

Converting Colors

XYZ(72.9952, 79.3290, 83.0814)

Have a look what the booklet for
XYZ(72.9952, 79.3290, 83.0814)
contains.

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Color

**XYZ(72.9906, 79.2984,
83.4106)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE9E2
RGB	222, 233, 226
RGB Percent	87%, 91%, 89%
CMY	0.1294, 0.0863, 0.1137
CMYK	0.05, 0.00, 0.03, 0.09
HSL	142°, 20%, 89%
HSV	142°, 5%, 91%
XYZ	72.9906, 79.2984, 83.4106
YIQ	228.9130, -4.3090, -4.5090

Conversions

Conversions Part 2

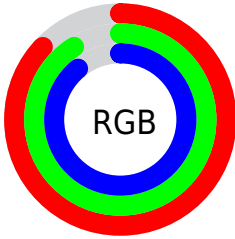
Format	Color
R _Y B	222, 230, 233
Decimal	14608866
CIE Lab	91.37, -4.92, 2.12
CIE LCh	91, 5.361, 156.710
Yxy	79.2984, 0.3097, 0.3364
Android (android.graphics.Color)	4292798946 (0xFFDEE9E2)
YUV	228.9130, -1.4361, -6.0627
Hunter-Lab	89.0496, -9.5272, 6.7993

Details

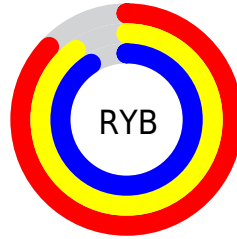
The XYZ color **72.9906, 79.2984, 83.4106** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.8713, 75.2254, 84.7592**, and the grayscale version is **74.4266, 78.3026, 85.2715**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0092, 42.6000, 44.6947** is the 20% darker color. If you saturate the color by 10%, you get **64.3937, 75.0939, 72.8412**, and if you desaturate by 10%, it is **82.7543, 84.0886, 94.9568**.

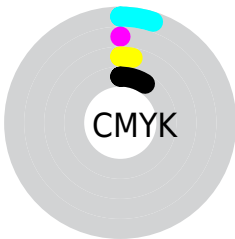
Distribution



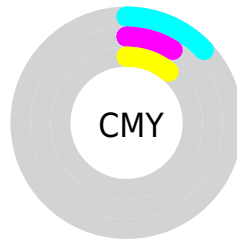
- Red (87%)
- Green (91%)
- Blue (89%)



- Red (87%)
- Yellow (90%)
- Blue (91%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9906, 79.2984, 83.4106 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 72.9906, 79.2984, 83.4106 by changing the saturation by 10% instead.

■ 72.9906, 79.2984,
83.4106

■ 72.9906, 79.2984,
83.4106

460.0865,
492.5652, 526.3607

■ 54.2566, 59.1412,
61.9864

122.4671,
132.3789, 140.0048

■ 39.0384, 42.7268,
44.5860

153.9403,
166.0709, 176.0118

■ 26.9704, 29.6708,
30.7909

190.3906,
205.0433, 217.7168

■ 17.6875, 19.5889,
20.1825

232.1834,
249.6806, 265.5383

■ 10.8242, 12.0965,
12.3424

279.6841,
300.3670, 319.8949

■ 6.0151, 6.8095,
6.8519

333.2579,

■ 2.8950, 3.3432,

357.4870, 381.2052

3.2926

393.2703,
421.4249, 449.8876

■ 1.0985, 1.3134,
1.2459

■ 0.0239, 0.1516,
0.0169

■ 72.9906, 79.2984,
83.4106

■ 72.9906, 79.2984,
83.4106

■ 64.3937, 75.0939,
72.8412

■ 82.7543, 84.0886,
94.9568

■ 56.9123, 71.4423,
63.2183

■ 88.4304, 86.7609,
106.6935

■ 50.5010, 68.3231,
54.5170

■ 45.1087, 65.7105,
46.7101

■ 40.6801, 63.5765,
39.7685

■ 37.1541, 61.8903,
33.6618

■ 34.4625, 60.6174,
28.3576

■ 32.5267, 59.7178,
23.8212

■ 31.2511, 59.1431,
20.0152

Harmonies

Analogous

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



73.8160, 79.2984, 80.4678



72.9906, 79.2984, 83.4106



72.7994, 79.2984, 87.2219

Triad

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



72.9906, 79.2984, 83.4106



75.6772, 79.2984, 94.0082



77.4899, 79.2984, 81.9359

Complementary

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



72.9906, 79.2984, 83.4106



73.8713, 75.2254, 84.7592

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.



