

Converting Colors

XYZ(74.4273, 81.2447, 87.0537)

Have a look what the booklet for
XYZ(74.4273, 81.2447, 87.0537)
contains.

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Color

**XYZ(74.5435, 81.2900,
87.3630)**

Conversions

Conversions Part 1

Format	Color
Hex	DEECE7
RGB	222, 236, 231
RGB Percent	87%, 93%, 91%
CMY	0.1294, 0.0745, 0.0941
CMYK	0.06, 0.00, 0.02, 0.07
HSL	159°, 27%, 90%
HSV	159°, 6%, 93%
XYZ	74.5435, 81.2900, 87.3630
YIQ	231.2440, -6.7390, -4.5230

Conversions

Conversions Part 2

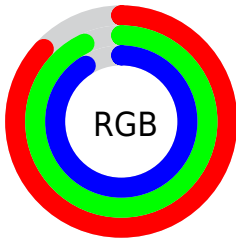
Format	Color
R _Y B	222, 231, 236
Decimal	14609639
CIE Lab	92.26, -5.54, 0.81
CIE LCh	92, 5.601, 171.680
Yxy	81.2900, 0.3065, 0.3343
Android (android.graphics.Color)	4292799719 (0xFFDEECE7)
YUV	231.2440, -0.1203, -8.1070
Hunter-Lab	90.1610, -10.2010, 5.6626

Details

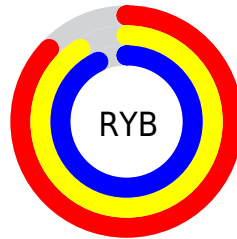
The XYZ color **74.5435, 81.2900, 87.3630** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.5815, 75.6237, 83.3430**, and the grayscale version is **76.1437, 80.1091, 87.2388**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9955, 43.9532, 46.9333** is the 20% darker color. If you saturate the color by 10%, you get **66.6528, 77.3588, 80.9265**, and if you desaturate by 10%, it is **83.5080, 85.7727, 94.1527**.

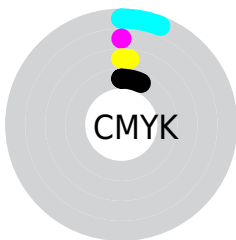
Distribution



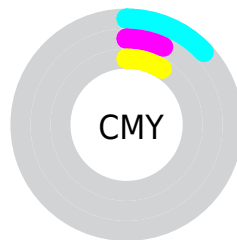
- Red (87%)
- Green (93%)
- Blue (91%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5435, 81.2900, 87.3630 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 74.5435, 81.2900, 87.3630 by changing the saturation by 10% instead.

■ 74.5435, 81.2900,
87.3630

■ 74.5435, 81.2900,
87.3630

465.3684,
499.2697, 539.7621

■ 55.5318, 60.7805,
65.2343

124.6573,
135.1779, 145.5733

■ 40.0632, 44.0480,
47.1985

156.4902,
169.3250, 182.4920

■ 27.7723, 30.7083,
32.8372

193.3275,
208.7869, 225.1778

■ 18.2936, 20.3768,
21.7316

235.5347,
253.9477, 274.0493

■ 11.2620, 12.6692,
13.4634

283.4770,
305.1920, 329.5249

■ 6.3119, 7.2012,
7.6140

337.5198,

■ 3.0781, 3.5882,

362.9042, 392.0232

3.7647

398.0285,
427.4686, 461.9627

■ 1.1952, 1.4460,
1.4972

■ 0.1026, 0.2503,
0.2158

■ 74.5435, 81.2900,
87.3630

■ 74.5435, 81.2900,
87.3630

■ 66.6528, 77.3588,
80.9265

■ 83.5080, 85.7727,
94.1527

■ 59.7865, 73.9469,
74.8316

■ 88.1596, 88.0230,
101.0426

■ 53.9013, 71.0343,
69.0739

■ 89.2870, 88.4739,
106.9790

■ 48.9481, 68.5958,
63.6466

■ 44.8735, 66.6040,
58.5427

■ 41.6186, 65.0287,
53.7550

■ 39.1166, 63.8354,
49.2756

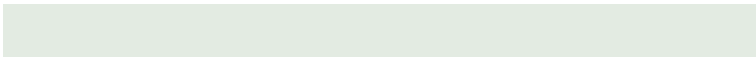
■ 37.2898, 62.9843,
45.0962

■ 36.0425, 62.4260,
41.2072

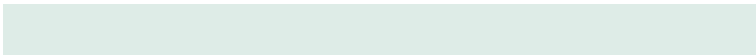
Harmonies

Analogous

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



75.1015, 81.2900, 83.6620



74.5435, 81.2900, 87.3630



74.7072, 81.2900, 91.4871

Triad

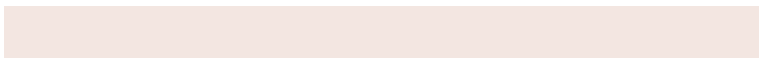
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5435, 81.2900, 87.3630



78.2960, 81.2900, 96.1234



79.0016, 81.2900, 82.4060

Complementary

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



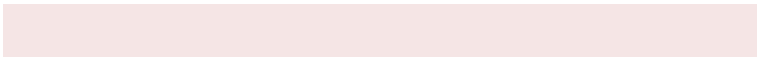
74.5435, 81.2900, 87.3630



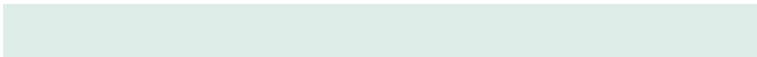
74.5815, 75.6237, 83.3430

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.



