

Converting Colors

XYZ(84.5338, 109.9926,
85.4225)

Have a look what the booklet for
XYZ(84.5338, 109.9926, 85.4225)
contains.

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Color

**XYZ(74.5433, 90.0059,
81.8506)**

Conversions

Conversions Part 1

Format	Color
Hex	CFFFDD
RGB	207, 255, 221
RGB Percent	81%, 100%, 87%
CMY	0.1882, 0.0000, 0.1333
CMYK	0.19, 0.00, 0.13, 0.00
HSL	138°, 100%, 91%
HSV	138°, 19%, 100%
XYZ	74.5433, 90.0059, 81.8506
YIQ	236.7720, -17.6940, -20.7500

Conversions

Conversions Part 2

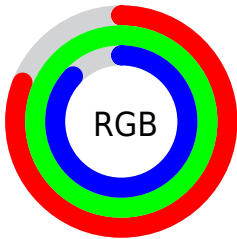
Format	Color
R_{YB}	207, 244, 255
Decimal	13631453
CIE _{Lab}	96.00, -21.66, 11.25
CIE _{LCh}	96, 24.405, 152.549
Yxy	90.0059, 0.3025, 0.3653
Android (android.graphics.Color)	4291821533 (0xFFCFFFDD)
YUV	236.7720, -7.7756, -26.1100
Hunter-Lab	94.8714, -25.7723, 15.2574

Details

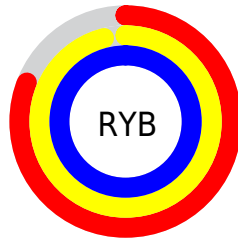
The XYZ color **74.5433, 90.0059, 81.8506** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79.4304, 72.2374, 92.9757**, and the grayscale version is **80.3882, 84.5746, 92.1018**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0259, 49.8167, 43.5824** is the 20% darker color. If you saturate the color by 10%, you get **65.7063, 85.7135, 69.5436**, and if you desaturate by 10%, it is **84.7913, 94.9957, 95.5780**.

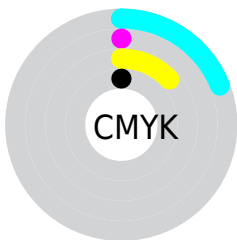
Distribution



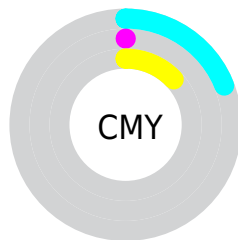
- Red (81%)
- Green (100%)
- Blue (87%)



- Red (81%)
- Yellow (96%)
- Blue (100%)



- Cyan (19%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (19%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5433, 90.0059, 81.8506 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 74.5433, 90.0059, 81.8506 by changing the saturation by 10% instead.


 74.5433, 90.0059,
81.8506

 74.5433, 90.0059,
81.8506


465.3678,
528.0500, 521.0181

 55.5317, 67.9855,
60.7073


124.6570,
147.3466, 137.7993

 40.0631, 49.8860,
43.5600


156.4899,
183.4357, 173.4417

 27.7722, 35.3228,
29.9901


193.3272,
224.9832, 214.7543

 18.2936, 23.9116,
19.5791

235.5343,
272.3734, 262.1556

 11.2619, 15.2681,
11.9084

283.4765,
325.9909, 316.0640

 6.3119, 9.0078,
6.5596

337.5193,

 3.0781, 4.7462,

386.2198, 376.8983

3.1140

398.0279,
453.4448, 445.0768

■ 1.1952, 2.0992,
1.1531

■ 0.1026, 0.6642,
0.0000

■ 74.5433, 90.0059,
81.8506

■ 74.5433, 90.0059,
81.8506

■ 65.7063, 85.7135,
69.5436

■ 84.7913, 94.9957,
95.5780

■ 58.2147, 82.0857,
58.6071

95.0500, 100.0000,
108.9000

■ 52.0011, 79.0888,
48.9948

■ 46.9910, 76.6854,
40.6557

■ 43.1022, 74.8342,
33.5359

■ 40.2412, 73.4882,
27.5773

■ 38.2987, 72.5924,
22.7167

■ 37.1197, 72.0682,
18.8840

■ 37.0088, 72.0195,
18.4962

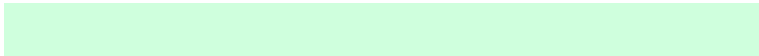
Harmonies

Analogous

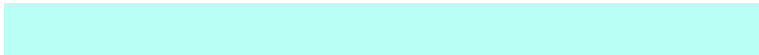
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.7557, 90.0059, 69.8984



