

Converting Colors

XYZ(75.1886, 86.8929, 90.1567)

Have a look what the booklet for
XYZ(75.1886, 86.8929, 90.1567)
contains.

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Color

**XYZ(75.1394, 86.8669,
89.8975)**

Conversions

Conversions Part 1

Format	Color
Hex	D3F8E9
RGB	211, 248, 233
RGB Percent	83%, 97%, 91%
CMY	0.1725, 0.0274, 0.0863
CMYK	0.15, 0.00, 0.06, 0.03
HSL	156°, 73%, 90%
HSV	156°, 15%, 97%
XYZ	75.1394, 86.8669, 89.8975
YIQ	235.2270, -17.2370, -12.5090

Conversions

Conversions Part 2

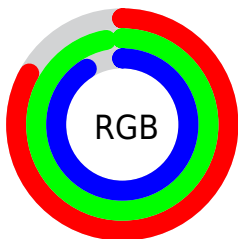
Format	Color
R _Y B	211, 234, 248
Decimal	13891817
CIE Lab	94.68, -14.75, 3.20
CIE LCh	95, 15.097, 167.743
Yxy	86.8669, 0.2983, 0.3448
Android (android.graphics.Color)	4292081897 (0xFFD3F8E9)
YUV	235.2270, -1.0979, -21.2471
Hunter-Lab	93.2024, -19.1983, 8.0541

Details

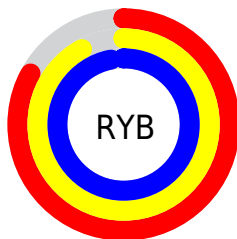
The XYZ color **75.1394, 86.8669, 89.8975** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.7363, 72.0383, 81.8686**, and the grayscale version is **79.1581, 83.2805, 90.6924**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4958, 47.9415, 48.7143** is the 20% darker color. If you saturate the color by 10%, you get **67.1797, 82.9272, 82.2397**, and if you desaturate by 10%, it is **84.2820, 91.4117, 98.0417**.

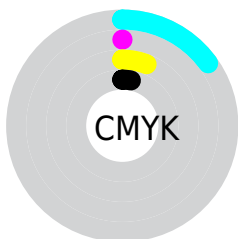
Distribution



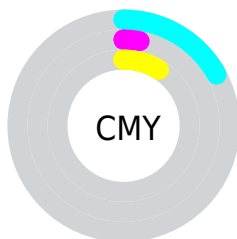
- Red (83%)
- Green (97%)
- Blue (91%)



- Red (83%)
- Yellow (92%)
- Blue (97%)



- Cyan (15%)
- Magenta (0%)
- Yellow (6%)
- Black (3%)



- Cyan (17%)
- Magenta (3%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1394, 86.8669, 89.8975 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 75.1394, 86.8669, 89.8975 by changing the saturation by 10% instead.

