

Converting Colors

XYZ(74.1982, 86.4116, 84.9450)

Have a look what the booklet for
XYZ(74.1982, 86.4116, 84.9450)
contains.

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Color

**XYZ(74.1588, 86.4747,
84.7342)**

Conversions

Conversions Part 1

Format	Color
Hex	D3F8E2
RGB	211, 248, 226
RGB Percent	83%, 97%, 89%
CMY	0.1725, 0.0274, 0.1137
CMYK	0.15, 0.00, 0.09, 0.03
HSL	144°, 73%, 90%
HSV	144°, 15%, 97%
XYZ	74.1588, 86.4747, 84.7342
YIQ	234.4290, -14.9900, -14.6860

Conversions

Conversions Part 2

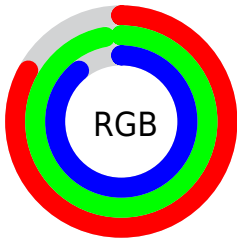
Format	Color
R_{YB}	211, 237, 248
Decimal	13891810
CIE _{Lab}	94.51, -16.05, 6.58
CIE _{LCh}	95, 17.350, 157.711
Y _{xy}	86.4747, 0.3022, 0.3524
Android (android.graphics.Color)	4292081890 (0xFFD3F8E2)
YUV	234.4290, -4.1555, -20.5472
Hunter-Lab	92.9918, -20.3860, 11.0691

Details

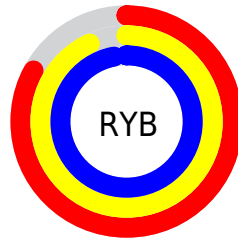
The XYZ color **74.1588, 86.4747, 84.7342** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.7167, 72.4302, 87.0317**, and the grayscale version is **78.5725, 82.6643, 90.0215**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9106, 47.7075, 45.6330** is the 20% darker color. If you saturate the color by 10%, you get **65.6575, 82.3184, 74.2241**, and if you desaturate by 10%, it is **83.9352, 91.2730, 96.2162**.

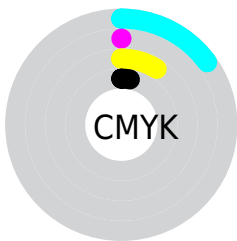
Distribution



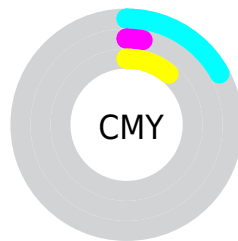
- Red (83%)
- Green (97%)
- Blue (89%)



- Red (83%)
- Yellow (93%)
- Blue (97%)



- Cyan (15%)
- Magenta (0%)
- Yellow (9%)
- Black (3%)





- Cyan (17%)
- Magenta (3%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.1588, 86.4747, 84.7342 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 74.1588, 86.4747, 84.7342 by changing the saturation by 10% instead.


 74.1588, 86.4747,
84.7342

 74.1588, 86.4747,
84.7342


464.0631,
516.4952, 530.8698

 55.2158, 65.0606,
63.0729


124.1152,
142.4317, 141.8726

 39.8090, 47.5102,
45.4588


155.8592,
177.7434, 178.1868

 27.5732, 33.4392,
31.4734


192.6010,
218.4565, 220.2224

 18.1430, 22.4631,
20.6981

234.7059,
264.9552, 268.3979

 11.1530, 14.1976,
12.7144

282.5391,
317.6240, 323.1318

 6.2379, 8.2582,
7.1038

336.4662,

 3.0323, 4.2606,

376.8474, 384.8427

3.4477

396.8524,
443.0096, 453.9492

■ 1.1709, 1.8204,
1.3275

■ 0.0832, 0.4998,
0.0842

■ 74.1588, 86.4747,
84.7342

■ 74.1588, 86.4747,
84.7342

■ 65.6575, 82.3184,
74.2241

■ 83.9352, 91.2730,
96.2162

■ 58.3696, 78.7656,
64.6549

■ 92.8591, 95.6181,
108.1697

■ 52.2389, 75.7903,
56.0020

■ 47.2019, 73.3603,
48.2378

■ 43.1888, 71.4401,
41.3333

■ 40.1208, 69.9898,
35.2574

■ 37.9073, 68.9632,
29.9775

■ 36.4373, 68.3039,
25.4578

■ 35.8953, 68.0686,
23.4393

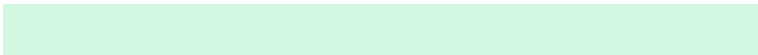
Harmonies

Analogous

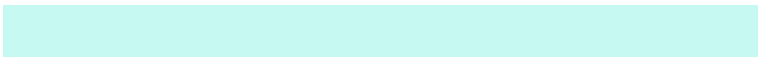
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.8198, 86.4747, 75.2394



