

Converting Colors

XYZ(74.9184, 81.7031, 87.8322)

Have a look what the booklet for
XYZ(74.9184, 81.7031, 87.8322)
contains.

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Color

**XYZ(74.9739, 81.9242,
88.2053)**

Conversions

Conversions Part 1

Format	Color
Hex	DEEDE8
RGB	222, 237, 232
RGB Percent	87%, 93%, 91%
CMY	0.1294, 0.0706, 0.0902
CMYK	0.06, 0.00, 0.02, 0.07
HSL	160°, 29%, 90%
HSV	160°, 6%, 93%
XYZ	74.9739, 81.9242, 88.2053
YIQ	231.9450, -7.3350, -4.7350

Conversions

Conversions Part 2

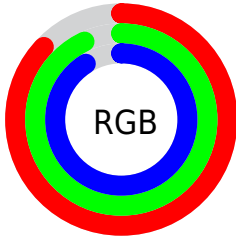
Format	Color
R _Y B	222, 231, 237
Decimal	14609896
CIE Lab	92.54, -5.87, 0.70
CIE LCh	93, 5.908, 173.202
Yxy	81.9242, 0.3059, 0.3342
Android (android.graphics.Color)	4292799976 (0xFFDEEDE8)
YUV	231.9450, 0.0271, -8.7218
Hunter-Lab	90.5120, -10.5389, 5.5794

Details

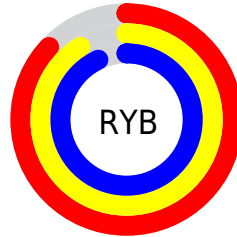
The XYZ color **74.9739, 81.9242, 88.2053** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.9145, 75.7953, 83.3586**, and the grayscale version is **76.6663, 80.6590, 87.8376**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2967, 44.3978, 47.5201** is the 20% darker color. If you saturate the color by 10%, you get **67.1217, 78.0054, 82.1091**, and if you desaturate by 10%, it is **83.9016, 86.3962, 94.6188**.

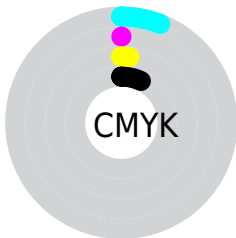
Distribution



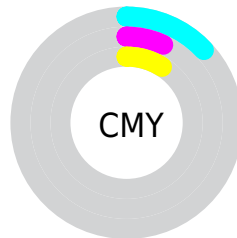
- Red (87%)
- Green (93%)
- Blue (91%)



- 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 74.9739, 81.9242, 88.2053 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 74.9739, 81.9242, 88.2053 by changing the saturation by 10% instead.

■ 74.9739, 81.9242,
88.2053

■ 74.9739, 81.9242,
88.2053

466.8264,
501.3941, 542.5940

■ 55.8856, 61.3031,
65.9278

125.2635,
136.0677, 146.7566

■ 40.3479, 44.4698,
47.7577

157.1956,
170.3588, 183.8675

■ 27.9953, 31.0400,
33.2764

194.1396,
209.9754, 226.7599

■ 18.4625, 20.6293,
22.0654

236.4609,
255.3019, 275.8524

■ 11.3843, 12.8533,
13.7062

284.5249,
306.7226, 331.5635

■ 6.3951, 7.3276,
7.7802

338.6969,

■ 3.1297, 3.6678,

364.6219, 394.3118

3.8689

399.3423,
429.3843, 464.5158

■ 1.2227, 1.4895,
1.5537

■ 0.1242, 0.2813,
0.2575

■ 74.9739, 81.9242,
88.2053

■ 74.9739, 81.9242,
88.2053

■ 67.1217, 78.0054,
82.1091

■ 83.9016, 86.3962,
94.6188

■ 60.2951, 74.6072,
76.3195

■ 88.4396, 88.5971,
101.0922

■ 54.4505, 71.7096,
70.8325

■ 89.5758, 89.0515,
107.0753

■ 49.5383, 69.2870,
65.6424

■ 45.5045, 67.3118,
60.7428

■ 42.2893, 65.7531,
56.1274

■ 39.8253, 64.5764,
51.7892

■ 38.0335, 63.7409,
47.7205

■ 36.8156, 63.1960,
43.9128

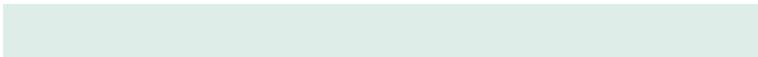
Harmonies

Analogous

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



75.5281, 81.9242, 84.2362



74.9739, 81.9242, 88.2053



75.1865, 81.9242, 92.5716

Triad

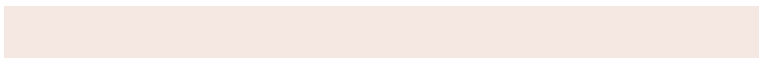
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9739, 81.9242, 88.2053



79.0345, 81.9242, 97.1940



79.6469, 81.9242, 82.6061

Complementary

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



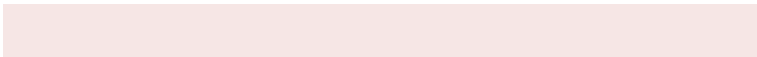
74.9739, 81.9242, 88.2053



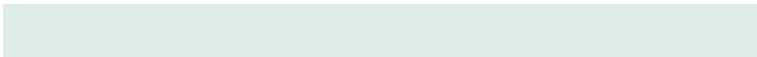
74.9145, 75.7953, 83.3586

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.



