

Converting Colors

XYZ(74.4812, 84.8723, 86.3857)

Have a look what the booklet for
XYZ(74.4812, 84.8723, 86.3857)
contains.

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Color

**XYZ(74.5179, 84.8056,
86.5703)**

Conversions

Conversions Part 1

Format	Color
Hex	D7F4E5
RGB	215, 244, 229
RGB Percent	84%, 96%, 90%
CMY	0.1569, 0.0431, 0.1020
CMYK	0.12, 0.00, 0.06, 0.04
HSL	149°, 57%, 90%
HSV	149°, 12%, 96%
XYZ	74.5179, 84.8056, 86.5703
YIQ	233.6190, -12.4690, -10.8130

Conversions

Conversions Part 2

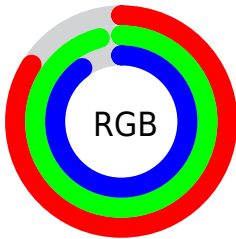
Format	Color
R _{YB}	215, 235, 244
Decimal	14152933
CIE Lab	93.80, -12.23, 4.03
CIE LCh	94, 12.873, 161.770
Yxy	84.8056, 0.3030, 0.3449
Android (android.graphics.Color)	4292343013 (0xFFD7F4E5)
YUV	233.6190, -2.2772, -16.3289
Hunter-Lab	92.0900, -16.7177, 8.7267

Details

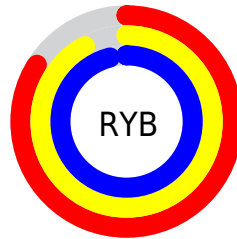
The XYZ color **74.5179, 84.8056, 86.5703** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.8947, 73.5494, 85.0633**, and the grayscale version is **77.9441, 82.0033, 89.3016**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1204, 46.4960, 46.9045** is the 20% darker color. If you saturate the color by 10%, you get **66.1818, 80.7068, 77.3129**, and if you desaturate by 10%, it is **84.0555, 89.5137, 96.5565**.

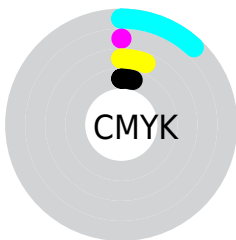
Distribution



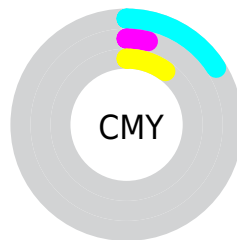
- Red (84%)
- Green (96%)
- Blue (90%)



- Red (84%)
- Yellow (92%)
- Blue (96%)



- Cyan (12%)
- Magenta (0%)
- Yellow (6%)
- Black (4%)



- Cyan (16%)
- Magenta (4%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5179, 84.8056, 86.5703 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 74.5179, 84.8056, 86.5703 by changing the saturation by 10% instead.

74.5179, 84.8056,
86.5703

74.5179, 84.8056,
86.5703

465.2816,
510.9846, 537.0893

55.5108, 63.6808,
64.5821

124.6213,
140.1015, 144.4586

40.0463, 46.3922,
46.6731

156.4482,
175.0414, 181.1958

27.7590, 32.5554,
32.4248

193.2792,
215.3551, 223.6864

18.2836, 21.7861,
21.4187

235.4796,
261.4270, 272.3490

11.2547, 13.6998,
13.2362

283.4146,
313.6415, 327.6020

6.3070, 7.9122,
7.4587

337.4497,

3.0751, 4.0388,

372.3830, 389.8640

3.6678

397.9503,
438.0359, 459.5536

■ 1.1936, 1.6953,
1.4450

■ 0.1013, 0.4206,
0.1764

■ 74.5179, 84.8056,
86.5703

■ 74.5179, 84.8056,
86.5703

■ 66.1818, 80.7068,
77.3129

■ 84.0555, 89.5137,
96.5565

■ 58.9902, 77.1813,
68.7622

■ 91.5212, 93.1362,
107.1266

■ 52.8921, 74.2052,
60.9030

■ 91.6423, 93.1846,
107.7641

■ 47.8296, 71.7492,
53.7174

■ 43.7392, 69.7808,
47.1869

■ 40.5500, 68.2639,
41.2916

■ 38.1808, 67.1570,
36.0110

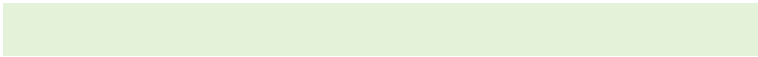
■ 36.5344, 66.4103,
31.3225

■ 35.6093, 66.0074,
27.9351

Harmonies

Analogous

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



76.3026, 84.8056, 78.9900



74.5179, 84.8056, 86.5703



74.3360, 84.8056, 96.2348

Triad

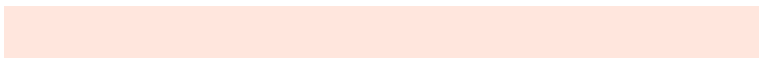
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5179, 84.8056, 86.5703



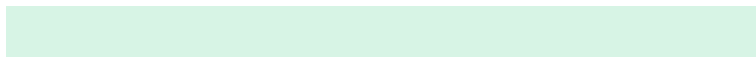
81.9543, 84.8056, 112.0350



85.6110, 84.8056, 80.3505

Complementary

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



74.5179, 84.8056, 86.5703



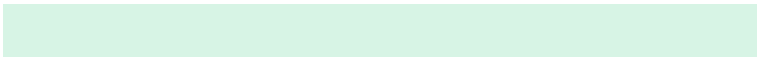
75.8947, 73.5494, 85.0633

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.



