

Converting Colors

XYZ(75.1149, 82.1643, 86.8846)

Have a look what the booklet for
XYZ(75.1149, 82.1643, 86.8846)
contains.

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Color

**XYZ(74.9985, 81.9695,
86.7318)**

Conversions

Conversions Part 1

Format	Color
Hex	DFEDE6
RGB	223, 237, 230
RGB Percent	87%, 93%, 90%
CMY	0.1255, 0.0706, 0.0980
CMYK	0.06, 0.00, 0.03, 0.07
HSL	150°, 28%, 90%
HSV	150°, 6%, 93%
XYZ	74.9985, 81.9695, 86.7318
YIQ	232.0160, -6.0970, -5.1450

Conversions

Conversions Part 2

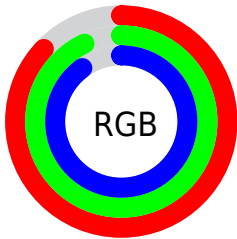
Format	Color
R _Y B	223, 232, 237
Decimal	14675430
CIE Lab	92.56, -5.90, 1.78
CIE LCh	93, 6.164, 163.237
Yxy	81.9695, 0.3077, 0.3364
Android (android.graphics.Color)	4292865510 (0xFFDFE6)
YUV	232.0160, -0.9939, -7.9070
Hunter-Lab	90.5370, -10.5750, 6.5778

Details

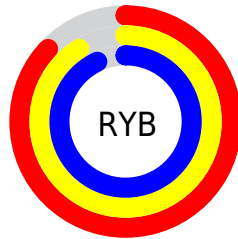
The XYZ color **74.9985, 81.9695, 86.7318** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.5986, 76.4951, 85.6473**, and the grayscale version is **76.7261, 80.7219, 87.9061**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4102, 44.4677, 47.0107** is the 20% darker color. If you saturate the color by 10%, you get **66.5932, 77.8246, 77.9435**, and if you desaturate by 10%, it is **84.5437, 86.6936, 96.1678**.

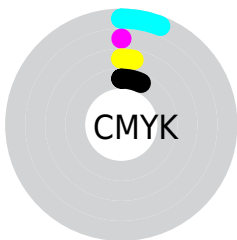
Distribution



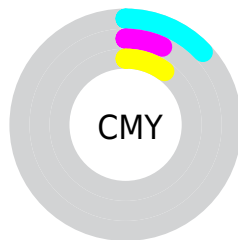
- Red (87%)
- Green (93%)
- Blue (90%)



- Red (87%)
- Yellow (91%)
- Blue (93%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9985, 81.9695, 86.7318 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 74.9985, 81.9695, 86.7318 by changing the saturation by 10% instead.

■ 74.9985, 81.9695,
86.7318

■ 74.9985, 81.9695,
86.7318

466.9097,
501.5457, 537.6345

■ 55.9058, 61.3404,
64.7149

125.2982,
136.1312, 144.6858

■ 40.3641, 44.4999,
46.7801

157.2359,
170.4326, 181.4601

■ 28.0080, 31.0637,
32.5087

194.1859,
210.0603, 223.9905

■ 18.4722, 20.6474,
21.4823

236.5138,
255.3985, 272.6956

■ 11.3913, 12.8665,
13.2824

284.5847,
306.8318, 327.9941

■ 6.3999, 7.3367,
7.4903

338.7641,

■ 3.1327, 3.6735,

364.7445, 390.3043

3.6875

399.4173,
429.5210, 460.0450

■ 1.2243, 1.4927,
1.4555

■ 0.1254, 0.2836,
0.1845

■ 74.9985, 81.9695,
86.7318

■ 74.9985, 81.9695,
86.7318

■ 66.5932, 77.8246,
77.9435

■ 84.5437, 86.6936,
96.1678

■ 59.2765, 74.2257,
69.7837

■ 89.3684, 88.9686,
105.9834

■ 53.0033, 71.1522,
62.2399

■ 89.5758, 89.0515,
107.0753

■ 47.7224, 68.5780,
55.2975

■ 43.3783, 66.4747,
48.9409

■ 39.9097, 64.8111,
43.1539

■ 37.2475, 63.5518,
37.9195

■ 35.3114, 62.6557,
33.2195

■ 34.0026, 62.0723,
29.0342

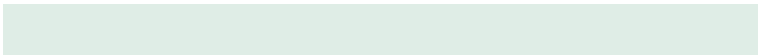
Harmonies

Analogous

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



75.8194, 81.9695, 82.9798



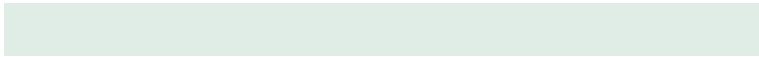
74.9985, 81.9695, 86.7318



74.9507, 81.9695, 91.2852

Triad

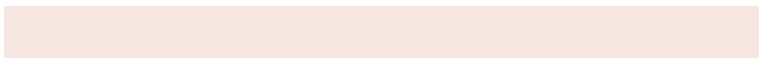
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9985, 81.9695, 86.7318



78.6167, 81.9695, 98.1124



80.1742, 81.9695, 83.3457

Complementary

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



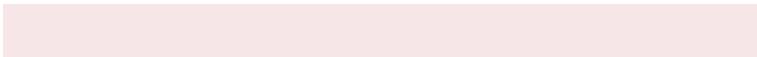
74.9985, 81.9695, 86.7318



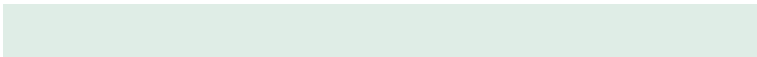
75.5986, 76.4951, 85.6473

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.



