

Converting Colors

XYZ(73.8630, 82.1759, 87.3203)

Have a look what the booklet for
XYZ(73.8630, 82.1759, 87.3203)
contains.

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Color

**XYZ(73.9056, 82.2542,
87.5827)**

Conversions

Conversions Part 1

Format	Color
Hex	D9EFE7
RGB	217, 239, 231
RGB Percent	85%, 94%, 91%
CMY	0.1490, 0.0627, 0.0941
CMYK	0.09, 0.00, 0.03, 0.06
HSL	158°, 41%, 89%
HSV	158°, 9%, 94%
XYZ	73.9056, 82.2542, 87.5827
YIQ	231.5100, -10.5440, -7.1520

Conversions

Conversions Part 2

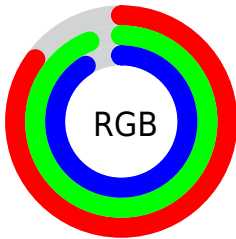
Format	Color
RYB	217, 230, 239
Decimal	14282727
CIELab	92.69, -8.70, 1.39
CIElCh	93, 8.809, 170.922
Yxy	82.2542, 0.3032, 0.3375
Android (android.graphics.Color)	4292472807 (0xFFD9EFE7)
YUV	231.5100, -0.2514, -12.7253
Hunter-Lab	90.6941, -13.2570, 6.2299

Details

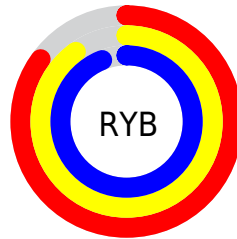
The XYZ color **73.9056, 82.2542, 87.5827** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.0031, 73.4149, 81.5082**, and the grayscale version is **76.3450, 80.3209, 87.4695**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5716, 44.6435, 47.0888** is the 20% darker color. If you saturate the color by 10%, you get **66.1124, 78.3773, 80.9678**, and if you desaturate by 10%, it is **82.7933, 86.6928, 94.5707**.

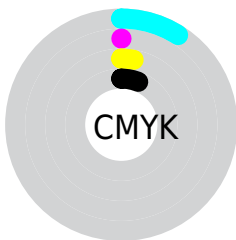
Distribution



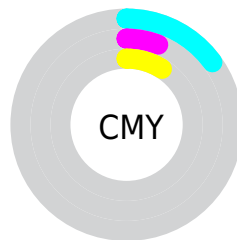
- Red (85%)
- Green (94%)
- Blue (91%)



- Red (85%)
- Yellow (90%)
- Blue (94%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (6%)



- Cyan (15%)
- Magenta (6%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9056, 82.2542, 87.5827 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 73.9056, 82.2542, 87.5827 by changing the saturation by 10% instead.

73.9056, 82.2542,
87.5827

73.9056, 82.2542,
87.5827

463.2028,
502.4976, 540.5015

55.0078, 61.5751,
65.4152

123.7582,
136.5304, 145.8821

39.6418, 44.6894,
47.3443

155.4437,
170.8963, 182.8510

27.4424, 31.2129,
32.9516

192.1225,
210.5933, 225.5908

18.0440, 20.7610,
21.8186

234.1599,
256.0057, 274.5199

11.0815, 12.9494,
13.5266

281.9212,
307.5179, 330.0571

6.1894, 7.3937,
7.6572

335.7720,

3.0023, 3.7095,

365.5144, 392.6207

3.7918

396.0774,
430.3795, 462.6293

■ 1.1550, 1.5124,
1.5118

■ 0.0704, 0.2975,
0.2267

■ 73.9056, 82.2542,
87.5827

■ 73.9056, 82.2542,
87.5827

■ 66.1124, 78.3773,
80.9678

■ 82.7933, 86.6928,
94.5707

■ 59.3618, 75.0287,
74.7137

■ 89.1117, 89.7975,
101.7596

■ 53.6080, 72.1871,
68.8156

■ 90.1580, 90.2160,
107.2693

■ 48.7990, 69.8258,
63.2660

■ 44.8781, 67.9157,
58.0575

■ 41.7818, 66.4242,
53.1820

■ 39.4381, 65.3143,
48.6311

■ 37.7619, 64.5422,
44.3955

■ 36.6217, 64.0402,
40.4636

Harmonies

Analogous

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



74.8063, 82.2542, 81.8325



73.9056, 82.2542, 87.5827



74.1327, 82.2542, 94.1472

Triad

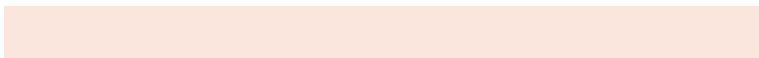
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9056, 82.2542, 87.5827



79.7656, 82.2542, 101.8841



80.9933, 82.2542, 80.1095

Complementary

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



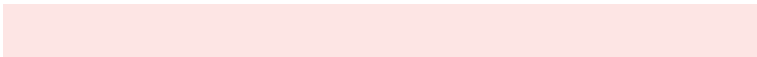
73.9056, 82.2542, 87.5827



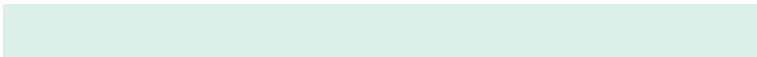
74.0031, 73.4149, 81.5082

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.



