

Converting Colors

XYZ(74.8255, 90.4477, 68.4744)

Have a look what the booklet for
XYZ(74.8255, 90.4477, 68.4744)
contains.

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Color

**XYZ(74.9179, 90.4888,
68.7758)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D9FFC9 |
| RGB | 217, 255, 201 |
| RGB Percent | 85%, 100%, 79% |
| CMY | 0.1490, 0.0000, 0.2118 |
| CMYK | 0.15, 0.00, 0.21, 0.00 |
| HSL | 102°, 100%, 89% |
| HSV | 102°, 21%, 100% |
| XYZ | 74.9179, 90.4888, 68.7758 |
| YIQ | 237.4820, -5.3140, -24.8500 |

Conversions

Conversions Part 2

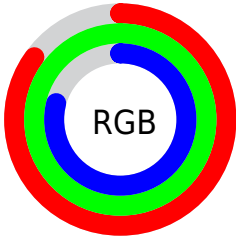
| Format | Color |
|-------------------------------------|--|
| RYB | 201, 255, 239 |
| Decimal | 14286793 |
| CIELab | 96.20, -21.75, 21.85 |
| CIELCh | 96, 30.825, 134.872 |
| Yxy | 90.4888, 0.3199, 0.3864 |
| Android (android.graphics.Color) | 4292476873 (0xFFD9FFC9) |
| YUV | 237.4820, -17.9856, -17.9627 |
| Hunter-Lab | 95.1256, -25.8889, 23.7213 |

Details

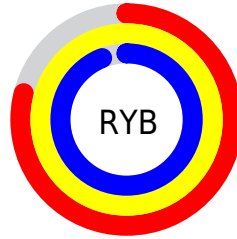
The XYZ color **74.9179, 90.4888, 68.7758** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.5341, 67.3452, 103.6783**, and the grayscale version is **81.0046, 85.2231, 92.8080**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3608, 50.1761, 35.1615** is the 20% darker color. If you saturate the color by 10%, you get **67.1155, 86.7847, 54.0303**, and if you desaturate by 10%, it is **83.7995, 94.6915, 86.1739**.

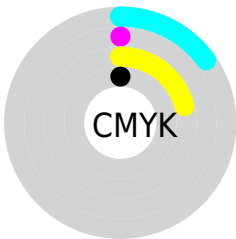
Distribution



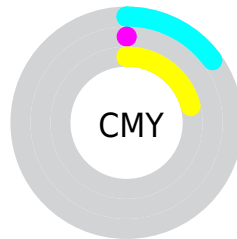
- Red (85%)
- Green (100%)
- Blue (79%)



- Red (79%)
- Yellow (100%)
- Blue (94%)



- Cyan (15%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)




- Cyan (15%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.9179, 90.4888, 68.7758 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 74.9179, 90.4888, 68.7758 by changing the saturation by 10% instead.


