

Converting Colors

XYZ(73.6835, 78.9678, 84.3606)

Have a look what the booklet for
XYZ(73.6835, 78.9678, 84.3606)
contains.

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Color

**XYZ(73.4924, 78.7054,
83.9912)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E7E3
RGB	225, 231, 227
RGB Percent	88%, 91%, 89%
CMY	0.1176, 0.0941, 0.1098
CMYK	0.03, 0.00, 0.02, 0.09
HSL	140°, 11%, 89%
HSV	140°, 3%, 91%
XYZ	73.4924, 78.7054, 83.9912
YIQ	228.7500, -2.2920, -2.5160

Conversions

Conversions Part 2

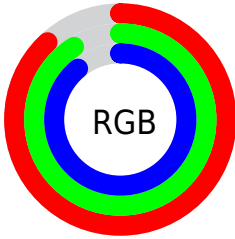
Format	Color
R _Y B	225, 230, 231
Decimal	14804963
CIE Lab	91.10, -2.72, 1.23
CIE LCh	91, 2.987, 155.613
Yxy	78.7054, 0.3112, 0.3332
Android (android.graphics.Color)	4292995043 (0xFFE1E7E3)
YUV	228.7500, -0.8627, -3.2887
Hunter-Lab	88.7161, -7.3837, 5.9689

Details

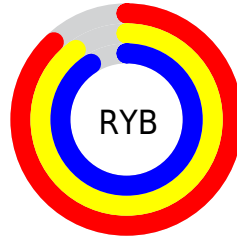
The XYZ color **73.4924, 78.7054, 83.9912** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.0260, 76.4986, 84.9969**, and the grayscale version is **74.3017, 78.1712, 85.1284**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3539, 42.1845, 45.0980** is the 20% darker color. If you saturate the color by 10%, you get **64.7406, 74.4307, 72.9749**, and if you desaturate by 10%, it is **83.4133, 83.5653, 96.0587**.

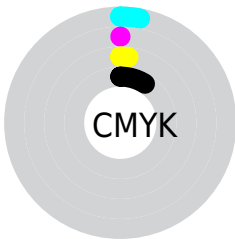
Distribution



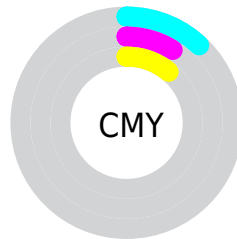
- Red (88%)
- Green (91%)
- Blue (89%)



- Red (88%)
- Yellow (90%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)



- Cyan (12%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4924, 78.7054, 83.9912 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 73.4924, 78.7054, 83.9912 by changing the saturation by 10% instead.

■ 73.4924, 78.7054,
83.9912

■ 73.4924, 78.7054,
83.9912

461.7970,
490.5592, 528.3413

■ 54.6685, 58.6536,
62.4628

123.1754,
131.5440, 140.8245

■ 39.3692, 42.3344,
44.9686

154.7651,
165.0997, 176.9665

■ 27.2290, 29.3632,
31.0899

191.3409,
203.9254, 218.8167

■ 17.8828, 19.3557,
20.4083

233.2680,
248.4056, 266.7938

■ 10.9651, 11.9276,
12.5052

280.9118,
298.9247, 321.3163

■ 6.1105, 6.6944,
6.9620

334.6377,

■ 2.9537, 3.2717,

355.8671, 382.8027

3.3603

394.8110,
419.6171, 451.6715

■ 1.1293, 1.2752,
1.2814

■ 0.0494, 0.1219,
0.0465

■ 73.4924, 78.7054,
83.9912

■ 73.4924, 78.7054,
83.9912

■ 64.7406, 74.4307,
72.9749

■ 83.4133, 83.5653,
96.0587

■ 57.1073, 70.7090,
62.9767

■ 87.8674, 85.6348,
106.5058

■ 50.5482, 67.5202,
53.9691

■ 45.0133, 64.8393,
45.9215

■ 40.4486, 62.6389,
38.8019

■ 36.7948, 60.8894,
32.5763

■ 33.9860, 59.5572,
27.2086

■ 31.9466, 58.6044,
22.6603

■ 30.5864, 57.9853,
18.8894

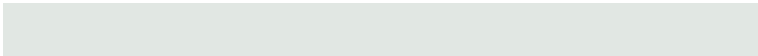
Harmonies

Analogous

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



73.9648, 78.7054, 82.3603



73.4924, 78.7054, 83.9912



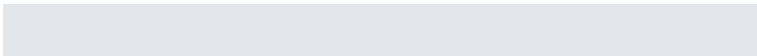
73.3713, 78.7054, 86.1042

Triad

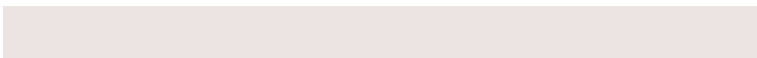
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.4924, 78.7054, 83.9912



