

Converting Colors

XYZ(74.5132, 88.0057, 86.4583)

Have a look what the booklet for
XYZ(74.5132, 88.0057, 86.4583)
contains.

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Color

**XYZ(74.5132, 88.0057,
86.4583)**

Conversions

Conversions Part 1

Format	Color
Hex	D0FB E4
RGB	208, 251, 228
RGB Percent	82%, 98%, 89%
CMY	0.1843, 0.0157, 0.1059
CMYK	0.17, 0.00, 0.09, 0.02
HSL	148°, 84%, 90%
HSV	148°, 17%, 98%
XYZ	74.5132, 88.0057, 86.4583
YIQ	235.5210, -18.2450, -16.2690

Conversions

Conversions Part 2

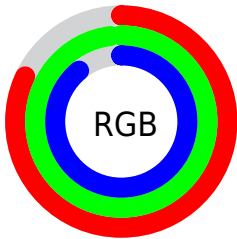
Format	Color
R _Y B	208, 237, 251
Decimal	13695972
CIE Lab	95.16, -18.12, 6.46
CIE LCh	95, 19.233, 160.377
Yxy	88.0057, 0.2993, 0.3535
Android (android.graphics.Color)	4291886052 (0xFFD0FBE4)
YUV	235.5210, -3.7079, -24.1359
Hunter-Lab	93.8114, -22.3895, 11.0252

Details

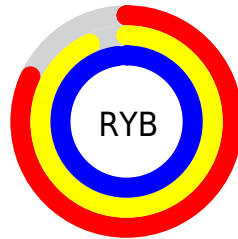
The XYZ color **74.5132, 88.0057, 86.4583** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.7665, 71.3927, 85.3394**, and the grayscale version is **79.4021, 83.5372, 90.9721**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9715, 48.3730, 46.7654** is the 20% darker color. If you saturate the color by 10%, you get **66.2150, 83.9373, 76.7157**, and if you desaturate by 10%, it is **84.0779, 92.7151, 97.0196**.

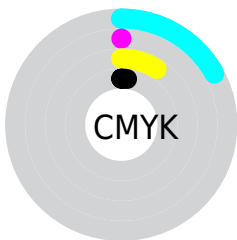
Distribution



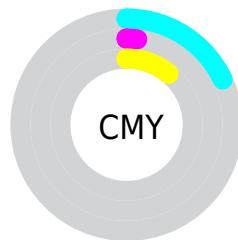
- Red (82%)
- Green (98%)
- Blue (89%)



- Red (82%)
- Yellow (93%)
- Blue (98%)



- Cyan (17%)
- Magenta (0%)
- Yellow (9%)
- Black (2%)





- Cyan (18%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.5132, 88.0057, 86.4583 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 74.5132, 88.0057, 86.4583 by changing the saturation by 10% instead.


