

Converting Colors

XYZ(74.6061, 82.2063, 86.4305)

Have a look what the booklet for
XYZ(74.6061, 82.2063, 86.4305)
contains.

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Color

**XYZ(74.6763, 82.2344,
86.7999)**

Conversions

Conversions Part 1

Format	Color
Hex	DDEEE6
RGB	221, 238, 230
RGB Percent	87%, 93%, 90%
CMY	0.1333, 0.0666, 0.0980
CMYK	0.07, 0.00, 0.03, 0.07
HSL	152°, 33%, 90%
HSV	152°, 7%, 93%
XYZ	74.6763, 82.2344, 86.7999
YIQ	232.0050, -7.5640, -6.0920

Conversions

Conversions Part 2

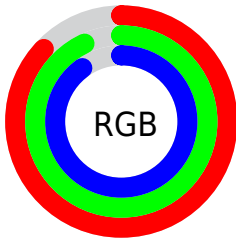
Format	Color
R_{YB}	221, 232, 238
Decimal	14544614
CIE _{Lab}	92.68, -7.07, 1.93
CIE _{LCh}	93, 7.327, 164.722
Y _{xy}	82.2344, 0.3064, 0.3374
Android (android.graphics.Color)	4292734694 (0xFFDDEEE6)
YUV	232.0050, -0.9885, -9.6514
Hunter-Lab	90.6832, -11.7034, 6.7272

Details

The XYZ color **74.6763, 82.2344, 86.7999** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.2622, 75.5494, 84.7485**, and the grayscale version is **76.7187, 80.7140, 87.8976**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1917, 44.6580, 47.0590** is the 20% darker color. If you saturate the color by 10%, you get **66.4145, 78.1536, 78.4637**, and if you desaturate by 10%, it is **84.0712, 86.8923, 95.7204**.

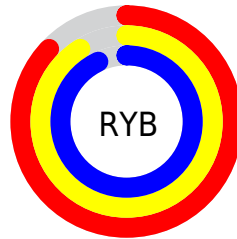
Distribution



Red (87%)

Green (93%)

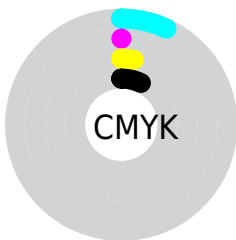
Blue (90%)



Red (87%)

Yellow (91%)

Blue (93%)

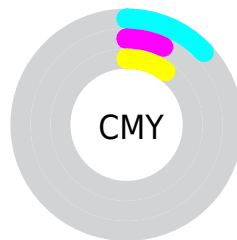


Cyan (7%)

Magenta (0%)

Yellow (3%)

Black (7%)



Cyan (13%)

Magenta (7%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6763, 82.2344, 86.7999 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 74.6763, 82.2344, 86.7999 by changing the saturation by 10% instead.

■ 74.6763, 82.2344,
86.7999

■ 74.6763, 82.2344,
86.7999

465.8186,
502.4314, 537.8642

■ 55.6410, 61.5588,
64.7709

124.8444,
136.5027, 144.7816

■ 40.1510, 44.6763,
46.8252

156.7079,
170.8641, 181.5714

■ 27.8410, 31.2025,
32.5441

193.5782,
210.5562, 224.1187

■ 18.3457, 20.7531,
21.5092

235.8206,
255.9635, 272.8418

■ 11.2997, 12.9436,
13.3019

283.8005,
307.4702, 328.1594

■ 6.3375, 7.3898,
7.5036

337.8832,

■ 3.0940, 3.7070,

365.4608, 390.4899

3.6958

398.4341,
430.3198, 460.2521

■ 1.2037, 1.5111,
1.4600

■ 0.1093, 0.2965,
0.1879

■ 74.6763, 82.2344,
86.7999

■ 74.6763, 82.2344,
86.7999

■ 66.4145, 78.1536,
78.4637

■ 84.0712, 86.8923,
95.7204

■ 59.2339, 74.6164,
70.6945

■ 89.4515, 89.4663,
104.9887

■ 53.0889, 71.6018,
63.4817

■ 89.8661, 89.6322,
107.1720

■ 47.9278, 69.0834,
56.8124

■ 43.6942, 67.0324,
50.6733

■ 40.3258, 65.4169,
45.0502

■ 37.7521, 64.2008,
39.9283

■ 35.8907, 63.3419,
35.2918

■ 34.6353, 62.7857,
31.1232

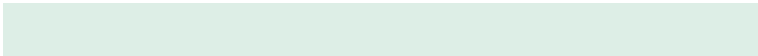
Harmonies

Analogous

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



75.6087, 82.2344, 82.2812



74.6763, 82.2344, 86.7999



74.6674, 82.2344, 92.2354

Triad

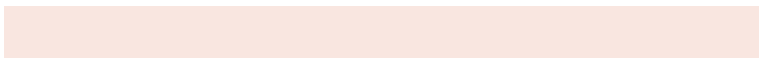
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6763, 82.2344, 86.7999



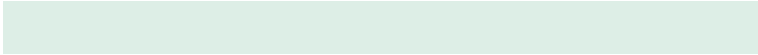
79.0972, 82.2344, 100.0877



80.7964, 82.2344, 82.3493

Complementary

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



74.6763, 82.2344, 86.7999



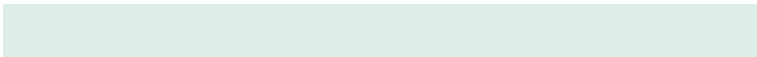
75.2622, 75.5494, 84.7485

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.



