

Converting Colors

XYZ(74.2373, 82.0270, 84.4768)

Have a look what the booklet for
XYZ(74.2373, 82.0270, 84.4768)
contains.

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Color

**XYZ(74.2585, 82.0673,
84.5998)**

Conversions

Conversions Part 1

Format	Color
Hex	DDEEE3
RGB	221, 238, 227
RGB Percent	87%, 93%, 89%
CMY	0.1333, 0.0666, 0.1098
CMYK	0.07, 0.00, 0.05, 0.07
HSL	141°, 33%, 90%
HSV	141°, 7%, 93%
XYZ	74.2585, 82.0673, 84.5998
YIQ	231.6630, -6.6010, -7.0250

Conversions

Conversions Part 2

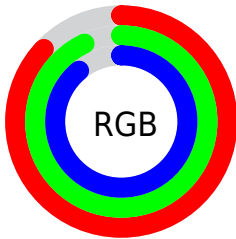
Format	Color
R _Y B	221, 234, 238
Decimal	14544611
CIE Lab	92.60, -7.61, 3.38
CIE LCh	93, 8.331, 156.035
Yxy	82.0673, 0.3082, 0.3406
Android (android.graphics.Color)	4292734691 (0xFFDDEEE3)
YUV	231.6630, -2.2989, -9.3515
Hunter-Lab	90.5910, -12.2157, 8.0448

Details

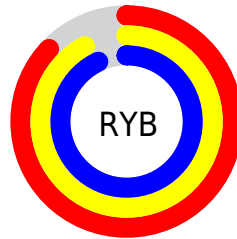
The XYZ color **74.2585, 82.0673, 84.5998** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.6849, 75.7184, 86.9740**, and the grayscale version is **76.4720, 80.4545, 87.6149**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9002, 44.5414, 45.5241** is the 20% darker color. If you saturate the color by 10%, you get **65.4880, 77.7830, 73.5849**, and if you desaturate by 10%, it is **84.2511, 86.9643, 96.6681**.

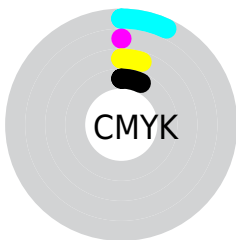
Distribution



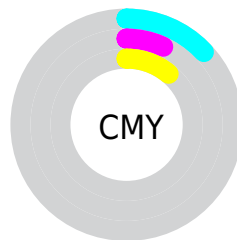
- Red (87%)
- Green (93%)
- Blue (89%)



- Red (87%)
- Yellow (92%)
- Blue (93%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2585, 82.0673, 84.5998 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 74.2585, 82.0673, 84.5998 by changing the saturation by 10% instead.

