

Converting Colors

XYZ(127.0585, 194.5093,
97.1663)

Have a look what the booklet for
XYZ(127.0585, 194.5093, 97.1663)
contains.

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Color

**XYZ(74.9932, 90.2836,
79.8036)**

Conversions

Conversions Part 1

Format	Color
Hex	D2FFDA
RGB	210, 255, 218
RGB Percent	82%, 100%, 85%
CMY	0.1765, 0.0000, 0.1451
CMYK	0.18, 0.00, 0.15, 0.00
HSL	131°, 100%, 91%
HSV	131°, 18%, 100%
XYZ	74.9932, 90.2836, 79.8036
YIQ	237.3270, -14.9430, -21.0470

Conversions

Conversions Part 2

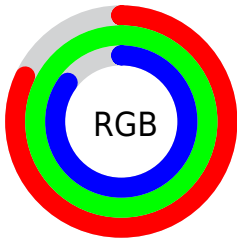
Format	Color
RYB	210, 248, 255
Decimal	13828058
CIELab	96.11, -21.23, 12.98
CIElCh	96, 24.880, 148.560
Yxy	90.2836, 0.3060, 0.3684
Android (android.graphics.Color)	4292018138 (0xFFD2FFDA)
YUV	237.3270, -9.5282, -23.9658
Hunter-Lab	95.0177, -25.3989, 16.7158

Details

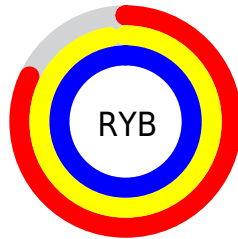
The XYZ color **74.9932, 90.2836, 79.8036** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81.0753, 74.0692, 98.0188**, and the grayscale version is **80.8271, 85.0364, 92.6047**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3225, 50.0011, 42.1763** is the 20% darker color. If you saturate the color by 10%, you get **65.7297, 85.8052, 65.9426**, and if you desaturate by 10%, it is **85.7620, 95.4978, 95.5495**.

Distribution



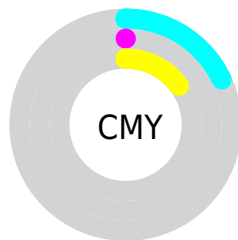
- Red (82%)
- Green (100%)
- Blue (85%)



- Red (82%)
- Yellow (97%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9932, 90.2836, 79.8036 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 74.9932, 90.2836, 79.8036 by changing the saturation by 10% instead.