80.6094, 81.9242, 85.9143



74.9739, 81.9242, 88.2053



80.2526, 81.9242, 94.3583

Square

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



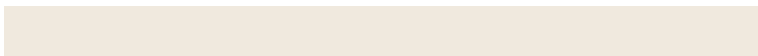
74.9739, 81.9242, 88.2053



77.5179, 81.9242, 97.8562



80.8325, 81.9242, 90.2052



78.2162, 81.9242, 81.0728

Rectangle

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



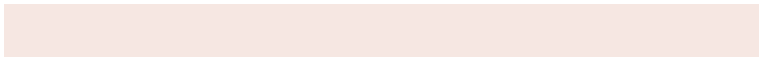
74.9739, 81.9242, 88.2053



75.7359, 81.9242, 95.1110



80.8325, 81.9242, 90.2052



80.0367, 81.9242, 83.5421

Sweetspot

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



74.9762, 81.9277, 88.2071



92.9258, 98.9365, 107.3775



75.2292, 82.2176, 81.0131



19.9122, 21.1876, 22.9993



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.



74.9762, 81.9277, 88.2071



86.8628, 95.9037, 102.9000



75.0498, 80.9210, 91.7887



15.2917, 17.0315, 18.2190



19.9650, 34.4405, 23.5783



1.6121, 2.7221, 2.0849

Inverse Universe

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



74.9145, 75.7953, 83.3586



86.7715, 86.8229, 95.7206



74.8354, 76.7265, 79.9739



15.2727, 15.1369, 16.7212



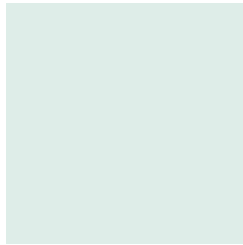
19.8935, 10.1601, 5.2406



1.6053, 0.8151, 0.6390

Previews

White Background



This preview shows how the XYZ color 74.9739, 81.9242, 88.2053 looks on a white background.

Color Contrast Check

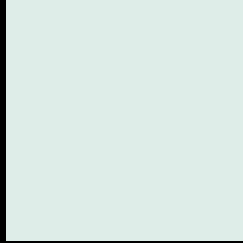
Large Text (above 18pt) WCAG AA × Fail

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 74.9739, 81.9242, 88.2053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

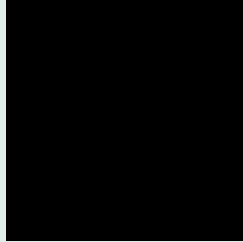
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

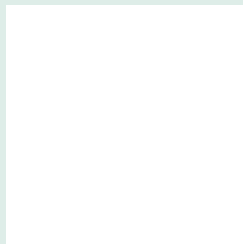
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9739, 81.9242, 88.2053

Background



This preview shows how black text looks on a background with the XYZ color 74.9739, 81.9242, 88.2053.

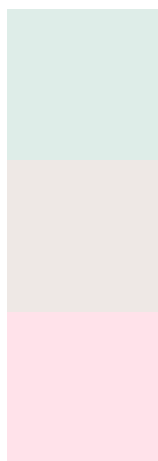


This preview shows how white text looks on a background with the XYZ color 74.9739, 81.9242,

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

74.9739, 81.9242, 88.2053

Protanopia

78.2594, 81.5475, 85.7443

Deuteranopia

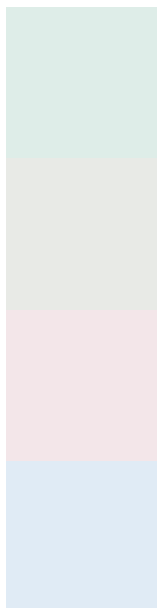
83.2876, 81.5932, 89.2012



Tritanopia

78.0448, 81.8815, 103.7868

Trichromacy



Original Color

74.9739, 81.9242, 88.2053

Protanomaly

76.9845, 81.7146, 86.5779

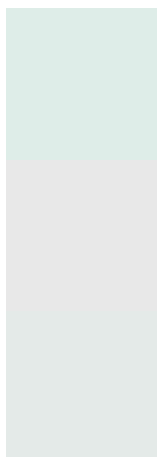
Deuteranomaly

79.9669, 81.5315, 88.6132

Tritanomaly

76.9302, 81.8565, 98.1314

Monochromacy



Original Color

74.9739, 81.9242, 88.2053

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.9832, 81.1658, 88.0058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9739, 81.9242, 88.2053 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, 237, 232) looks like.

```
.text, #text, p{  
    color:rgb(222, 237, 232)  
}
```

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, 237, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 237, 232) }
```

Border

The CSS property to change the border of an element to XYZ 74.9739, 81.9242, 88.2053 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, 237, 232) }
```


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

```
.border{ border-color:rgb(222, 237, 232) }
```

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

Here you see how a box with a 4 pixel rgb(222, 237, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 237, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 237, 232);  
box-shadow:4px 4px 4px 4px rgb(222, 237,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9739, 81.9242, 88.2053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 237, 232) }
```

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

```
.background{ background-color: rgb(222,  
237, 232) }
```

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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