

Converting Colors

XYZ(74.5591, 85.5725, 86.8440)

Have a look what the booklet for
XYZ(74.5591, 85.5725, 86.8440)
contains.

XYZ(74.5392, 85.7148, 86.7447)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.5392, 85.7148,
86.7447)**

Conversions

Conversions Part 1

Format	Color
Hex	D5F6E5
RGB	213, 246, 229
RGB Percent	84%, 96%, 90%
CMY	0.1647, 0.0353, 0.1020
CMYK	0.13, 0.00, 0.07, 0.04
HSL	149°, 65%, 90%
HSV	149°, 13%, 96%
XYZ	74.5392, 85.7148, 86.7447
YIQ	234.1950, -14.2110, -12.2830

Conversions

Conversions Part 2

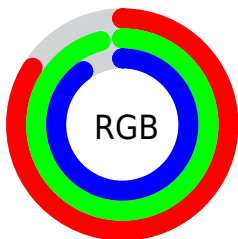
Format	Color
R _Y B	213, 235, 246
Decimal	14022373
CIE Lab	94.19, -13.87, 4.58
CIE LCh	94, 14.604, 161.735
Yxy	85.7148, 0.3018, 0.3470
Android (android.graphics.Color)	4292212453 (0xFFD5F6E5)
YUV	234.1950, -2.5611, -18.5880
Hunter-Lab	92.5823, -18.3063, 9.2560

Details

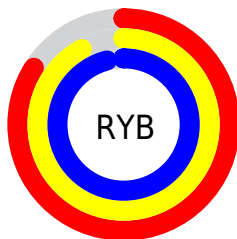
The XYZ color **74.5392, 85.7148, 86.7447** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.0863, 72.8967, 84.9272**, and the grayscale version is **78.3829, 82.4649, 89.8043**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1540, 47.1520, 47.0293** is the 20% darker color. If you saturate the color by 10%, you get **66.2325, 81.6320, 77.4537**, and if you desaturate by 10%, it is **84.0623, 90.4145, 96.7707**.

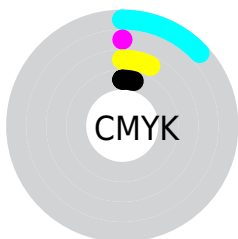
Distribution



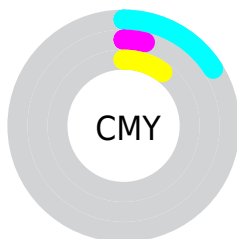
- Red (84%)
- Green (96%)
- Blue (90%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.5392, 85.7148, 86.7447 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 74.5392, 85.7148, 86.7447 by changing the saturation by 10% instead.


 74.5392, 85.7148,
86.7447

 74.5392, 85.7148,
86.7447


465.3539,
513.9903, 537.6780

 55.5283, 64.4322,
64.7255


124.6513,
141.3714, 144.7040

 40.0604, 47.0008,
46.7886


156.4832,
176.5142, 181.4812

 27.7700, 33.0363,
32.5154


193.3194,
217.0458, 224.0148

 18.2920, 22.1542,
21.4874

235.5254,
263.3507, 272.7233

 11.2608, 13.9703,
13.2861

283.4665,
315.8132, 328.0254

 6.3111, 8.1000,
7.4928

337.5080,

 3.0776, 4.1590,

374.8177, 390.3395

3.6891

398.0154,
440.7486, 460.0842

■ 1.1949, 1.7629,
1.4564

■ 0.1024, 0.4639,
0.1851

■ 74.5392, 85.7148,
86.7447

■ 74.5392, 85.7148,
86.7447

■ 66.2325, 81.6320,
77.4537

■ 84.0623, 90.4145,
96.7707

■ 59.0837, 78.1291,
68.8753

■ 92.1430, 94.3530,
107.4159

■ 53.0400, 75.1816,
60.9941

■ 92.2474, 94.3948,
107.9658

■ 48.0416, 72.7591,
53.7919

■ 44.0228, 70.8280,
47.2498

■ 40.9100, 69.3507,
41.3478

■ 38.6182, 68.2838,
36.0647

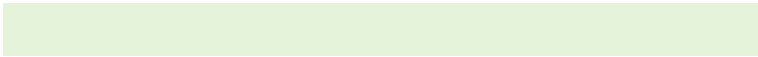
■ 37.0449, 67.5749,
31.3776

■ 36.3029, 67.2530,
28.6032

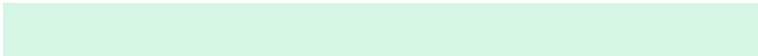
Harmonies

Analogous

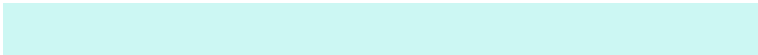
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.5683, 85.7148, 78.1717



74.5392, 85.7148, 86.7447



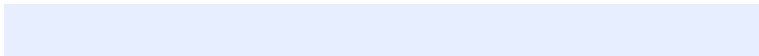
74.3306, 85.7148, 97.7752

Triad

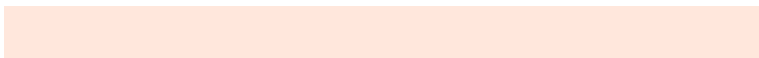
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5392, 85.7148, 86.7447



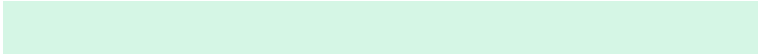
83.0074, 85.7148, 116.0275



87.2070, 85.7148, 79.7220

Complementary

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



74.5392, 85.7148, 86.7447



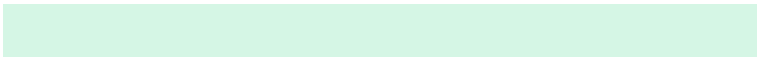
76.0863, 72.8967, 84.9272

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.



89.0511, 85.7148, 89.0194



74.5392, 85.7148, 86.7447



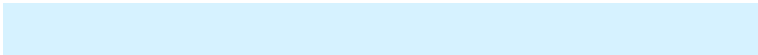
86.5752, 85.7148, 110.3286

Square

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



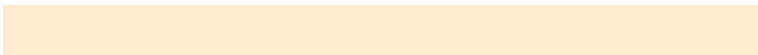
74.5392, 85.7148, 86.7447



79.1367, 85.7148, 115.2955



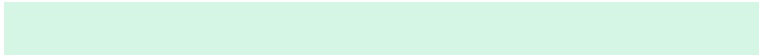
88.8163, 85.7148, 100.2380



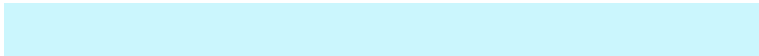
83.8474, 85.7148, 74.3461

Rectangle

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



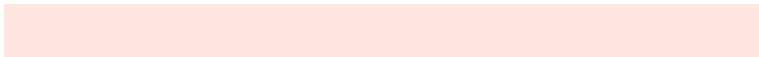
74.5392, 85.7148, 86.7447



75.2435, 85.7148, 105.1137



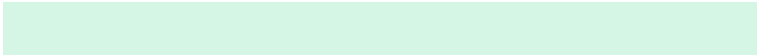
88.8163, 85.7148, 100.2380



88.0294, 85.7148, 82.4595

Sweetspot

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



74.5416, 85.7184, 86.7466



90.5618, 97.7827, 104.3337



77.6182, 87.5508, 75.7601



19.2085, 20.8429, 22.1510



0.0000, 0.0000, 0.0000



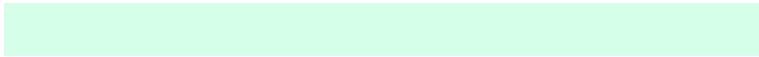
20.3446, 21.4041, 23.3091

Same Dimension

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



74.5416, 85.7184, 86.7466



78.3983, 91.7856, 91.4110



76.9495, 86.6816, 99.4266



16.6169, 18.6059, 19.2671



19.4464, 35.9234, 15.6365



1.7609, 3.1780, 1.6466

Inverse Universe

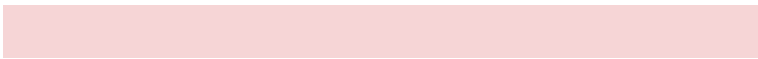
The Inverse Universe completely reimagines the original color for something new.



76.0863, 72.8967, 84.9272



80.3645, 75.4653, 89.0949



73.8830, 72.0154, 73.3250



16.8556, 16.6251, 18.9861



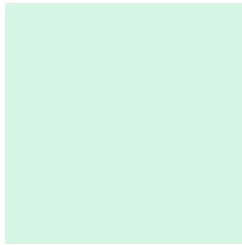
22.3931, 11.3007, 12.0445



2.0201, 1.0140, 1.3321

Previews

White Background



This preview shows how the XYZ color 74.5392, 85.7148, 86.7447 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 74.5392, 85.7148, 86.7447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

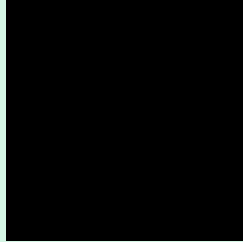
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

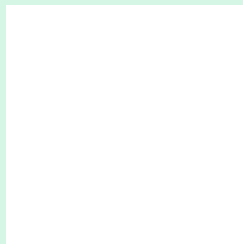
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5392, 85.7148, 86.7447

Background



This preview shows how black text looks on a background with the XYZ color 74.5392, 85.7148, 86.7447.



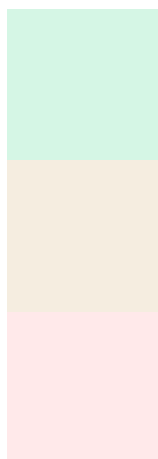
This preview shows how white text looks on a background with the XYZ color 74.5392, 85.7148,

86.7447.

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

74.5392, 85.7148, 86.7447

Protanopia

81.3949, 85.3627, 82.7077

Deuteranopia

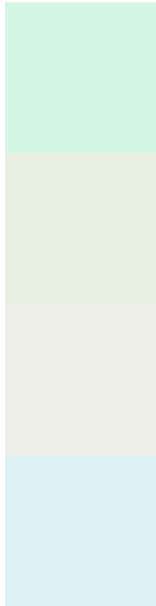
85.2302, 85.4783, 89.8488



Tritanopia

79.9506, 85.3875, 106.8753

Trichromacy



Original Color

74.5392, 85.7148, 86.7447

Protanomaly

78.4918, 85.1348, 84.2472

Deuteranomaly

81.0752, 85.5005, 88.5741

Tritanomaly

77.9019, 85.3737, 99.5617

Monochromacy



Original Color

74.5392, 85.7148, 86.7447

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

76.5041, 83.1440, 88.3601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5392, 85.7148, 86.7447 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(213, 246, 229) looks like.

```
.text, #text, p{  
    color:rgb(213, 246, 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(213, 246, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 246, 229) }
```

Border

The CSS property to change the border of an element to XYZ 74.5392, 85.7148, 86.7447 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(213, 246, 229) }
```


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

```
.border{ border-color:rgb(213, 246, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 246, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 246, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 246, 229);  
box-shadow:4px 4px 4px 4px rgb(213, 246,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5392, 85.7148, 86.7447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 246, 229) }
```

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

```
.background{ background-color: rgb(213,  
246, 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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