

Converting Colors

XYZ(72.6139, 79.2622, 82.0829)

Have a look what the booklet for
XYZ(72.6139, 79.2622, 82.0829)
contains.

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Color

**XYZ(72.4123, 79.0318,
81.9591)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE9E0
RGB	221, 233, 224
RGB Percent	87%, 91%, 88%
CMY	0.1333, 0.0863, 0.1216
CMYK	0.05, 0.00, 0.04, 0.09
HSL	135°, 21%, 89%
HSV	135°, 5%, 91%
XYZ	72.4123, 79.0318, 81.9591
YIQ	228.3860, -4.2630, -5.3430

Conversions

Conversions Part 2

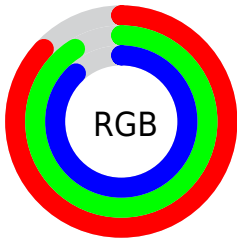
Format	Color
R _Y B	221, 231, 233
Decimal	14543328
CIE Lab	91.25, -5.62, 2.98
CIE LCh	91, 6.358, 152.056
Yxy	79.0318, 0.3102, 0.3386
Android (android.graphics.Color)	4292733408 (0xFFDDE9E0)
YUV	228.3860, -2.1623, -6.4775
Hunter-Lab	88.8998, -10.1797, 7.5689

Details

The XYZ color **72.4123, 79.0318, 81.9591** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.7466, 74.7518, 85.4086**, and the grayscale version is **74.0449, 77.9010, 84.8342**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6095, 42.4158, 43.6883** is the 20% darker color. If you saturate the color by 10%, you get **63.5548, 74.7278, 69.8012**, and if you desaturate by 10%, it is **82.5025, 83.9476, 95.4499**.

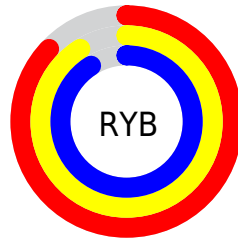
Distribution



Red (87%)

Green (91%)

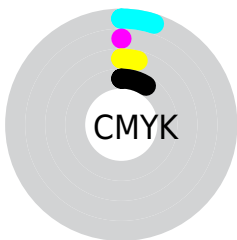
Blue (88%)



Red (87%)

Yellow (91%)

Blue (91%)

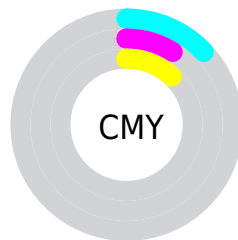


Cyan (5%)

Magenta (0%)

Yellow (4%)

Black (9%)



Cyan (13%)

Magenta (9%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.4123, 79.0318, 81.9591 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 72.4123, 79.0318, 81.9591 by changing the saturation by 10% instead.

72.4123, 79.0318,
81.9591

72.4123, 79.0318,
81.9591

458.1108,
491.6639, 521.3907

53.7822, 58.9220,
60.7962

121.6502,
132.0036, 137.9528

38.6575, 42.5503,
43.6312

152.9887,
165.6344, 173.6207

26.6730, 29.5324,
30.0456

189.2940,
204.5409, 214.9607

17.4631, 19.4840,
19.6209

230.9315,
249.1076, 262.3913

10.6625, 12.0205,
11.9384

278.2666,
299.7189, 316.3311

5.9060, 6.7576,
6.5797

331.6646,

2.8281, 3.3110,

356.7591, 377.1985

3.1263

391.4909,
420.6126, 445.4122

■ 1.0635, 1.2962,
1.1595

■ 0.0000, 0.1382,
0.0000

■ 72.4123, 79.0318,
81.9591

■ 72.4123, 79.0318,
81.9591

■ 63.5548, 74.7278,
69.8012

■ 82.5025, 83.9476,
95.4499

■ 55.8758, 71.0018,
58.9305

■ 88.4304, 86.7608,
106.6935

■ 49.3266, 67.8318,
49.3064

■ 43.8528, 65.1907,
40.8839

■ 39.3952, 63.0490,
33.6156

■ 35.8888, 61.3742,
27.4509

■ 33.2609, 60.1299,
22.3354

■ 31.4274, 59.2741,
18.2097

■ 30.2867, 58.7558,
15.0087

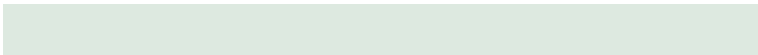
Harmonies

Analogous

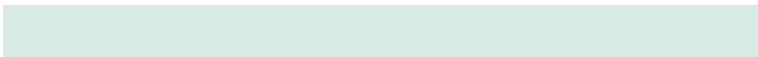
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.4842, 79.0318, 78.7459



72.4123, 79.0318, 81.9591



72.0622, 79.0318, 86.3711

Triad

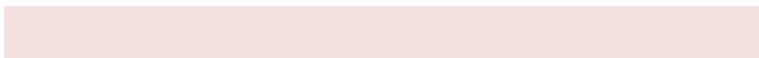
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.4123, 79.0318, 81.9591



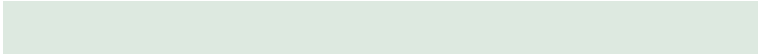
75.2286, 79.0318, 95.2318



77.7751, 79.0318, 81.4262

Complementary

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



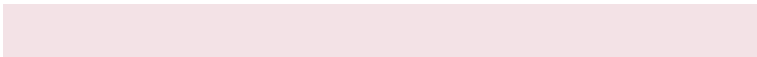
72.4123, 79.0318, 81.9591



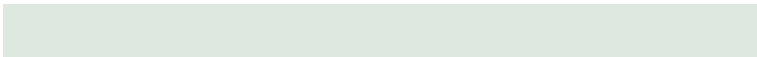
73.7466, 74.7518, 85.4086

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.



