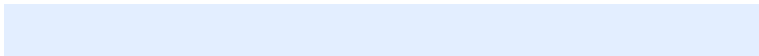
73.6036, 85.0919, 95.3441

Triad

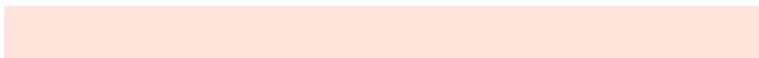
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1114, 85.0919, 84.4698



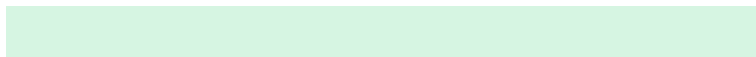
81.8124, 85.0919, 115.8439



87.0609, 85.0919, 80.1993

Complementary

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



74.1114, 85.0919, 84.4698



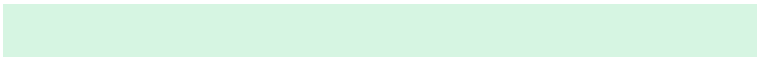
76.4137, 73.3909, 87.2331

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.



88.6151, 85.0919, 90.0083



74.1114, 85.0919, 84.4698



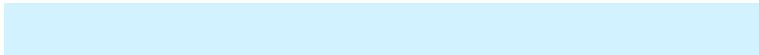
85.5219, 85.0919, 111.0228

Square

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



74.1114, 85.0919, 84.4698



77.9679, 85.0919, 114.0599



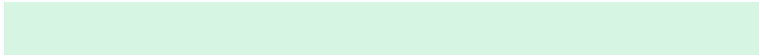
88.0429, 85.0919, 101.3433



83.8581, 85.0919, 74.1035

Rectangle

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



74.1114, 85.0919, 84.4698



74.3301, 85.0919, 102.8609



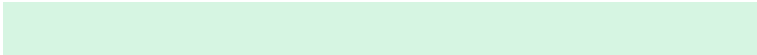
88.0429, 85.0919, 101.3433



87.7981, 85.0919, 83.1394

Sweetspot

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



74.1138, 85.0955, 84.4717



90.4060, 97.7204, 103.5136



78.4355, 87.5071, 76.3760



19.1692, 20.8272, 21.9437



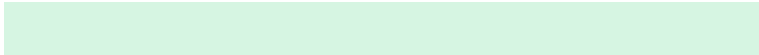
0.0000, 0.0000, 0.0000



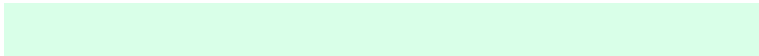
20.3446, 21.4041, 23.3091

Same Dimension

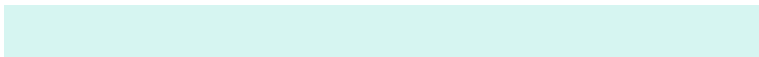
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1138, 85.0955, 84.4717



78.8033, 92.0344, 89.6239



76.3213, 85.9785, 96.0964



16.5477, 18.5782, 18.9026



18.7619, 35.6496, 12.0318



1.6977, 3.1527, 1.3140

Inverse Universe

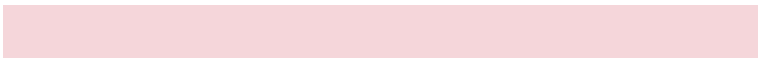
The Inverse Universe completely reimagines the original color for something new.



76.4137, 73.3909, 87.2331



81.7456, 77.0598, 93.1557



74.3101, 72.5494, 76.1553



16.9260, 16.6532, 19.3569



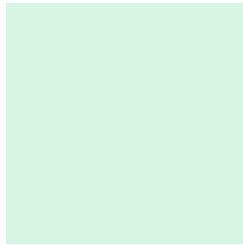
23.3291, 11.6751, 16.9732



2.1006, 1.0462, 1.7562

Previews

White Background



This preview shows how the XYZ color 74.1114, 85.0919, 84.4698 looks on a white background.

Color Contrast Check

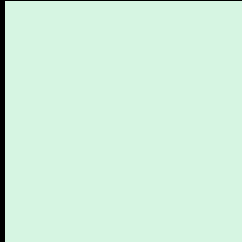
Large Text (above 18pt) WCAG AA × Fail

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 74.1114, 85.0919, 84.4698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

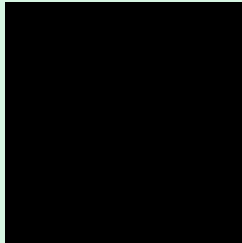
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

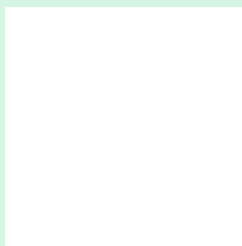
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1114, 85.0919, 84.4698

Background



This preview shows how black text looks on a background with the XYZ color 74.1114, 85.0919, 84.4698.



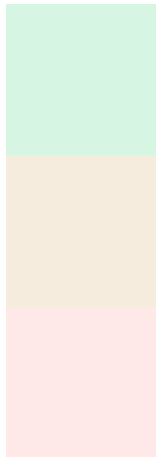
This preview shows how white text looks on a background with the XYZ color 74.1114, 85.0919,

84.4698.

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

74.1114, 85.0919, 84.4698

Protanopia

80.7028, 84.6238, 80.4872

Deuteranopia

84.6621, 84.7994, 88.2497



Tritanopia

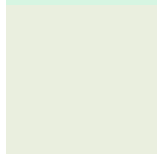
79.6415, 85.2282, 106.8609

Trichromacy



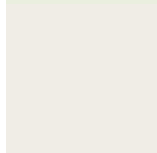
Original Color

74.1114, 85.0919, 84.4698



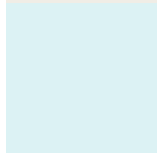
Protanomaly

78.1175, 84.5531, 82.0152



Deuteranomaly

80.5023, 84.8068, 86.9893



Tritanomaly

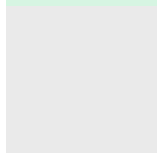
77.5965, 85.2516, 97.9534

Monochromacy



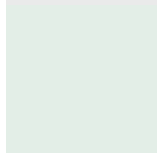
Original Color

74.1114, 85.0919, 84.4698



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

76.6769, 83.2495, 87.6288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1114, 85.0919, 84.4698 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(214, 245, 226) looks like.

```
.text, #text, p{  
    color:rgb(214, 245, 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(214, 245, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 245, 226) }
```

Border

The CSS property to change the border of an element to XYZ 74.1114, 85.0919, 84.4698 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(214, 245, 226) }
```


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

```
.border{ border-color:rgb(214, 245, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 245, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 245, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 245, 226); box-shadow:4px 4px 4px 4px rgb(214, 245, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1114, 85.0919, 84.4698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 245, 226) }
```

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

```
.background{ background-color: rgb(214,  
245, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor