

Converting Colors

XYZ(75.0258, 90.1696, 85.7117)

Have a look what the booklet for
XYZ(75.0258, 90.1696, 85.7117)
contains.

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Color

**XYZ(74.9411, 90.1328,
85.3991)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | CEFFE2 |
| RGB | 206, 255, 226 |
| RGB Percent | 81%, 100%, 89% |
| CMY | 0.1921, 0.0000, 0.1137 |
| CMYK | 0.19, 0.00, 0.11, 0.00 |
| HSL | 144°, 100%, 90% |
| HSV | 144°, 19%, 100% |
| XYZ | 74.9411, 90.1328, 85.3991 |
| YIQ | 237.0430, -19.8950, -19.4070 |

Conversions

Conversions Part 2

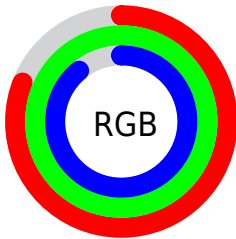
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 206, 241, 255 |
| Decimal | 13565922 |
| CIE Lab | 96.05, -21.07, 8.75 |
| CIE LCh | 96, 22.810, 157.442 |
| Yxy | 90.1328, 0.2992, 0.3599 |
| Android (android.graphics.Color) | 4291756002 (0xFFCEFFE2) |
| YUV | 237.0430, -5.4442, -27.2247 |
| Hunter-Lab | 94.9383, -25.2401, 13.1241 |

Details

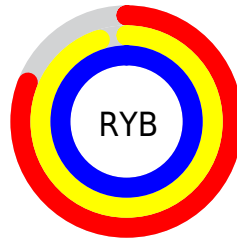
The XYZ color **74.9411, 90.1328, 85.3991** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.3072, 71.4017, 88.2519**, and the grayscale version is **80.5806, 84.7771, 92.3222**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3073, 49.9078, 46.0368** is the 20% darker color. If you saturate the color by 10%, you get **66.4461, 85.9823, 74.6634**, and if you desaturate by 10%, it is **84.7684, 94.9490, 97.1515**.

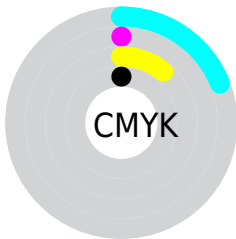
Distribution



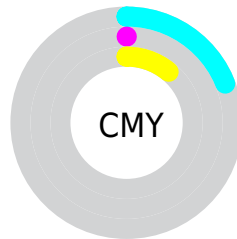
- Red (81%)
- Green (100%)
- Blue (89%)



- Red (81%)
- Yellow (95%)
- Blue (100%)



- Cyan (19%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (19%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.9411, 90.1328, 85.3991 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 74.9411, 90.1328, 85.3991 by changing the saturation by 10% instead.