 74.9179, 90.4888,
68.7758

 74.9179, 90.4888,
68.7758

466.6369,
529.6196, 474.9123

 55.8396, 68.3861,
50.0585


125.1847,
148.0172, 119.1260

 40.3108, 50.2119,
35.0884


157.1038,
184.2117, 151.5960

 27.9662, 35.5818,
23.4469

194.0340,
225.8722, 189.4873

 18.4405, 24.1114,
14.7154

236.3404,
273.3832, 233.2184

 11.3683, 15.4163,
8.4755

284.3886,
327.1290, 283.2079

 6.3843, 9.1121,
4.3086


338.5438,


 3.1230, 4.8143,


387.4941, 339.8744


1.7961


399.1715,
454.8629, 403.6364


 1.2191, 2.1387,
0.4254


 0.1214, 0.6863,
0.0000


 74.9179, 90.4888,
68.7758


 74.9179, 90.4888,
68.7758

 67.1155, 86.7847,
54.0303


 83.7995, 94.6915,
86.1739

 60.3475, 83.5594,
41.8030

 93.7991, 99.4105,
106.3416

 54.5684, 80.7922,
31.9541

95.0500, 100.0000,
108.9000

 49.7285, 78.4609,
24.3284

■ 45.7732, 76.5411,
18.7524

■ 42.6413, 75.0058,
15.0267

■ 40.2625, 73.8238,
12.9121

■ 38.7051, 73.0383,
12.0578

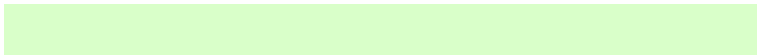
Harmonies

Analogous

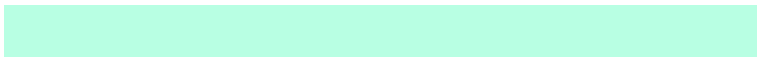
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.8545, 90.4888, 59.6561



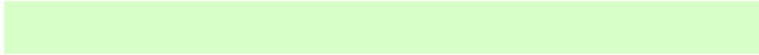
74.9179, 90.4888, 68.7758



71.0878, 90.4888, 86.7393

Triad

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



74.9179, 90.4888, 68.7758



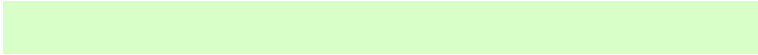
81.7860, 90.4888, 151.3467



102.9010, 90.4888, 86.9259

Complementary

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



74.9179, 90.4888, 68.7758



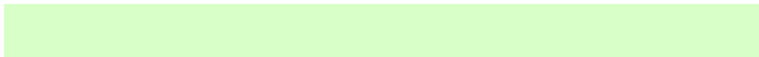
74.5341, 67.3452, 103.6783

Split Complementary

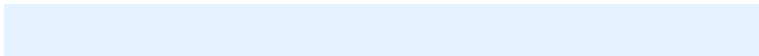
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



102.8796, 90.4888, 111.3368



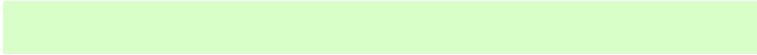
74.9179, 90.4888, 68.7758



90.2974, 90.4888, 151.4191

Square

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



74.9179, 90.4888, 68.7758



74.8706, 90.4888, 135.6327



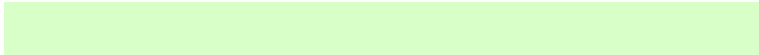
98.1394, 90.4888, 135.8166



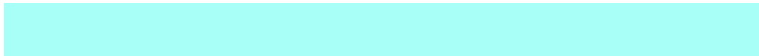
98.1961, 90.4888, 68.8928

Rectangle

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



74.9179, 90.4888, 68.7758



70.6392, 90.4888, 102.5816



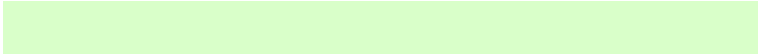
98.1394, 90.4888, 135.8166



103.4559, 90.4888, 94.5805

Sweetspot

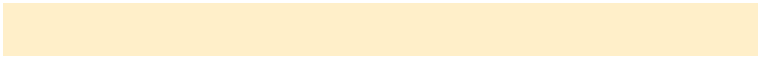
The Sweet Spot groups the original color and five complimentary colors.



74.9185, 90.4890, 68.7772



88.8328, 97.0683, 96.2587



82.5910, 87.0935, 67.7174



18.8743, 20.7108, 20.3220



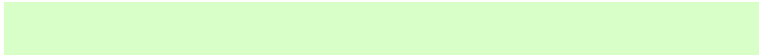
0.0000, 0.0000, 0.0000



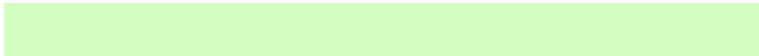
20.3446, 21.4041, 23.3091

Same Dimension

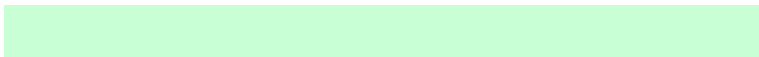
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9185, 90.4890, 68.7772