■ 74.2585, 82.0673,
84.5998

■ 74.2585, 82.0673,
84.5998

464.4016,
501.8728, 530.4129

■ 55.2977, 61.4210,
62.9625

124.2557,
136.2684, 141.6831

■ 39.8749, 44.5650,
45.3701

156.0228,
170.5920, 177.9662

■ 27.6248, 31.1150,
31.4040

192.7894,
210.2434, 219.9683

■ 18.1820, 20.6864,
20.6456

234.9208,
255.6071, 268.1079

■ 11.1812, 12.8950,
12.6765

282.7823,
307.0676, 322.8037

■ 6.2571, 7.3563,
7.0781

336.7394,

■ 3.0441, 3.6859,

365.0090, 384.4741

3.4318

397.1574,
429.8160, 453.5376

■ 1.1772, 1.4994,
1.3191

■ 0.0882, 0.2883,
0.0774

■ 74.2585, 82.0673,
84.5998

■ 74.2585, 82.0673,
84.5998

■ 65.4880, 77.7830,
73.5849

■ 84.2511, 86.9643,
96.6681

■ 57.8847, 74.0767,
63.5899

■ 89.8661, 89.6322,
107.1720

■ 51.3998, 70.9262,
54.5871

■ 45.9782, 68.3036,
46.5459

■ 41.5598, 66.1787,
39.4338

■ 38.0786, 64.5180,
33.2165

■ 35.4599, 63.2840,
27.8578

■ 33.6169, 62.4324,
23.3183

■ 32.4385, 61.9070,
19.5554

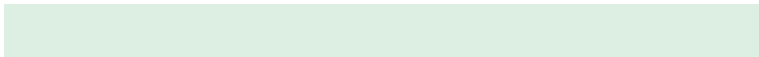
Harmonies

Analogous

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



75.5781, 82.0673, 80.0553



74.2585, 82.0673, 84.5998



73.9339, 82.0673, 90.6171

Triad

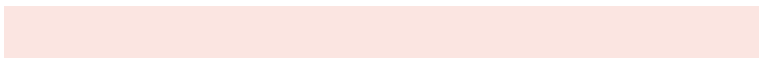
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2585, 82.0673, 84.5998



78.4412, 82.0673, 101.7508



81.4189, 82.0673, 82.5230

Complementary

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



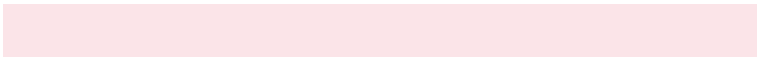
74.2585, 82.0673, 84.5998



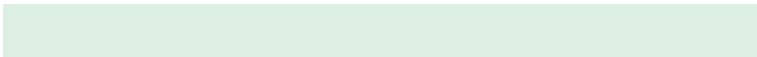
75.6849, 75.7184, 86.9740

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.



82.2177, 82.0673, 88.1093



74.2585, 82.0673, 84.5998



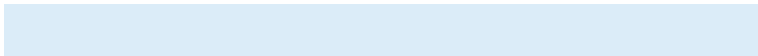
80.4782, 82.0673, 99.3534

Square

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



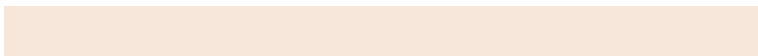
74.2585, 82.0673, 84.5998



76.3231, 82.0673, 100.7053



81.8703, 82.0673, 94.2900



79.7063, 82.0673, 78.8956

Rectangle

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



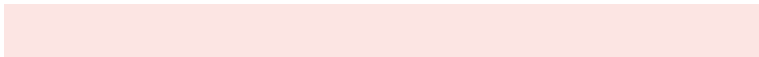
74.2585, 82.0673, 84.5998



74.3200, 82.0673, 94.6952



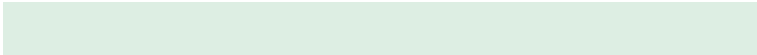
81.8703, 82.0673, 94.2900



81.8047, 82.0673, 84.2239

Sweetspot

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



74.2608, 82.0708, 84.6016



92.6716, 98.8348, 106.0388



76.9238, 83.5376, 80.4779



19.8605, 21.1669, 22.7268



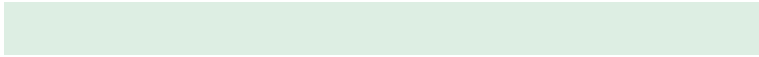
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

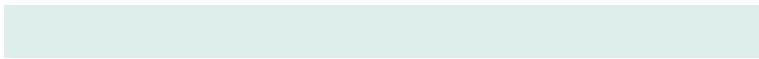
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2608, 82.0708, 84.6016



84.8052, 94.9843, 96.4177



75.4566, 82.5491, 90.8988



15.7963, 17.7485, 17.9500



18.0055, 34.4942, 10.6777



1.5435, 2.8878, 1.1284

Inverse Universe

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



75.6849, 75.7184, 86.9740



86.8840, 85.7107, 99.8807



74.5125, 75.2494, 80.8004



16.2036, 15.9312, 18.6286



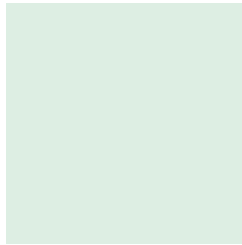
22.9901, 11.4685, 18.3961



1.9596, 0.9729, 1.7780

Previews

White Background



This preview shows how the XYZ color 74.2585, 82.0673, 84.5998 looks on a white background.