81.7626, 82.2344, 86.8962



74.6763, 82.2344, 86.7999



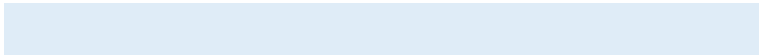
80.7708, 82.2344, 97.2121

Square

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



74.6763, 82.2344, 86.7999



77.1989, 82.2344, 100.0593



81.7531, 82.2344, 92.3357



79.1318, 82.2344, 79.7837

Rectangle

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



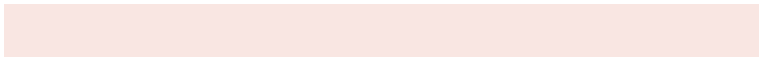
74.6763, 82.2344, 86.7999



75.1853, 82.2344, 95.6568



81.7531, 82.2344, 92.3357



81.2149, 82.2344, 83.6883

Sweetspot

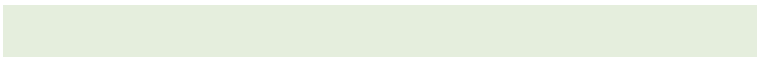
The Sweet Spot groups the original color and five complimentary colors.



74.6786, 82.2379, 86.8017



92.8144, 98.8919, 106.7905



76.0109, 83.0670, 80.4352



19.8895, 21.1785, 22.8798



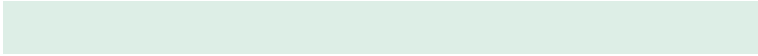
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



74.6786, 82.2379, 86.8017



85.4141, 95.2278, 99.6242



75.7464, 82.5331, 92.8313



15.9155, 17.7962, 18.5781



19.2235, 34.9814, 17.0919



1.6495, 2.9302, 1.6865

Inverse Universe

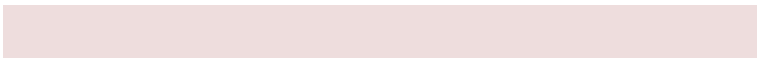
The Inverse Universe completely reimagines the original color for something new.



75.2622, 75.5494, 84.7485



86.2661, 85.4635, 96.6268



74.2449, 75.2623, 79.0218



16.0825, 15.8827, 17.9907



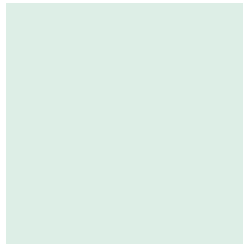
21.3682, 10.8197, 9.8555



1.8275, 0.9200, 1.0825

Previews

White Background



This preview shows how the XYZ color 74.6763, 82.2344, 86.7999 looks on a white background.

Color Contrast Check

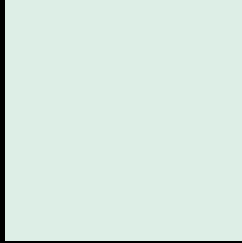
Large Text (above 18pt) WCAG AA × Fail

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 74.6763, 82.2344, 86.7999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

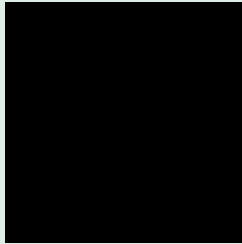
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

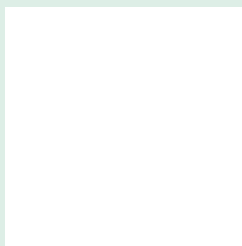
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6763, 82.2344, 86.7999

Background



This preview shows how black text looks on a background with the XYZ color 74.6763, 82.2344, 86.7999.



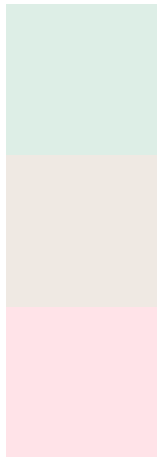
This preview shows how white text looks on a background with the XYZ color 74.6763, 82.2344,

86.7999.

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

74.6763, 82.2344, 86.7999

Protanopia

78.6006, 82.1746, 84.3916

Deuteranopia

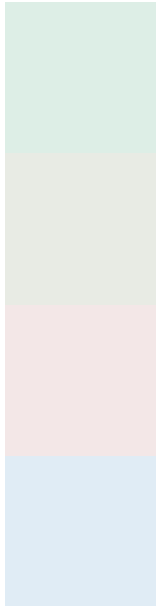
83.2746, 82.0244, 87.7872



Tritanopia

78.4893, 82.5161, 104.7189

Trichromacy



Original Color

74.6763, 82.2344, 86.7999

Protanomaly

76.9906, 82.1739, 85.2021

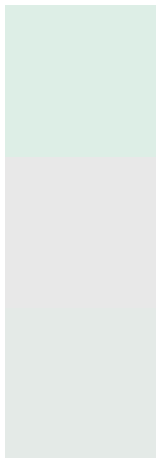
Deuteranomaly

79.9619, 81.9760, 87.2098

Tritanomaly

77.2174, 82.4308, 98.2271

Monochromacy



Original Color

74.6763, 82.2344, 86.7999

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.8415, 81.1091, 87.2597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6763, 82.2344, 86.7999 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(221, 238, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 238, 230) }
```

Border

The CSS property to change the border of an element to XYZ 74.6763, 82.2344, 86.7999 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, 230) }
```


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

```
.border{ border-color:rgb(221, 238, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 238, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 238, 230);  
box-shadow:4px 4px 4px 4px rgb(221, 238,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6763, 82.2344, 86.7999 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, 230) }
```

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

```
.background{ background-color: rgb(221,  
238, 230) }
```

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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