75.1394, 86.8669,
89.8975

75.1394, 86.8669,
89.8975

467.3864,
517.7854, 548.2589

56.0217, 65.3851,
67.3224

125.4965,
142.9786, 149.1303

40.4574, 47.7734,
48.8834

157.4666,
178.3773, 186.6250

28.0811, 33.6475,
34.1621

194.4516,
219.1837, 229.9301

18.5276, 22.6229,
22.7398

236.8167,
265.7822, 279.4640

11.4314, 14.3153,
14.1980

284.9274,
318.5572, 335.6453

6.4272, 8.3403,
8.1182

339.1490,

3.1497, 4.3135,

377.8932, 398.8925

4.0818

399.8469,
444.1744, 469.6242

■ 1.2334, 1.8504,
1.6703

■ 0.1325, 0.5183,
0.3403

■ 75.1394, 86.8669,
89.8975

■ 75.1394, 86.8669,
89.8975

■ 67.1797, 82.9272,
82.2397

■ 84.2820, 91.4117,
98.0417

■ 60.3442, 79.5554,
75.0530

■ 92.5567, 95.4971,
106.5777

■ 54.5800, 76.7266,
68.3296

■ 92.8590, 95.6181,
108.1697

■ 49.8267, 74.4101,
62.0592

■ 46.0179, 72.5716,
56.2311

■ 43.0788, 71.1729,
50.8338

■ 40.9224, 70.1692,
45.8553

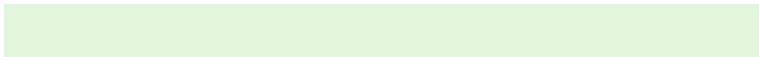
■ 39.4423, 69.5058,
41.2821

■ 38.8707, 69.2587,
39.1079

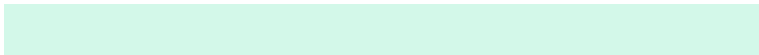
Harmonies

Analogous

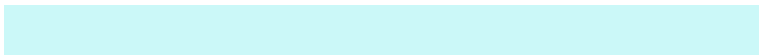
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.8979, 86.8669, 80.2772



75.1394, 86.8669, 89.8975



75.3219, 86.8669, 101.5906

Triad

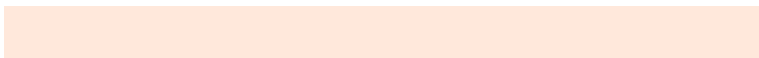
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1394, 86.8669, 89.8975



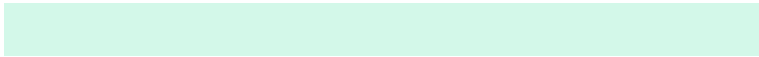
84.9762, 86.8669, 117.6144



87.9480, 86.8669, 78.9227

Complementary

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



75.1394, 86.8669, 89.8975



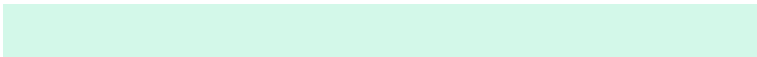
75.7363, 72.0383, 81.8686

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.



90.2568, 86.8669, 87.9059



75.1394, 86.8669, 89.8975



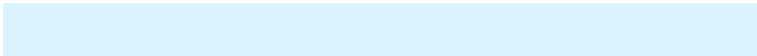
88.5026, 86.8669, 110.4954

Square

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



75.1394, 86.8669, 89.8975



80.9116, 86.8669, 118.2587



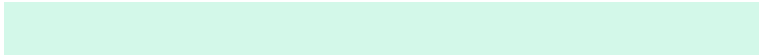
90.4631, 86.8669, 99.4291



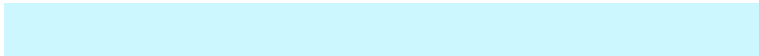
84.2395, 86.8669, 74.2995

Rectangle

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



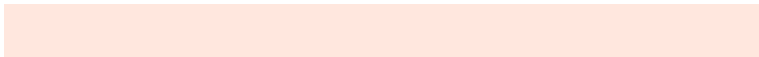
75.1394, 86.8669, 89.8975



76.5202, 86.8669, 109.0002



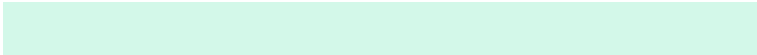
90.4631, 86.8669, 99.4291



88.9188, 86.8669, 81.4972

Sweetspot

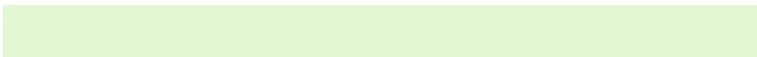
The Sweet Spot groups the original color and five complimentary colors.



75.1418, 86.8705, 89.8994



90.7376, 97.8530, 105.2598



76.8231, 88.0781, 74.5812



19.2531, 20.8607, 22.3854



0.0000, 0.0000, 0.0000



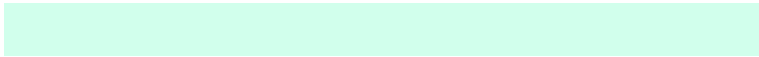
20.3446, 21.4041, 23.3091

Same Dimension

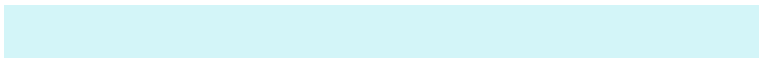
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1418, 86.8705, 89.8994