78.2577, 79.0318, 85.7341



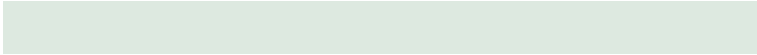
72.4123, 79.0318, 81.9591



76.7745, 79.0318, 93.7970

Square

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



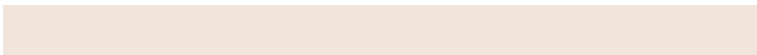
72.4123, 79.0318, 81.9591



73.6742, 79.0318, 94.1348



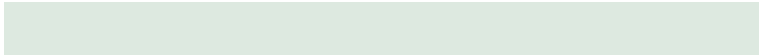
77.8890, 79.0318, 90.2793



76.5792, 79.0318, 78.4460

Rectangle

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



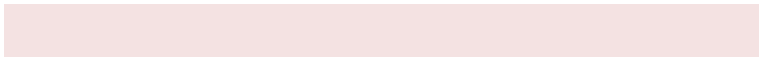
72.4123, 79.0318, 81.9591



72.2811, 79.0318, 89.4289



77.8890, 79.0318, 90.2793



78.0269, 79.0318, 82.7616

Sweetspot

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



72.4145, 79.0352, 81.9608



92.5886, 98.8016, 105.6018



74.8906, 80.3582, 79.9714



19.8436, 21.1602, 22.6378



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

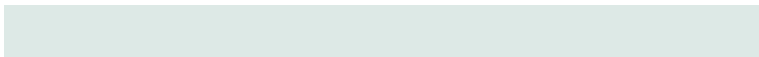
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.4145, 79.0352, 81.9608



87.8503, 96.4956, 99.2046



73.2152, 79.3555, 86.1772



15.5910, 17.2003, 17.5779



17.0125, 33.2595, 8.0307



1.3735, 2.6267, 0.8285

Inverse Universe

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



73.7466, 74.7518, 85.4086



89.7522, 90.3798, 104.1272



72.9450, 74.4312, 81.1873



15.9634, 16.0025, 18.5420



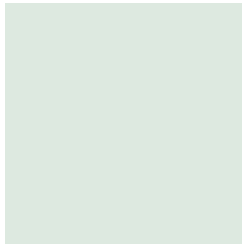
23.4977, 11.6018, 24.2201



1.8831, 0.9262, 2.1019

Previews

White Background



This preview shows how the XYZ color 72.4123, 79.0318, 81.9591 looks on a white background.

Color Contrast Check

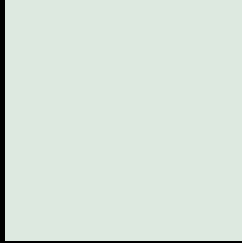
Large Text (above 18pt) WCAG AA × Fail

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 72.4123, 79.0318, 81.9591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

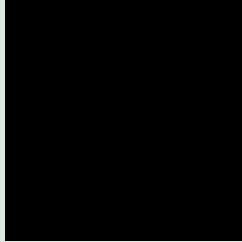
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

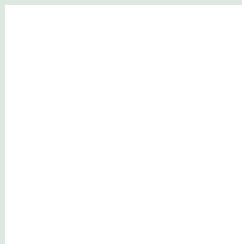
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.4123, 79.0318, 81.9591

Background



This preview shows how black text looks on a background with the XYZ color 72.4123, 79.0318, 81.9591.



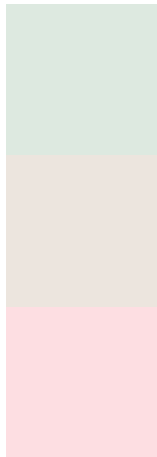
This preview shows how white text looks on a background with the XYZ color 72.4123, 79.0318,

81.9591.

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

72.4123, 79.0318, 81.9591

Protanopia

75.7962, 79.1454, 80.3889

Deuteranopia

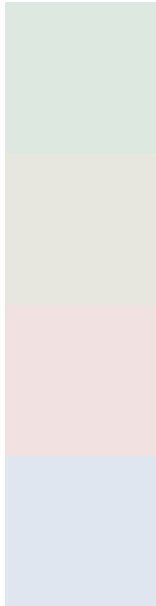
80.3568, 78.6162, 82.8907



Tritanopia

76.0139, 78.8235, 100.0150

Trichromacy



Original Color

72.4123, 79.0318, 81.9591

Protanomaly

74.5711, 78.9103, 81.1129

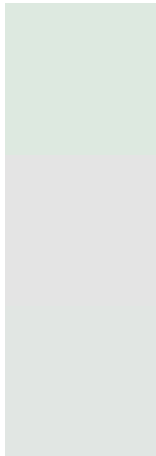
Deuteranomaly

77.0626, 78.5297, 82.3303

Tritanomaly

74.6173, 78.6729, 92.9140

Monochromacy



Original Color

72.4123, 79.0318, 81.9591

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.2133, 78.1472, 83.8982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4123, 79.0318, 81.9591 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, 233, 224) looks like.

```
.text, #text, p{  
    color:rgb(221, 233, 224)  
}
```

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, 233, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 233, 224) }
```

Border

The CSS property to change the border of an element to XYZ 72.4123, 79.0318, 81.9591 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, 233, 224) }
```


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

```
.border{ border-color:rgb(221, 233, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 233, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 233, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 233, 224);  
box-shadow:4px 4px 4px 4px rgb(221, 233,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4123, 79.0318, 81.9591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 233, 224) }
```

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

```
.background{ background-color: rgb(221,  
233, 224) }
```

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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