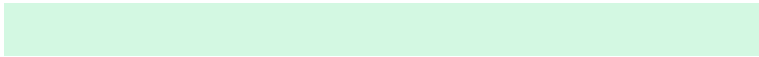
74.1588, 86.4747, 84.7342



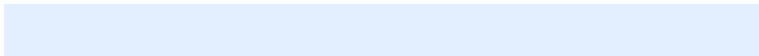
73.6094, 86.4747, 97.6496

Triad

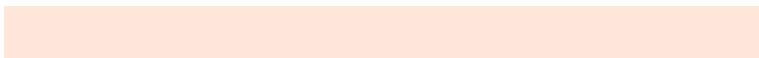
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1588, 86.4747, 84.7342



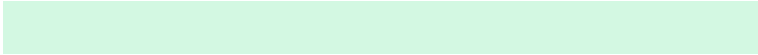
83.4025, 86.4747, 122.0127



89.5030, 86.4747, 79.2838

Complementary

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



74.1588, 86.4747, 84.7342



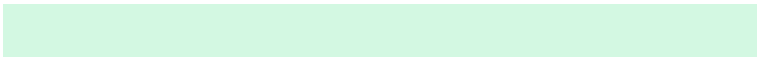
76.7167, 72.4302, 87.0317

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.



91.4162, 86.4747, 90.7472



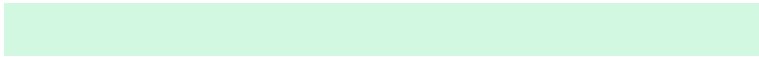
74.1588, 86.4747, 84.7342



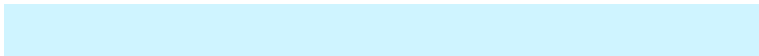
87.8082, 86.4747, 116.0045

Square

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



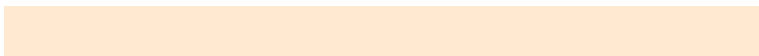
74.1588, 86.4747, 84.7342



78.8323, 86.4747, 120.0160



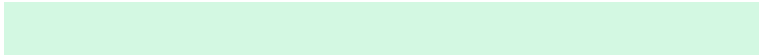
90.7845, 86.4747, 104.2521



85.6451, 86.4747, 72.3066

Rectangle

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



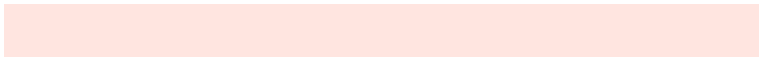
74.1588, 86.4747, 84.7342



74.4946, 86.4747, 106.6300



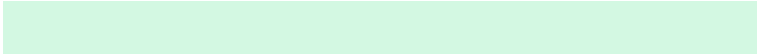
90.7845, 86.4747, 104.2521



90.4014, 86.4747, 82.6953

Sweetspot

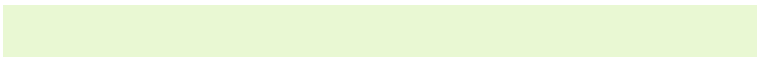
The Sweet Spot groups the original color and five complimentary colors.