82.3723, 82.2542, 85.1259



73.9056, 82.2542, 87.5827



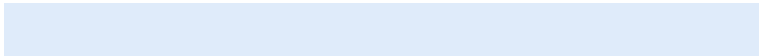
81.6539, 82.2542, 97.7611

Square

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



73.9056, 82.2542, 87.5827



77.4864, 82.2542, 102.6209



82.6164, 82.2542, 91.5685



78.8781, 82.2542, 77.6587

Rectangle

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



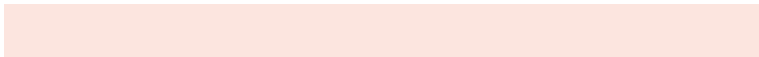
73.9056, 82.2542, 87.5827



74.8949, 82.2542, 98.0914



82.6164, 82.2542, 91.5685



81.5601, 82.2542, 81.5398

Sweetspot

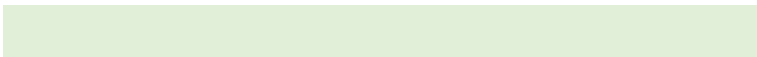
The Sweet Spot groups the original color and five complimentary colors.



73.9079, 82.2577, 87.5845



91.8465, 98.3999, 106.4284



74.4658, 82.7647, 77.6974



19.4799, 20.9723, 22.6401



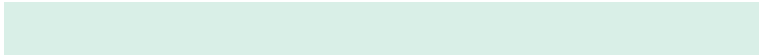
0.0000, 0.0000, 0.0000



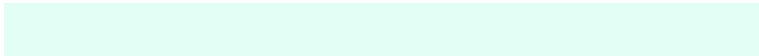
20.3446, 21.4041, 23.3091

Same Dimension

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



73.9079, 82.2577, 87.5845



83.8732, 94.4229, 100.0287



74.2126, 81.0164, 93.3917



15.9892, 17.8257, 18.9660



20.2576, 35.3951, 22.5375



1.7328, 2.9636, 2.1254

Inverse Universe

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



74.0031, 73.4149, 81.5082



84.0038, 82.2942, 91.6949



73.6993, 74.5142, 76.1453



16.0104, 15.8539, 17.6111



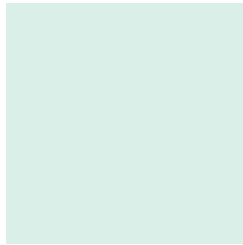
20.6781, 10.5437, 6.2214



1.7664, 0.8956, 0.7607

Previews

White Background



This preview shows how the XYZ color 73.9056, 82.2542, 87.5827 looks on a white background.

Color Contrast Check

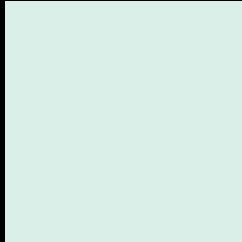
Large Text (above 18pt) WCAG AA × Fail

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 73.9056, 82.2542, 87.5827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

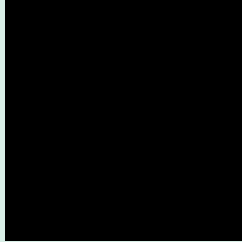
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

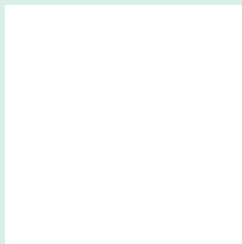
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9056, 82.2542, 87.5827

Background



This preview shows how black text looks on a background with the XYZ color 73.9056, 82.2542, 87.5827.



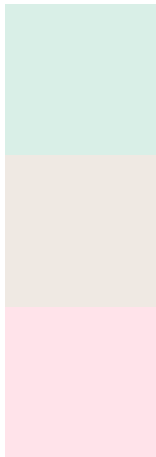
This preview shows how white text looks on a background with the XYZ color 73.9056, 82.2542,

87.5827.

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

73.9056, 82.2542, 87.5827

Protanopia

78.6006, 82.1746, 84.3916

Deuteranopia

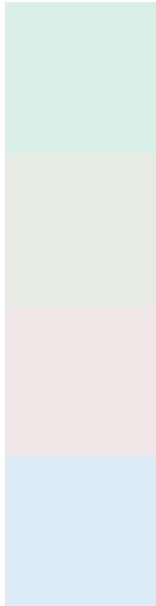
83.5604, 82.1387, 89.2921



Tritanopia

77.4165, 81.9446, 105.5025

Trichromacy



Original Color

73.9056, 82.2542, 87.5827

Protanomaly

76.6669, 82.0070, 85.1869

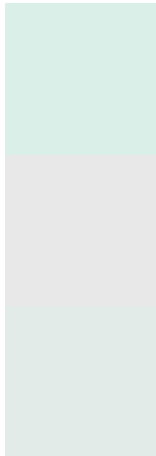
Deuteranomaly

79.5595, 81.7358, 88.6741

Tritanomaly

76.1452, 81.8604, 98.9761

Monochromacy



Original Color

73.9056, 82.2542, 87.5827

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.9524, 81.5738, 88.0861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9056, 82.2542, 87.5827 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(217, 239, 231) looks like.

```
.text, #text, p{  
    color:rgb(217, 239, 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(217, 239, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 239, 231) }
```

Border

The CSS property to change the border of an element to XYZ 73.9056, 82.2542, 87.5827 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(217, 239, 231) }
```


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

```
.border{ border-color:rgb(217, 239, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 239, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 239, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 239, 231);  
box-shadow:4px 4px 4px 4px rgb(217, 239,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9056, 82.2542, 87.5827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 239, 231) }
```

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

```
.background{ background-color: rgb(217,  
239, 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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