79.8779, 81.2900, 85.6002



74.5435, 81.2900, 87.3630



79.4670, 81.2900, 93.5439

Square

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



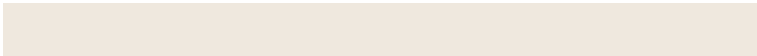
74.5435, 81.2900, 87.3630



76.8618, 81.2900, 96.6311



80.0493, 81.2900, 89.6690



77.6670, 81.2900, 80.8590

Rectangle

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



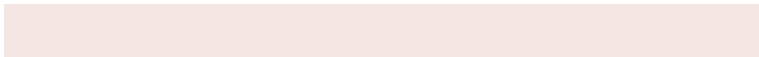
74.5435, 81.2900, 87.3630



75.2044, 81.2900, 93.9156



80.0493, 81.2900, 89.6690



79.3602, 81.2900, 83.3178

Sweetspot

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



74.5458, 81.2935, 87.3648



92.9065, 98.9287, 107.2755



74.9037, 81.6211, 80.9152



19.9083, 21.1860, 22.9785



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

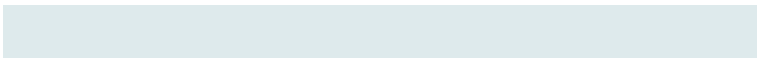
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5458, 81.2935, 87.3648



87.7751, 96.3663, 103.2880



74.7280, 80.5107, 90.9624



15.6047, 17.1892, 18.3992



19.7073, 34.3374, 22.2217



1.5931, 2.7145, 1.9850

Inverse Universe

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



74.5815, 75.6237, 83.3430



87.8252, 88.4183, 97.6502



74.3994, 76.3487, 79.9241



15.6143, 15.6638, 17.3172



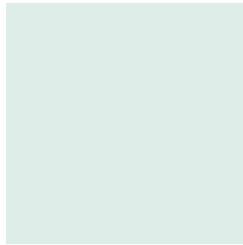
20.0130, 10.2079, 5.8698



1.6160, 0.8194, 0.6951

Previews

White Background



This preview shows how the XYZ color 74.5435, 81.2900, 87.3630 looks on a white background.

Color Contrast Check

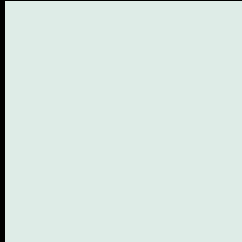
Large Text (above 18pt) WCAG AA × Fail

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 74.5435, 81.2900, 87.3630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

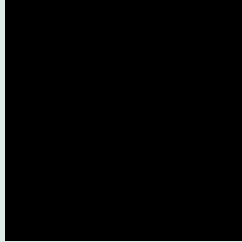
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

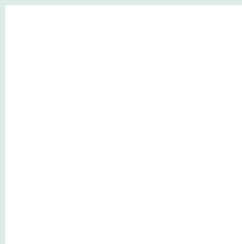
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5435, 81.2900, 87.3630

Background



This preview shows how black text looks on a background with the XYZ color 74.5435, 81.2900, 87.3630.



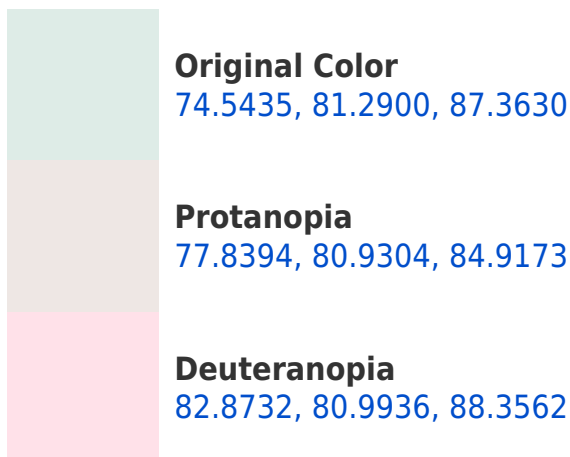
This preview shows how white text looks on a background with the XYZ color 74.5435, 81.2900,

87.3630.

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

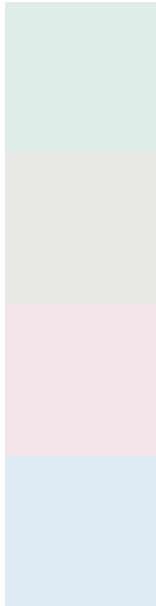




Tritanopia

77.6028, 81.2504, 102.8596

Trichromacy



Original Color

74.5435, 81.2900, 87.3630

Protanomaly

76.5605, 81.0908, 85.7457

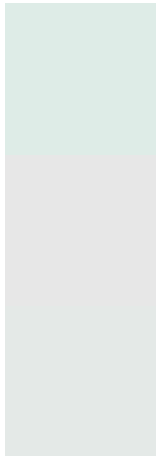
Deuteranomaly

79.5469, 80.9195, 87.7704

Tritanomaly

76.4924, 81.2246, 97.2343

Monochromacy



Original Color

74.5435, 81.2900, 87.3630

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.5576, 80.5413, 87.1650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5435, 81.2900, 87.3630 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(222, 236, 231) looks like.

```
.text, #text, p{  
    color:rgb(222, 236, 231)  
}
```

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(222, 236, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 236, 231) }
```

Border

The CSS property to change the border of an element to XYZ 74.5435, 81.2900, 87.3630 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(222, 236, 231) }
```


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

```
.border{ border-color:rgb(222, 236, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 236, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 236, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 236, 231);  
box-shadow:4px 4px 4px 4px rgb(222, 236,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5435, 81.2900, 87.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 236, 231) }
```

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

```
.background{ background-color: rgb(222,  
236, 231) }
```

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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