77.2797, 91.1687, 93.1779



76.4374, 85.8843, 101.3599



17.4505, 19.4825, 20.5731



21.0683, 37.4403, 21.5007



2.0038, 3.4886, 2.2679

Inverse Universe

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



75.7363, 72.0383, 81.8686



78.0285, 72.4954, 83.0690



74.5397, 72.7972, 71.7520



17.5363, 17.3419, 19.4138



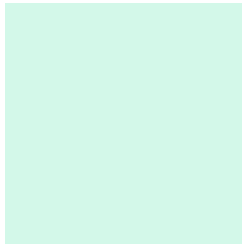
22.2343, 11.3094, 7.9421



2.1103, 1.0678, 1.0041

Previews

White Background



This preview shows how the XYZ color 75.1394, 86.8669, 89.8975 looks on a white background.

Color Contrast Check

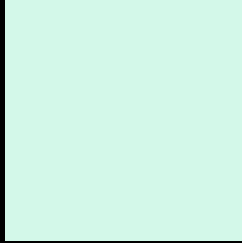
Large Text (above 18pt) WCAG AA × Fail

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 75.1394, 86.8669, 89.8975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

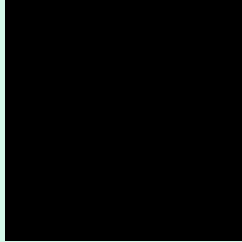
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

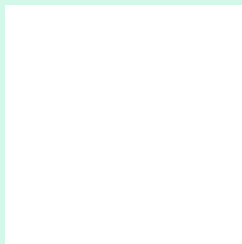
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1394, 86.8669, 89.8975

Background



This preview shows how black text looks on a background with the XYZ color 75.1394, 86.8669, 89.8975.



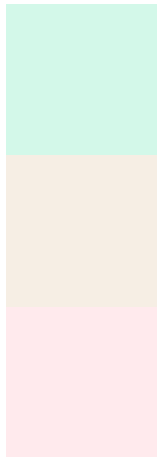
This preview shows how white text looks on a background with the XYZ color 75.1394, 86.8669,

89.8975.

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

75.1394, 86.8669, 89.8975

Protanopia

82.5842, 86.3433, 85.7121

Deuteranopia

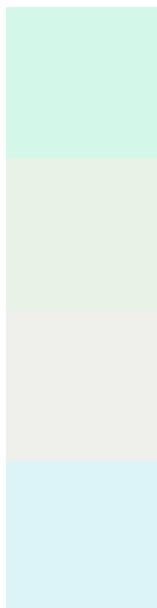
85.9489, 86.2201, 92.2329



Tritanopia

80.8535, 86.7318, 107.0872

Trichromacy



Original Color

75.1394, 86.8669, 89.8975

Protanomaly

79.6393, 86.5411, 87.3696

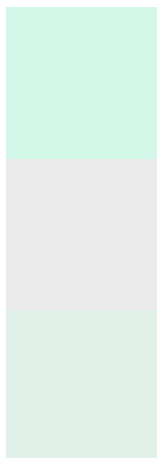
Deuteranomaly

81.6034, 86.1399, 91.6826

Tritanomaly

78.6544, 86.6324, 100.5719

Monochromacy



Original Color

75.1394, 86.8669, 89.8975

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.3754, 84.4294, 90.0603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1394, 86.8669, 89.8975 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(211, 248, 233)` looks like.

```
.text, #text, p{  
    color:rgb(211, 248, 233)  
}
```

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(211, 248, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 248, 233) }
```

Border

The CSS property to change the border of an element to XYZ 75.1394, 86.8669, 89.8975 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(211, 248, 233) }
```


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

```
.border{ border-color:rgb(211, 248, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 248, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 248, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 248, 233);  
box-shadow:4px 4px 4px 4px rgb(211, 248,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1394, 86.8669, 89.8975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 248, 233) }
```

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

```
.background{ background-color: rgb(211,  
248, 233) }
```

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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