 74.9932, 90.2836,
79.8036

 74.9932, 90.2836,
79.8036


466.8917,
528.9530, 513.9600

 55.9015, 68.2159,
59.0315

125.2907,
147.7323, 134.8985

 40.3606, 50.0734,
42.2183


157.2272,
183.8820, 170.0584

 28.0053, 35.4717,
28.9454


194.1760,
225.4945, 210.8513

 18.4701, 24.0265,
18.7943

236.5024,
272.9543, 257.6957

 11.3898, 15.3533,
11.3465

284.5718,
326.6456, 311.0103

 6.3989, 9.0677,
6.1833

338.7496,

 3.1320, 4.7854,

386.9529, 371.2135

2.8863

399.4011,
454.2605, 438.7239

■ 1.2240, 2.1219,
1.0369

■ 0.1252, 0.6769,
0.0000

■ 74.9932, 90.2836,
79.8036

■ 74.9932, 90.2836,
79.8036

■ 65.7297, 85.8052,
65.9426

■ 85.7620, 95.4978,
95.5495

■ 57.9017, 82.0284,
53.8918

95.0500, 100.0000,
108.9000

■ 51.4373, 78.9175,
43.5775

■ 46.2572, 76.4333,
34.9196

■ 42.2737, 74.5325,
27.8315

■ 39.3882, 73.1662,
22.2188

■ 37.4853, 72.2772,
17.9767

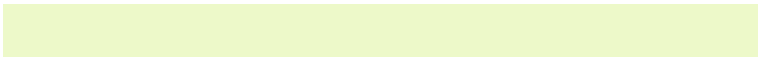
■ 36.4167, 71.7914,
14.9863

■ 36.2402, 71.7121,
14.4487

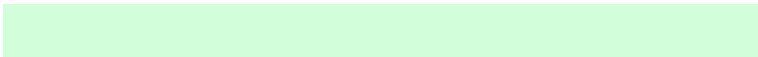
Harmonies

Analogous

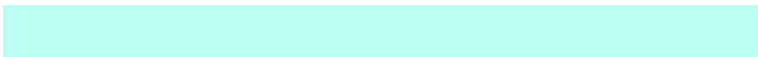
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6301, 90.2836, 68.5909



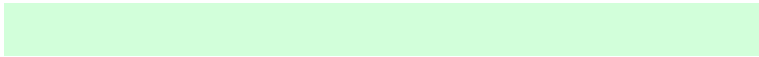
74.9932, 90.2836, 79.8036



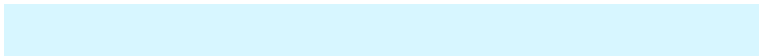
73.2323, 90.2836, 97.3526

Triad

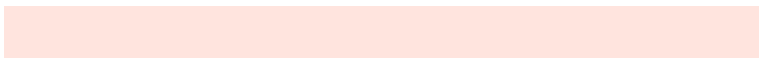
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9932, 90.2836, 79.8036



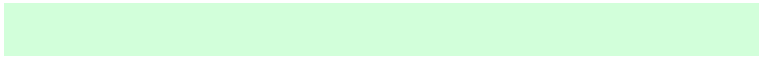
85.4792, 90.2836, 141.3419



97.9874, 90.2836, 81.2502

Complementary

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



74.9932, 90.2836, 79.8036



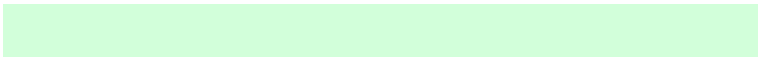
81.0753, 74.0692, 98.0188

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.



99.7553, 90.2836, 99.2606



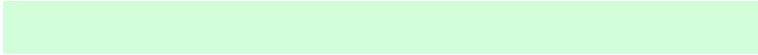
74.9932, 90.2836, 79.8036



92.3055, 90.2836, 135.5541

Square

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



74.9932, 90.2836, 79.8036



79.0825, 90.2836, 134.3756



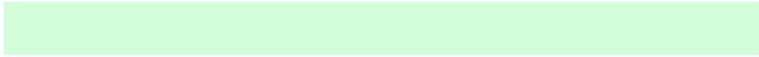
97.6239, 90.2836, 119.4619



92.9126, 90.2836, 69.3442

Rectangle

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



74.9932, 90.2836, 79.8036



73.8505, 90.2836, 110.8872



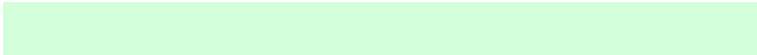
97.6239, 90.2836, 119.4619



98.9997, 90.2836, 86.7098

Sweetspot

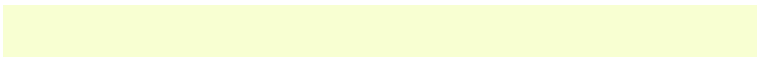
The Sweet Spot groups the original color and five complimentary colors.



74.9939, 90.2839, 79.8050



88.8716, 97.0046, 100.0398



85.9275, 96.0384, 74.9821



18.8431, 20.6762, 21.1546



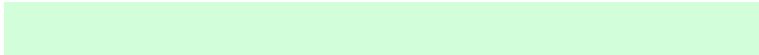
0.0000, 0.0000, 0.0000



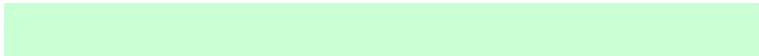
20.3446, 21.4041, 23.3091

Same Dimension

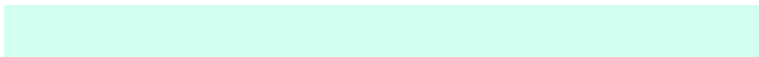
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9939, 90.2839, 79.8050