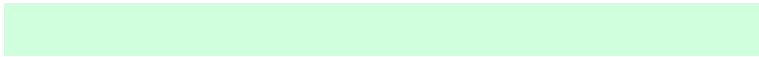
74.5433, 90.0059, 81.8506



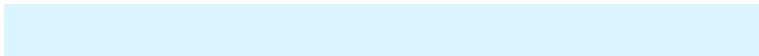
73.2301, 90.0059, 99.6629

Triad

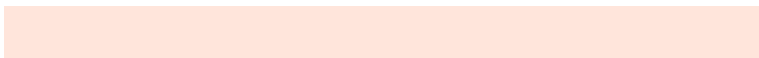
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5433, 90.0059, 81.8506



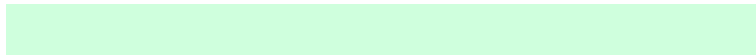
86.1262, 90.0059, 140.0056



96.9569, 90.0059, 79.3383

Complementary

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



74.5433, 90.0059, 81.8506



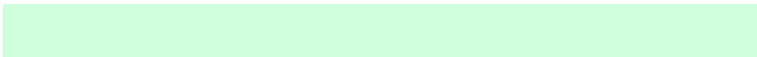
79.4304, 72.2374, 92.9757

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.



99.1749, 90.0059, 96.3579



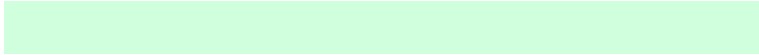
74.5433, 90.0059, 81.8506



92.7199, 90.0059, 132.7773

Square

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



74.5433, 90.0059, 81.8506



79.7052, 90.0059, 134.8110



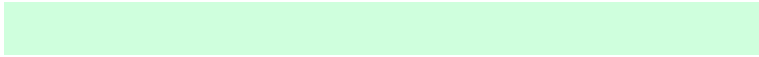
97.5855, 90.0059, 116.1476



91.6694, 90.0059, 68.5875

Rectangle

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



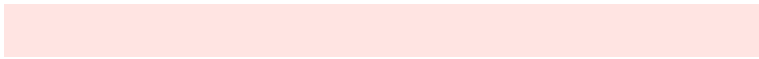
74.5433, 90.0059, 81.8506



74.1163, 90.0059, 112.9516



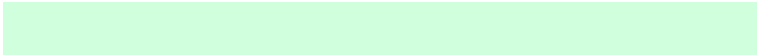
97.5855, 90.0059, 116.1476



98.0984, 90.0059, 84.4318

Sweetspot

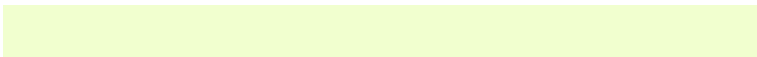
The Sweet Spot groups the original color and five complimentary colors.



74.5440, 90.0062, 81.8520



87.9473, 96.5343, 99.7152



83.4352, 94.7964, 72.9327



18.6658, 20.5850, 21.1360



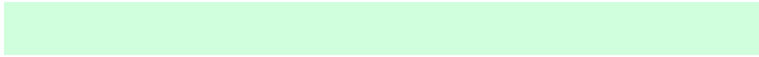
0.0000, 0.0000, 0.0000



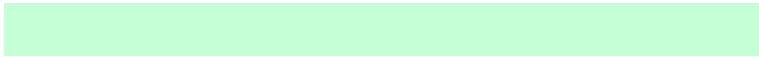
20.3446, 21.4041, 23.3091

Same Dimension

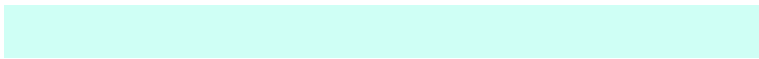
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5440, 90.0062, 81.8520



70.6845, 88.1301, 76.5407



77.9131, 91.3538, 99.5933



17.9895, 20.2553, 20.2475



19.3939, 37.6542, 9.9596



1.9334, 3.6843, 1.2073

Inverse Universe

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



79.4304, 72.2374, 92.9757



76.4759, 67.0647, 89.7205



76.1299, 70.9172, 75.5956



18.5536, 18.2047, 21.5323



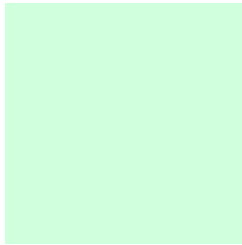
25.9549, 12.8712, 24.2105



2.5748, 1.2723, 2.6082

Previews

White Background



This preview shows how the XYZ color 74.5433, 90.0059, 81.8506 looks on a white background.