87.2173, 84.8056, 88.5496



74.5179, 84.8056, 86.5703



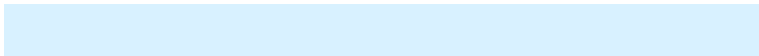
85.0665, 84.8056, 107.1129

Square

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



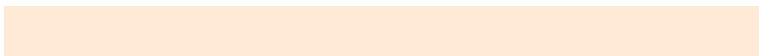
74.5179, 84.8056, 86.5703



78.5650, 84.8056, 111.4111



87.0153, 84.8056, 98.3582



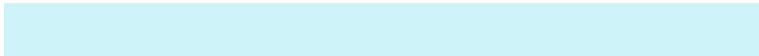
82.6804, 84.8056, 75.5778

Rectangle

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



74.5179, 84.8056, 86.5703



75.1415, 84.8056, 102.6161



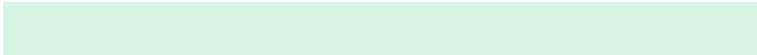
87.0153, 84.8056, 98.3582



86.3274, 84.8056, 82.7718

Sweetspot

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



74.5203, 84.8092, 86.5722



90.5584, 97.7813, 104.3161



77.4026, 86.5119, 76.9102



19.2077, 20.8426, 22.1466



0.0000, 0.0000, 0.0000



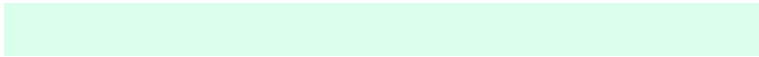
20.3446, 21.4041, 23.3091

Same Dimension

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



74.5203, 84.8092, 86.5722



80.2815, 92.7138, 93.4272



76.5607, 85.6253, 97.3167



16.6154, 18.6053, 19.2593



19.4298, 35.9167, 15.5488



1.7594, 3.1774, 1.6387

Inverse Universe

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



75.8947, 73.5494, 85.0633



82.0484, 78.2391, 91.4874



74.0016, 72.7921, 75.0945



16.8571, 16.6257, 18.9940



22.4112, 11.3079, 12.1394



2.0217, 1.0146, 1.3405

Previews

White Background



This preview shows how the XYZ color 74.5179, 84.8056, 86.5703 looks on a white background.

Color Contrast Check

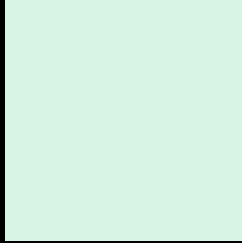
Large Text (above 18pt) WCAG AA × Fail

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 74.5179, 84.8056, 86.5703 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

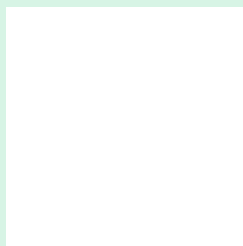
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5179, 84.8056, 86.5703

Background



This preview shows how black text looks on a background with the XYZ color 74.5179, 84.8056, 86.5703.



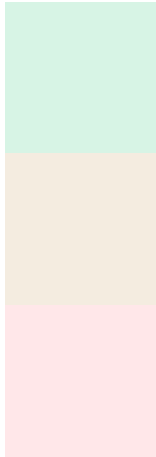
This preview shows how white text looks on a background with the XYZ color 74.5179, 84.8056,

86.5703.

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

74.5179, 84.8056, 86.5703

Protanopia

80.7582, 84.6058, 82.5952

Deuteranopia

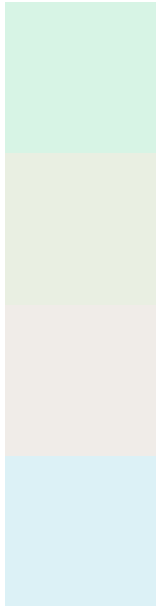
84.5239, 84.2950, 88.9065



Tritanopia

79.3479, 84.6410, 106.7630

Trichromacy



Original Color

74.5179, 84.8056, 86.5703

Protanomaly

78.1982, 84.5476, 84.1493

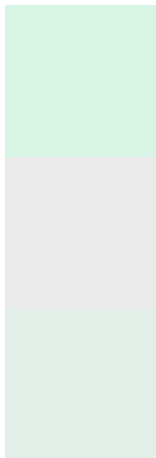
Deuteranomaly

80.4961, 84.3424, 88.3810

Tritanomaly

77.6050, 84.7801, 99.4627

Monochromacy



Original Color

74.5179, 84.8056, 86.5703

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

76.8186, 83.3062, 88.3749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5179, 84.8056, 86.5703 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(215, 244, 229)` looks like.

```
.text, #text, p{  
    color:rgb(215, 244, 229)  
}
```

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(215, 244, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 244, 229) }
```

Border

The CSS property to change the border of an element to XYZ 74.5179, 84.8056, 86.5703 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(215, 244, 229) }
```


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

```
.border{ border-color:rgb(215, 244, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 244, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 244, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 244, 229);  
box-shadow:4px 4px 4px 4px rgb(215, 244,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5179, 84.8056, 86.5703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 244, 229) }
```

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

```
.background{ background-color: rgb(215,  
244, 229) }
```

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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