74.1612, 86.4783, 84.7361



90.4352, 97.7320, 103.6669



78.9980, 89.1993, 74.6826



19.1765, 20.8301, 21.9824



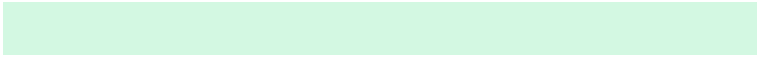
0.0000, 0.0000, 0.0000



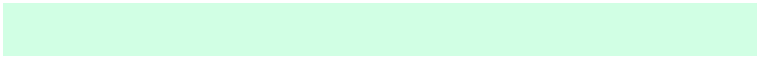
20.3446, 21.4041, 23.3091

Same Dimension

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



74.1612, 86.4783, 84.7361



76.0457, 90.6751, 86.6794



76.8090, 87.5375, 98.6792



17.3090, 19.4259, 19.8277



19.4549, 36.7949, 13.0045



1.8529, 3.4282, 1.4730

Inverse Universe

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



76.7167, 72.4302, 87.0317



79.2626, 72.9890, 89.5676



74.2354, 71.4377, 73.9656



17.6778, 17.3985, 20.1592



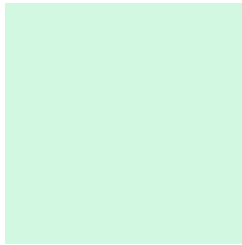
23.8481, 11.9549, 16.4402



2.2613, 1.1282, 1.7992

Previews

White Background



This preview shows how the XYZ color 74.1588, 86.4747, 84.7342 looks on a white background.

Color Contrast Check

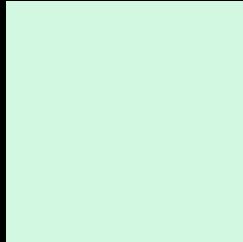
Large Text (above 18pt) WCAG AA × Fail

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 74.1588, 86.4747, 84.7342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

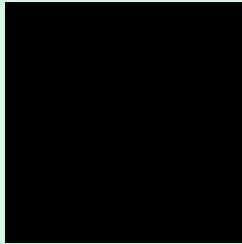
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

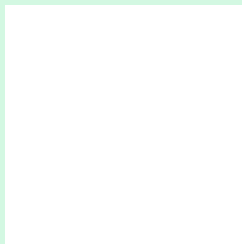
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1588, 86.4747, 84.7342

Background



This preview shows how black text looks on a background with the XYZ color 74.1588, 86.4747, 84.7342.



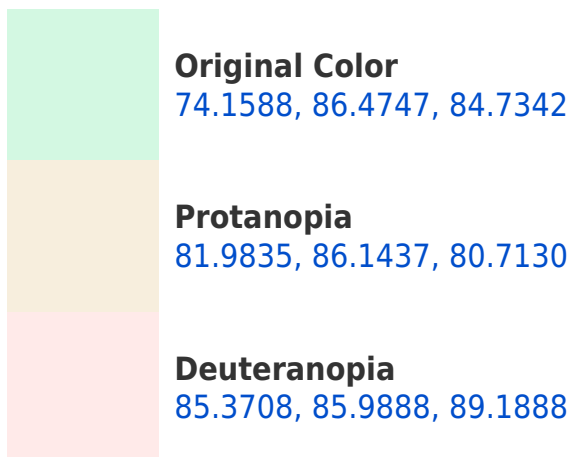
This preview shows how white text looks on a background with the XYZ color 74.1588, 86.4747,

84.7342.

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

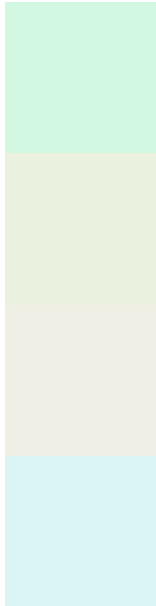




Tritanopia

80.5426, 86.5716, 107.0727

Trichromacy



Original Color

74.1588, 86.4747, 84.7342

Protanomaly

79.0031, 86.3244, 82.3104

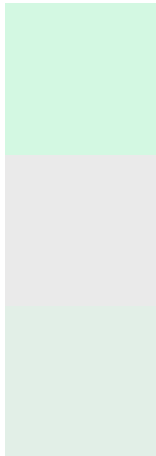
Deuteranomaly

80.7460, 85.7969, 87.1676

Tritanomaly

77.8932, 86.2931, 98.1388

Monochromacy



Original Color

74.1588, 86.4747, 84.7342

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

76.6543, 83.6713, 87.7114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1588, 86.4747, 84.7342 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(211, 248, 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(211, 248, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 248, 226) }
```

Border

The CSS property to change the border of an element to XYZ 74.1588, 86.4747, 84.7342 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, 226) }
```


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

```
.border{ border-color:rgb(211, 248, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 248, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 248, 226);  
box-shadow:4px 4px 4px 4px rgb(211, 248,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1588, 86.4747, 84.7342 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, 226) }
```

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

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