 74.9411, 90.1328,
85.3991

 74.9411, 90.1328,
85.3991


466.7154,
528.4627, 533.1267

 55.8586, 68.0908,
63.6192


125.2173,
147.5228, 142.8098

 40.3262, 49.9716,
45.8981


157.1418,
183.6397, 179.2775

 27.9783, 35.3908,
31.8173

194.0777,
225.2169, 221.4784

 18.4497, 23.9641,
20.9583

236.3903,
272.6389, 269.8307

 11.3749, 15.3070,
12.9026

284.4451,
326.2901, 324.7532

 6.3888, 9.0351,
7.2316

338.6072,

 3.1258, 4.7641,

386.5549, 386.6644

3.5267

399.2422,
453.8176, 455.9827

■ 1.2206, 2.1095,
1.3695

■ 0.1226, 0.6700,
0.1177

■ 74.9411, 90.1328,
85.3991

■ 74.9411, 90.1328,
85.3991

■ 66.4461, 85.9823,
74.6634

■ 84.7684, 94.9490,
97.1515

■ 59.2212, 82.4661,
64.9130

95.0500, 100.0000,
108.9000

■ 53.2023, 79.5516,
56.1207

■ 48.3188, 77.2030,
48.2568

■ 44.4922, 75.3806,
41.2897

■ 41.6335, 74.0390,
35.1861

■ 39.6376, 73.1248,
29.9101

■ 38.3488, 72.5584,
25.4217

■ 38.2631, 72.5212,
25.1009

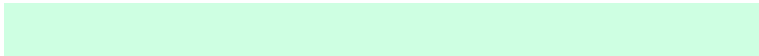
Harmonies

Analogous

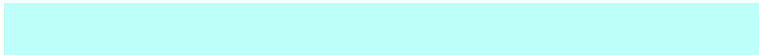
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.4990, 90.1328, 73.0461



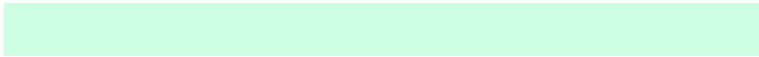
74.9411, 90.1328, 85.3991



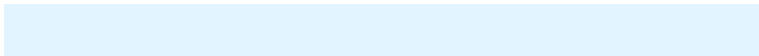
74.1878, 90.1328, 102.7112

Triad

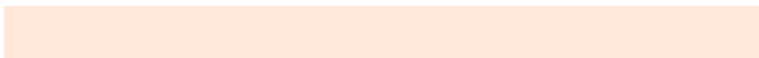
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9411, 90.1328, 85.3991



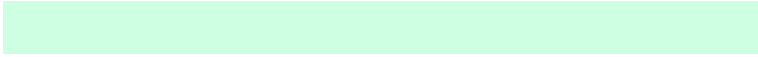
87.2504, 90.1328, 136.8012



95.6714, 90.1328, 78.4861

Complementary

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



74.9411, 90.1328, 85.3991



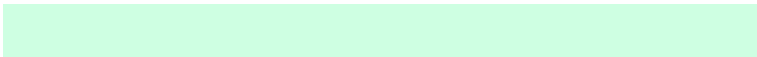
78.3072, 71.4017, 88.2519

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.



98.2765, 90.1328, 93.7052



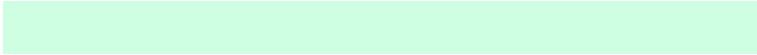
74.9411, 90.1328, 85.3991



93.2618, 90.1328, 128.4071

Square

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



74.9411, 90.1328, 85.3991



81.0962, 90.1328, 133.8692



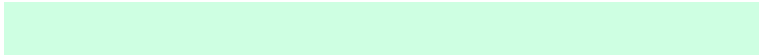
97.3737, 90.1328, 112.0875



90.4096, 90.1328, 69.4101

Rectangle

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



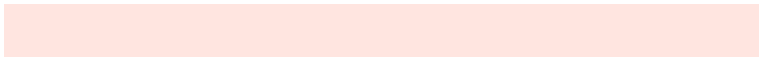
74.9411, 90.1328, 85.3991



75.3417, 90.1328, 115.0470



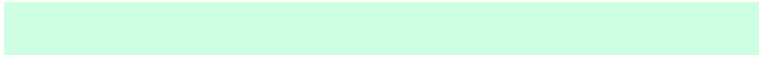
97.3737, 90.1328, 112.0875



96.8983, 90.1328, 82.9750

Sweetspot

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



74.9419, 90.1332, 85.4005



88.2195, 96.6433, 101.1490



81.2943, 93.7068, 72.1963



18.7300, 20.6107, 21.4743



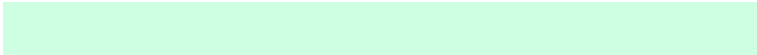
0.0000, 0.0000, 0.0000



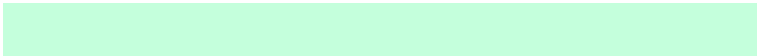
20.3446, 21.4041, 23.3091

Same Dimension

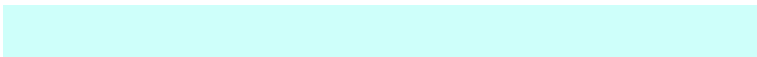
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9419, 90.1332, 85.4005