71.8093, 89.0146, 62.8314



71.7066, 88.6813, 75.4941



18.2773, 20.4289, 19.1242



20.3537, 38.2308, 6.3065



2.0857, 3.7760, 0.6189

Inverse Universe

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



74.5341, 67.3452, 103.6783



71.3645, 62.4427, 102.8991



78.4867, 69.5781, 95.0408



18.2378, 18.0143, 22.7658



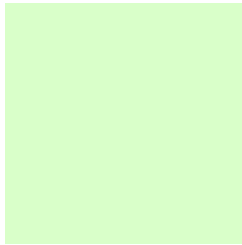
19.3565, 8.8891, 50.1302



1.9944, 0.9221, 4.8861

Previews

White Background



This preview shows how the XYZ color 74.9179, 90.4888, 68.7758 looks on a white background.

Color Contrast Check

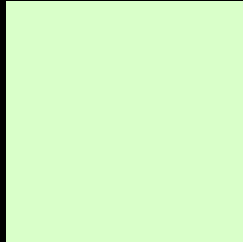
Large Text (above 18pt) WCAG AA × Fail

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 74.9179, 90.4888, 68.7758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

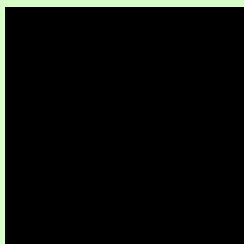
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

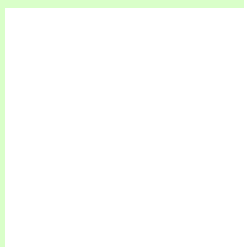
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9179, 90.4888, 68.7758

Background



This preview shows how black text looks on a background with the XYZ color 74.9179, 90.4888, 68.7758.



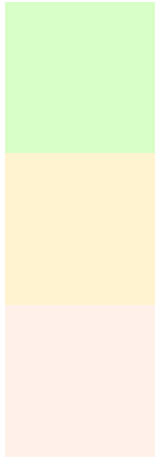
This preview shows how white text looks on a background with the XYZ color 74.9179, 90.4888,

68.7758.

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

74.9179, 90.4888, 68.7758

Protanopia

84.6758, 89.9153, 72.5670

Deuteranopia

87.4033, 90.0538, 89.8663



Tritanopia

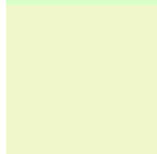
85.2945, 90.3577, 107.5530

Trichromacy



Original Color

74.9179, 90.4888, 68.7758



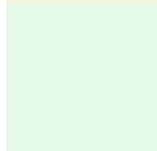
Protanomaly

80.5558, 89.6301, 70.8122



Deuteranomaly

82.2825, 89.8328, 81.4093



Tritanomaly

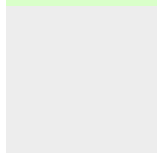
81.1842, 90.4075, 91.7688

Monochromacy



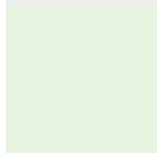
Original Color

74.9179, 90.4888, 68.7758



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.4384, 86.9062, 83.1614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9179, 90.4888, 68.7758 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, 255, 201)` looks like.

```
.text, #text, p{  
    color:rgb(217, 255, 201)  
}
```

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, 255, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 201) }
```

Border

The CSS property to change the border of an element to XYZ 74.9179, 90.4888, 68.7758 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, 255, 201) }
```


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

```
.border{ border-color:rgb(217, 255, 201) }
```

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

Here you see how a box with a 4 pixel rgb(217, 255, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 255, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 255, 201);  
box-shadow:4px 4px 4px 4px rgb(217, 255,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9179, 90.4888, 68.7758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 255, 201) }
```

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

```
.background{ background-color: rgb(217,  
255, 201) }
```

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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