78.0019, 79.2984, 85.4690



72.9906, 79.2984, 83.4106



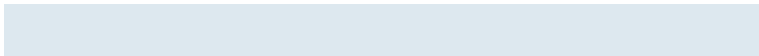
76.9472, 79.2984, 92.4963

Square

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



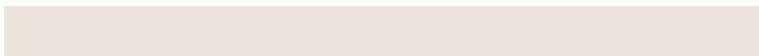
72.9906, 79.2984, 83.4106



74.3399, 79.2984, 93.4170



77.8021, 79.2984, 89.3423



76.4110, 79.2984, 79.6345

Rectangle

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



72.9906, 79.2984, 83.4106



73.0553, 79.2984, 89.7580



77.8021, 79.2984, 89.3423



77.7346, 79.2984, 83.0147

Sweetspot

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



72.9928, 79.3018, 83.4123



93.8578, 99.4155, 107.4859



74.6877, 80.2382, 80.6595



20.1020, 21.2852, 23.0213



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

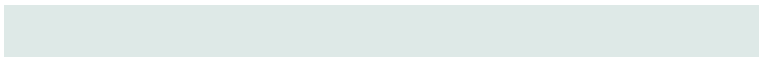
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.9928, 79.3018, 83.4123



88.1148, 96.6014, 100.5976



73.7391, 79.6003, 87.3422



15.6427, 17.2210, 17.8503



17.5119, 33.4592, 10.6609



1.4199, 2.6453, 1.0729

Inverse Universe

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



73.8713, 75.2254, 84.7592



89.4792, 90.2706, 102.6892



73.1351, 74.9309, 80.8824



15.9099, 15.9811, 18.2599



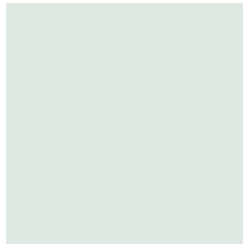
22.1759, 11.0730, 17.2594



1.7872, 0.8879, 1.5969

Previews

White Background



This preview shows how the XYZ color 72.9906, 79.2984, 83.4106 looks on a white background.

Color Contrast Check

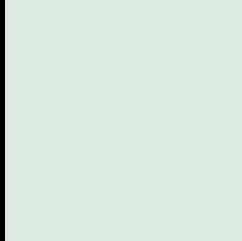
Large Text (above 18pt) WCAG AA × Fail

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 72.9906, 79.2984, 83.4106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

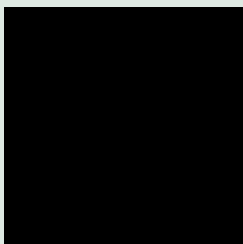
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

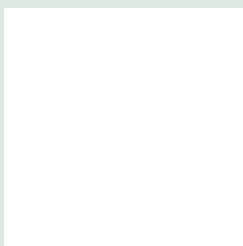
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9906, 79.2984, 83.4106

Background



This preview shows how black text looks on a background with the XYZ color 72.9906, 79.2984, 83.4106.

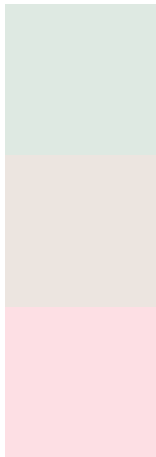


This preview shows how white text looks on a background with the XYZ color 72.9906, 79.2984,

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

72.9906, 79.2984, 83.4106

Protanopia

76.0659, 79.2533, 81.8093

Deuteranopia

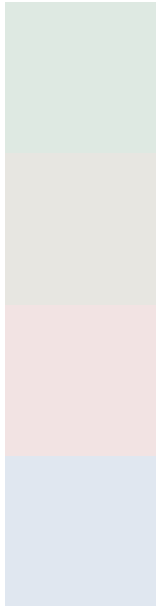
80.8993, 79.2594, 84.4335



Tritanopia

76.2914, 79.3785, 100.1075

Trichromacy



Original Color

72.9906, 79.2984, 83.4106

Protanomaly

74.8424, 79.0188, 82.5417

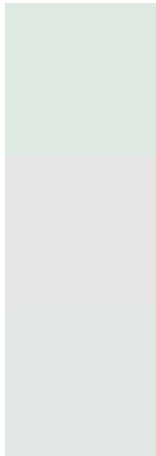
Deuteranomaly

77.9522, 79.3615, 83.8828

Tritanomaly

75.0446, 79.2904, 93.7874

Monochromacy



Original Color

72.9906, 79.2984, 83.4106

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.6644, 78.3638, 84.6420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9906, 79.2984, 83.4106 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, 233, 226) looks like.

```
.text, #text, p{  
    color:rgb(222, 233, 226)  
}
```

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, 233, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 233, 226) }
```

Border

The CSS property to change the border of an element to XYZ 72.9906, 79.2984, 83.4106 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, 233, 226) }
```


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

```
.border{ border-color:rgb(222, 233, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 233, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 233, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 233, 226);  
box-shadow:4px 4px 4px 4px rgb(222, 233,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9906, 79.2984, 83.4106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 233, 226) }
```

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

```
.background{ background-color: rgb(222,  
233, 226) }
```

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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