Color Contrast Check

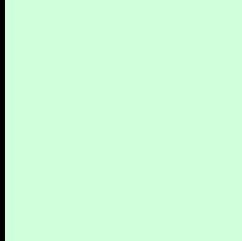
Large Text (above 18pt) WCAG AA × Fail

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 74.5433, 90.0059, 81.8506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

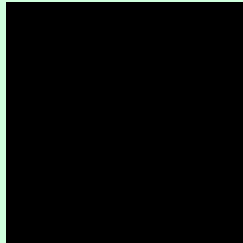
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

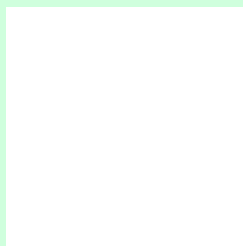
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5433, 90.0059, 81.8506

Background



This preview shows how black text looks on a background with the XYZ color 74.5433, 90.0059, 81.8506.



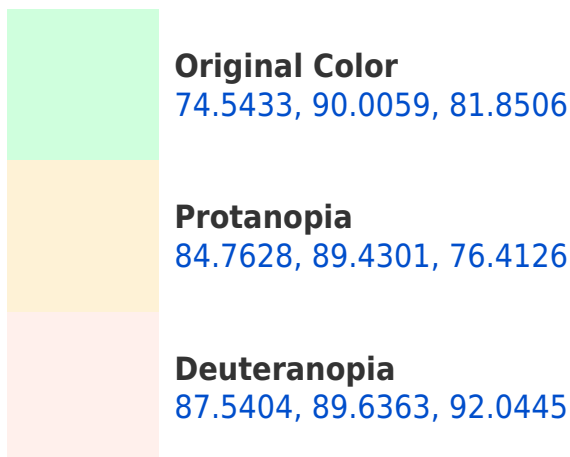
This preview shows how white text looks on a background with the XYZ color 74.5433, 90.0059,

81.8506.

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

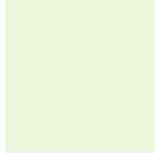
83.6574, 89.5137, 107.4764

Trichromacy



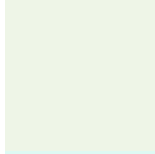
Original Color

74.5433, 90.0059, 81.8506



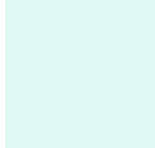
Protanomaly

80.7102, 89.5358, 78.6739



Deuteranomaly

82.3361, 89.2515, 88.4890



Tritanomaly

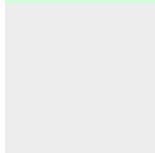
80.1775, 89.7520, 97.8921

Monochromacy



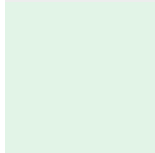
Original Color

74.5433, 90.0059, 81.8506



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.1385, 86.6396, 88.2061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5433, 90.0059, 81.8506 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(207, 255, 221)` looks like.

```
.text, #text, p{  
    color:rgb(207, 255, 221)  
}
```

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(207, 255, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 255, 221) }
```

Border

The CSS property to change the border of an element to XYZ 74.5433, 90.0059, 81.8506 is called "border". The border property can be set on classes, ids or directly on the HTML element.

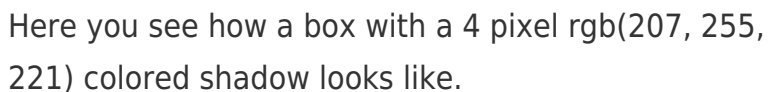
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 255, 221) }
```


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

```
.border{ border-color:rgb(207, 255, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 255, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 255, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 255, 221); box-shadow:4px 4px 4px 4px rgb(207, 255, 221) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5433, 90.0059, 81.8506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 255, 221) }
```

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

```
.background{ background-color: rgb(207,  
255, 221) }
```

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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