 74.5132, 88.0057,
86.4583

 74.5132, 88.0057,
86.4583


465.2657,
521.5219, 536.7111

 55.5069, 66.3278,
64.4900


124.6146,
144.5651, 144.3011

 40.0432, 48.5385,
46.5989


156.4405,
180.2154, 181.0126

 27.7566, 34.2536,
32.3666


193.2703,
221.2919, 223.4755

 18.2818, 23.0885,
21.3745

235.4694,
268.1790, 272.1085

 11.2534, 14.6588,
13.2042

283.4032,
321.2612, 327.3300

 6.3061, 8.5803,
7.4369

337.4369,

 3.0745, 4.4685,

380.9228, 389.5585

3.6542

397.9359,
447.5483, 459.2127

■ 1.1933, 1.9389,
1.4376

■ 0.1011, 0.5716,
0.1708

■ 74.5132, 88.0057,
86.4583

■ 74.5132, 88.0057,
86.4583

■ 66.2150, 83.9373,
76.7157

■ 84.0779, 92.7151,
97.0196

■ 59.1203, 80.4706,
67.7662

■ 93.7656, 97.4684,
108.3571

■ 53.1715, 77.5787,
59.5914

■ 93.7888, 97.4777,
108.4796

■ 48.3034, 75.2283,
52.1698

■ 44.4435, 73.3825,
45.4789

■ 41.5101, 71.9998,
39.4951

■ 39.4079, 71.0312,
34.1928

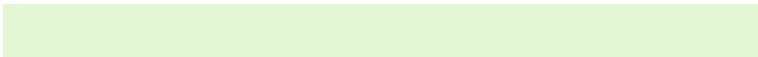
■ 38.0149, 70.4145,
29.5445

■ 37.6943, 70.2759,
28.3266

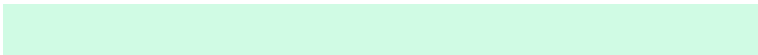
Harmonies

Analogous

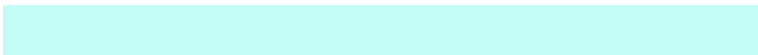
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.2897, 88.0057, 75.4844



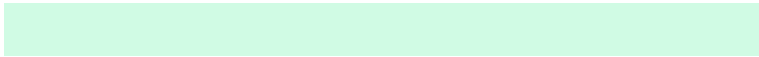
74.5132, 88.0057, 86.4583



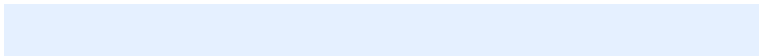
74.1248, 88.0057, 101.1140

Triad

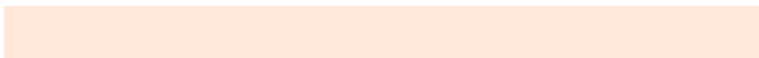
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5132, 88.0057, 86.4583



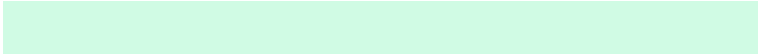
85.4743, 88.0057, 127.0921



91.5572, 88.0057, 78.3238

Complementary

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



74.5132, 88.0057, 86.4583



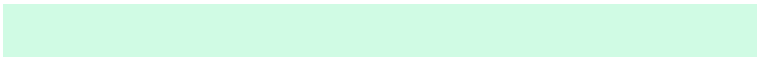
76.7665, 71.3927, 85.3394

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.



93.9511, 88.0057, 90.7203



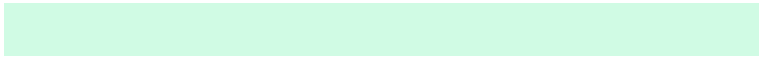
74.5132, 88.0057, 86.4583



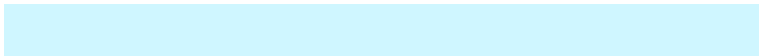
90.3432, 88.0057, 119.5220

Square

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



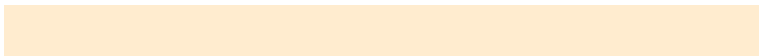
74.5132, 88.0057, 86.4583



80.3095, 88.0057, 125.6448



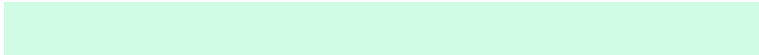
93.4978, 88.0057, 105.8411



87.0753, 88.0057, 71.1384

Rectangle

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



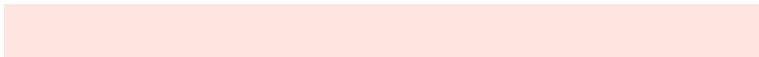
74.5132, 88.0057, 86.4583



75.2543, 88.0057, 111.1641



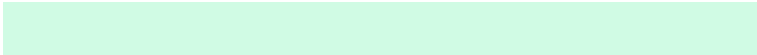
93.4978, 88.0057, 105.8411



92.6411, 88.0057, 81.9630

Sweetspot

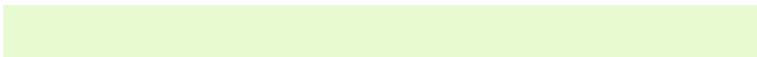
The Sweet Spot groups the original color and five complimentary colors.