71.7228, 88.7017, 74.9499



78.0670, 91.5131, 95.9877



17.9034, 20.2209, 19.7942



18.9742, 37.4863, 7.7492



1.8817, 3.6636, 0.9348

Inverse Universe

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



81.0753, 74.0692, 98.0188



78.7864, 69.8653, 96.1029



77.8777, 72.7902, 81.1801



18.6459, 18.2417, 22.0184



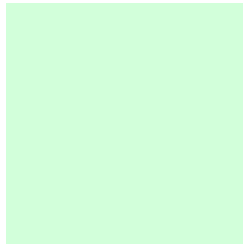
27.6556, 13.5515, 33.1667



2.7274, 1.3333, 3.4117

Previews

White Background



This preview shows how the XYZ color 74.9932, 90.2836, 79.8036 looks on a white background.

Color Contrast Check

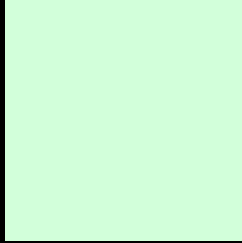
Large Text (above 18pt) WCAG AA × Fail

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 74.9932, 90.2836, 79.8036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

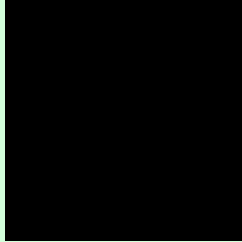
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

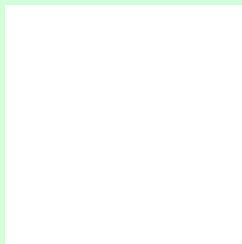
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9932, 90.2836, 79.8036

Background



This preview shows how black text looks on a background with the XYZ color 74.9932, 90.2836, 79.8036.



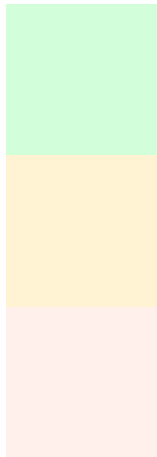
This preview shows how white text looks on a background with the XYZ color 74.9932, 90.2836,

79.8036.

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

74.9932, 90.2836, 79.8036

Protanopia

85.1743, 90.1147, 75.1921

Deuteranopia

87.5404, 89.6363, 92.0445



Tritanopia

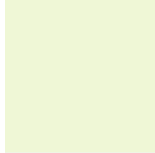
83.9811, 89.6806, 107.4916

Trichromacy



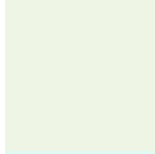
Original Color

74.9932, 90.2836, 79.8036



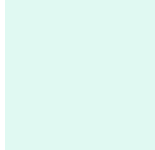
Protanomaly

80.9950, 89.7273, 76.6685



Deuteranomaly

82.3919, 89.3127, 87.0253



Tritanomaly

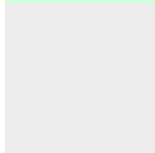
80.6432, 90.0095, 97.1276

Monochromacy



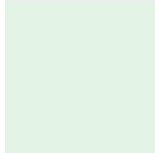
Original Color

74.9932, 90.2836, 79.8036



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.3122, 86.7454, 87.4790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9932, 90.2836, 79.8036 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(210, 255, 218)` looks like.

```
.text, #text, p{  
    color:rgb(210, 255, 218)  
}
```

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(210, 255, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 255, 218) }
```

Border

The CSS property to change the border of an element to XYZ 74.9932, 90.2836, 79.8036 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(210, 255, 218) }
```


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

```
.border{ border-color:rgb(210, 255, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 255, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 255, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 255, 218);  
box-shadow:4px 4px 4px 4px rgb(210, 255,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9932, 90.2836, 79.8036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 255, 218) }
```

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

```
.background{ background-color: rgb(210,  
255, 218) }
```

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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