Color Contrast Check

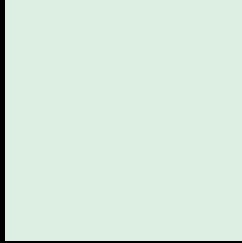
Large Text (above 18pt) WCAG AA × Fail

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 74.2585, 82.0673, 84.5998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

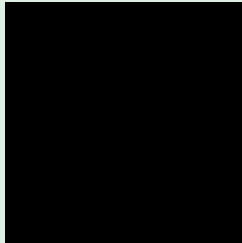
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

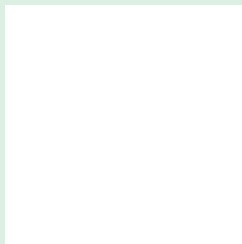
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2585, 82.0673, 84.5998

Background



This preview shows how black text looks on a background with the XYZ color 74.2585, 82.0673, 84.5998.



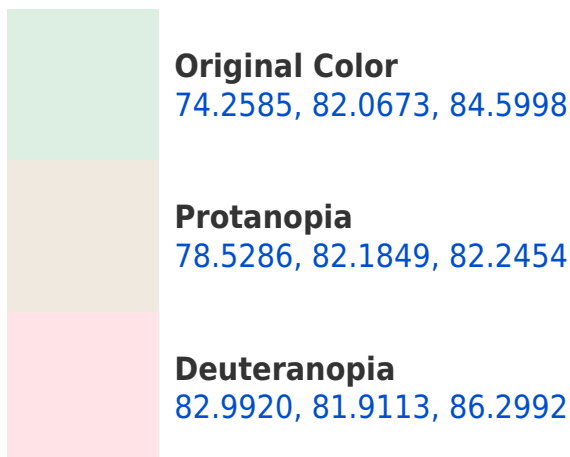
This preview shows how white text looks on a background with the XYZ color 74.2585, 82.0673,

84.5998.

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

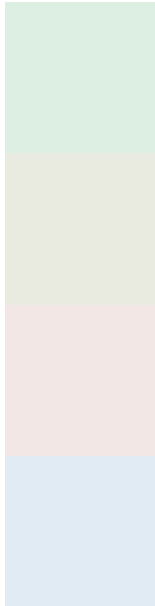




Tritanopia

78.2038, 81.9450, 104.6237

Trichromacy



Original Color

74.2585, 82.0673, 84.5998

Protanomaly

76.9032, 82.1765, 83.0426

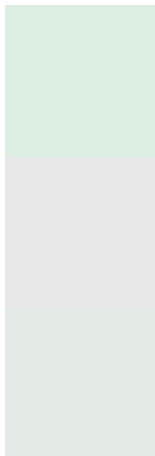
Deuteranomaly

79.6809, 81.8637, 85.7304

Tritanomaly

76.7779, 81.7956, 97.3295

Monochromacy



Original Color

74.2585, 82.0673, 84.5998

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.7007, 81.0528, 86.5178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2585, 82.0673, 84.5998 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(221, 238, 227) looks like.

```
.text, #text, p{  
    color:rgb(221, 238, 227)  
}
```

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(221, 238, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 238, 227) }
```

Border

The CSS property to change the border of an element to XYZ 74.2585, 82.0673, 84.5998 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(221, 238, 227) }
```


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

```
.border{ border-color:rgb(221, 238, 227) }
```

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

Here you see how a box with a 4 pixel rgb(221, 238, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 238, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 238, 227);  
box-shadow:4px 4px 4px 4px rgb(221, 238,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2585, 82.0673, 84.5998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 238, 227) }
```

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

```
.background{ background-color: rgb(221,  
238, 227) }
```

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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