80.9453, 81.9695, 87.2469



74.9985, 81.9695, 86.7318



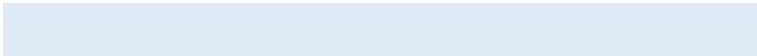
80.0378, 81.9695, 95.8302

Square

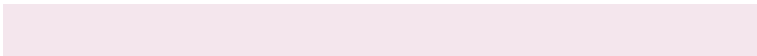
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



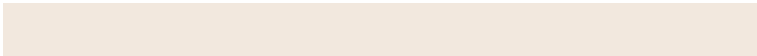
74.9985, 81.9695, 86.7318



77.0249, 81.9695, 97.9630



80.8950, 81.9695, 91.8182



78.8009, 81.9695, 81.0712

Rectangle

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



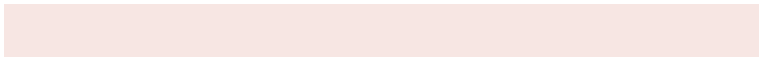
74.9985, 81.9695, 86.7318



75.3626, 81.9695, 94.1717



80.8950, 81.9695, 91.8182



80.5133, 81.9695, 84.5045

Sweetspot

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



75.0008, 81.9730, 86.7336



92.7905, 98.8823, 106.6649



76.3144, 82.7615, 81.7655



19.8847, 21.1766, 22.8542



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

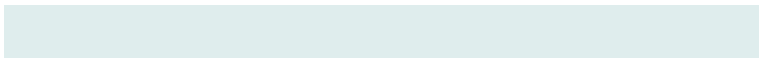
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0008, 81.9730, 86.7336



87.3809, 96.2087, 101.2121



75.9704, 82.3608, 91.8394



15.5290, 17.1589, 18.0005



18.4010, 33.8149, 15.3426



1.4935, 2.6747, 1.4605

Inverse Universe

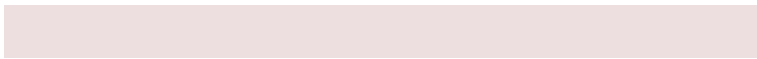
The Inverse Universe completely reimagines the original color for something new.



75.5986, 76.4951, 85.6473



88.2140, 88.5738, 99.6980



74.6659, 76.1220, 80.7359



15.6889, 15.6936, 17.7099



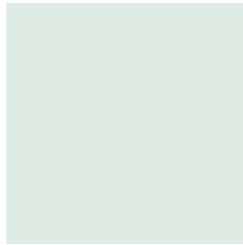
20.9366, 10.5773, 10.7335



1.6926, 0.8500, 1.0986

Previews

White Background



This preview shows how the XYZ color 74.9985, 81.9695, 86.7318 looks on a white background.

Color Contrast Check

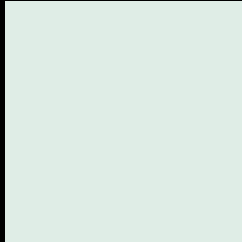
Large Text (above 18pt) WCAG AA × Fail

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 74.9985, 81.9695, 86.7318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

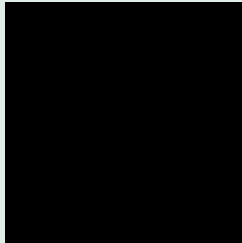
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

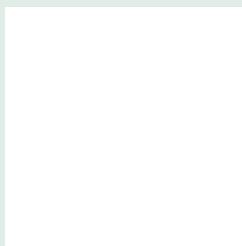
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9985, 81.9695, 86.7318

Background



This preview shows how black text looks on a background with the XYZ color 74.9985, 81.9695, 86.7318.



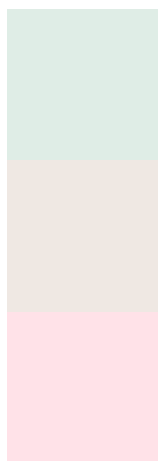
This preview shows how white text looks on a background with the XYZ color 74.9985, 81.9695,

86.7318.

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

74.9985, 81.9695, 86.7318

Protanopia

78.3183, 81.6100, 84.2975

Deuteranopia

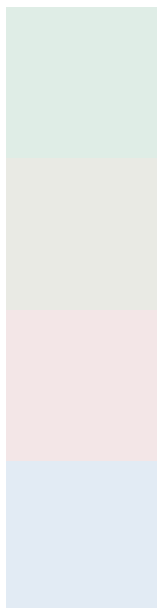
83.0018, 81.4789, 87.6963



Tritanopia

78.6721, 82.2048, 103.8161

Trichromacy



Original Color

74.9985, 81.9695, 86.7318

Protanomaly

77.0307, 81.7707, 85.1222

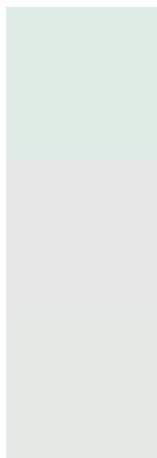
Deuteranomaly

79.6828, 81.4178, 87.1168

Tritanomaly

77.4015, 82.1171, 97.3586

Monochromacy



Original Color

74.9985, 81.9695, 86.7318

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.1597, 81.2732, 87.2745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9985, 81.9695, 86.7318 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(223, 237, 230) looks like.

```
.text, #text, p{  
    color:rgb(223, 237, 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(223, 237, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 237, 230) }
```

Border

The CSS property to change the border of an element to XYZ 74.9985, 81.9695, 86.7318 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(223, 237, 230) }
```


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

```
.border{ border-color:rgb(223, 237, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 237, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 237, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 237, 230); box-shadow:4px 4px 4px 4px rgb(223, 237, 230) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9985, 81.9695, 86.7318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 237, 230) }
```

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

```
.background{ background-color: rgb(223,  
237, 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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