74.5156, 88.0094, 86.4603



89.4350, 97.2300, 103.0068



79.0507, 90.6498, 73.0065



18.9798, 20.7309, 21.8741



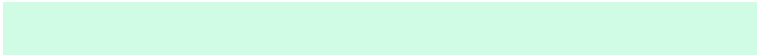
0.0000, 0.0000, 0.0000



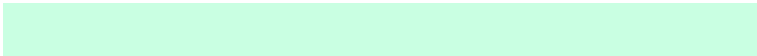
20.3446, 21.4041, 23.3091

Same Dimension

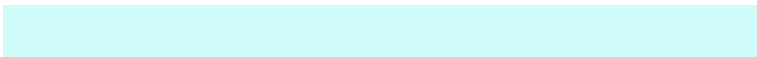
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5156, 88.0094, 86.4603



73.7448, 89.5105, 85.5976



77.5881, 89.2384, 102.6395



17.3533, 19.4436, 20.0610



19.8847, 36.9669, 15.2678



1.8946, 3.4450, 1.6930

Inverse Universe

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



76.7665, 71.3927, 85.3394



76.5280, 68.9619, 84.2104



73.9937, 70.2836, 70.7383



17.6328, 17.3805, 19.9219



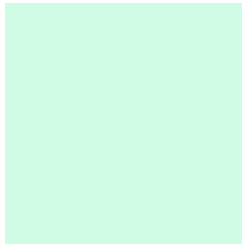
23.2579, 11.7189, 13.3326



2.2077, 1.1068, 1.5169

Previews

White Background



This preview shows how the XYZ color 74.5132, 88.0057, 86.4583 looks on a white background.

Color Contrast Check

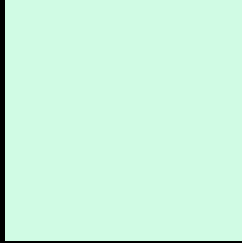
Large Text (above 18pt) WCAG AA × Fail

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 74.5132, 88.0057, 86.4583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

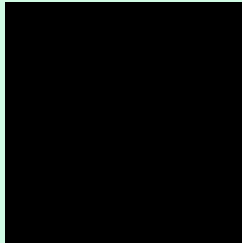
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

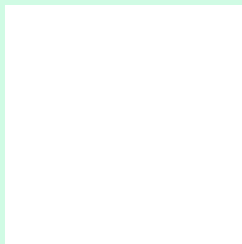
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5132, 88.0057, 86.4583

Background



This preview shows how black text looks on a background with the XYZ color 74.5132, 88.0057, 86.4583.



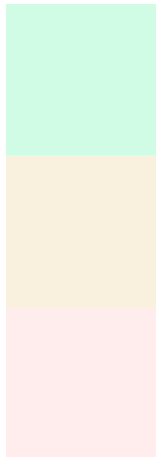
This preview shows how white text looks on a background with the XYZ color 74.5132, 88.0057,

86.4583.

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

74.5132, 88.0057, 86.4583

Protanopia

83.4118, 87.7338, 81.6453

Deuteranopia

86.3758, 87.3070, 91.6563



Tritanopia

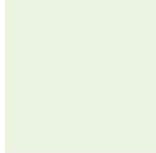
81.4646, 87.4899, 107.2013

Trichromacy



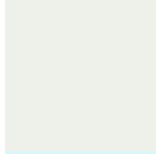
Original Color

74.5132, 88.0057, 86.4583



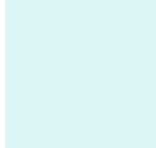
Protanomaly

79.7369, 87.5756, 83.2222



Deuteranomaly

81.4232, 86.9709, 89.5864



Tritanomaly

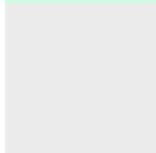
78.6506, 87.5642, 99.1424

Monochromacy



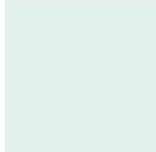
Original Color

74.5132, 88.0057, 86.4583



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.5273, 84.9625, 89.4041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5132, 88.0057, 86.4583 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(208, 251, 228)` looks like.

```
.text, #text, p{  
    color:rgb(208, 251, 228)  
}
```

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(208, 251, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 251, 228) }
```

Border

The CSS property to change the border of an element to XYZ 74.5132, 88.0057, 86.4583 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(208, 251, 228) }
```


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

```
.border{ border-color:rgb(208, 251, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 251, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 251, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 251, 228);  
box-shadow:4px 4px 4px 4px rgb(208, 251,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5132, 88.0057, 86.4583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 251, 228) }
```

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

```
.background{ background-color: rgb(208,  
251, 228) }
```

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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