71.5728, 88.4854, 81.2186



78.4852, 91.5505, 104.0593



18.0789, 20.2911, 20.7185



20.0628, 37.9217, 13.4821



2.0060, 3.7133, 1.5896

Inverse Universe

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



78.3072, 71.4017, 88.2519



75.4913, 66.6709, 84.5359



75.0573, 70.1018, 71.1385



18.4605, 18.1675, 21.0423



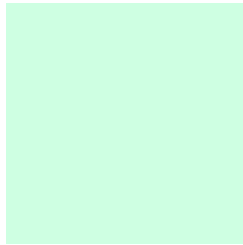
24.5399, 12.3052, 16.7594



2.4436, 1.2198, 1.9175

Previews

White Background



This preview shows how the XYZ color 74.9411, 90.1328, 85.3991 looks on a white background.

Color Contrast Check

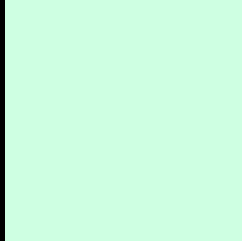
Large Text (above 18pt) WCAG AA × Fail

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 74.9411, 90.1328, 85.3991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

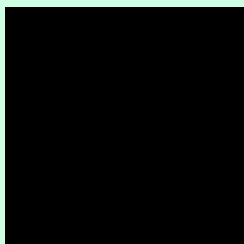
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

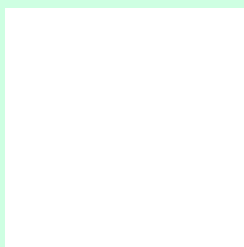
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9411, 90.1328, 85.3991

Background



This preview shows how black text looks on a background with the XYZ color 74.9411, 90.1328, 85.3991.



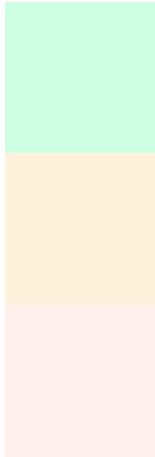
This preview shows how white text looks on a background with the XYZ color 74.9411, 90.1328,

85.3991.

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

74.9411, 90.1328, 85.3991

Protanopia

85.0463, 89.5014, 79.8109

Deuteranopia

87.8327, 89.7532, 93.5837



Tritanopia

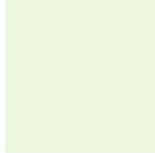
83.6389, 89.9545, 107.5625

Trichromacy



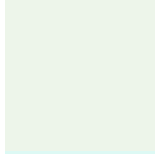
Original Color

74.9411, 90.1328, 85.3991



Protanomaly

81.0377, 89.6283, 82.1361



Deuteranomaly

82.4287, 89.2499, 90.7244



Tritanomaly

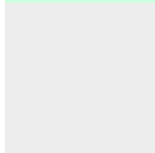
80.0236, 89.6552, 98.6754

Monochromacy



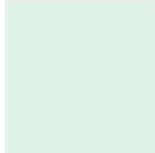
Original Color

74.9411, 90.1328, 85.3991



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.4227, 86.7533, 89.7025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9411, 90.1328, 85.3991 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(206, 255, 226)` looks like.

```
.text, #text, p{  
    color:rgb(206, 255, 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(206, 255, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 255, 226) }
```

Border

The CSS property to change the border of an element to XYZ 74.9411, 90.1328, 85.3991 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(206, 255, 226) }
```


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

```
.border{ border-color:rgb(206, 255, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 255, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 255, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 255, 226);  
box-shadow:4px 4px 4px 4px rgb(206, 255,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9411, 90.1328, 85.3991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 255, 226) }
```

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

```
.background{ background-color: rgb(206,  
255, 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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