74.9492, 78.7054, 89.9024



75.9938, 78.7054, 83.2980

Complementary

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



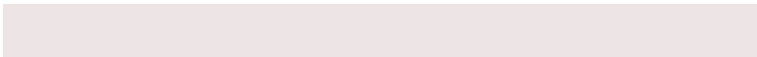
73.4924, 78.7054, 83.9912



74.0260, 76.4986, 84.9969

Split Complementary

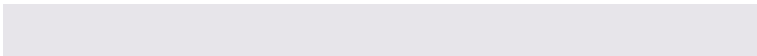
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.2615, 78.7054, 85.2907



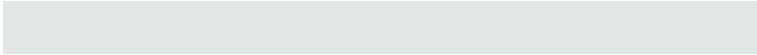
73.4924, 78.7054, 83.9912



75.6559, 78.7054, 89.1222

Square

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



73.4924, 78.7054, 83.9912



74.2092, 78.7054, 89.5404



76.1374, 78.7054, 87.4253



75.4083, 78.7054, 81.9648

Rectangle

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



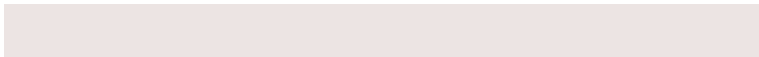
73.4924, 78.7054, 83.9912



73.5054, 78.7054, 87.5071



76.1374, 78.7054, 87.4253



76.1241, 78.7054, 83.9116

Sweetspot

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



73.4946, 78.7088, 83.9929



93.8454, 99.4105, 107.4208



74.5146, 79.2663, 82.6080



20.0995, 21.2842, 23.0081



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.



73.4946, 78.7088, 83.9929



91.4807, 98.2536, 104.5022



73.8988, 78.8704, 86.1214



15.4599, 16.6927, 17.6458



16.8215, 32.3607, 9.5602



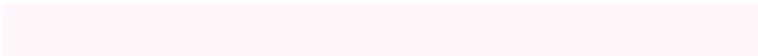
1.2849, 2.4081, 0.9269

Inverse Universe

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



74.0260, 76.4986, 84.9969



92.2503, 95.0528, 105.9561



73.6239, 76.3378, 82.8794



15.6237, 16.0116, 17.9552



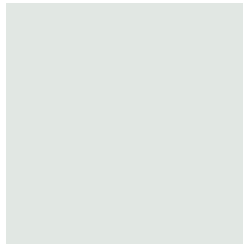
21.8072, 10.8571, 18.4115



1.6541, 0.8194, 1.5852

Previews

White Background



This preview shows how the XYZ color 73.4924, 78.7054, 83.9912 looks on a white background.

Color Contrast Check

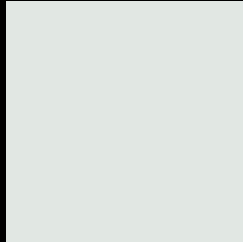
Large Text (above 18pt) WCAG AA × Fail

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 73.4924, 78.7054, 83.9912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

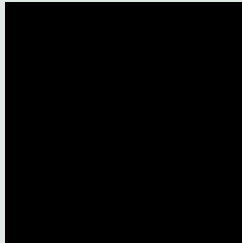
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

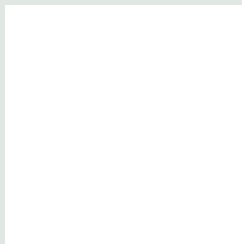
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4924, 78.7054, 83.9912

Background



This preview shows how black text looks on a background with the XYZ color 73.4924, 78.7054, 83.9912.



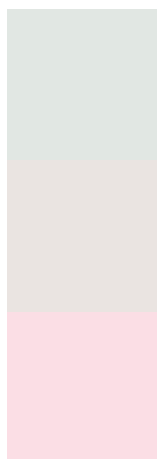
This preview shows how white text looks on a background with the XYZ color 73.4924, 78.7054,

83.9912.

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

73.4924, 78.7054, 83.9912

Protanopia

75.2657, 78.4155, 82.4029

Deuteranopia

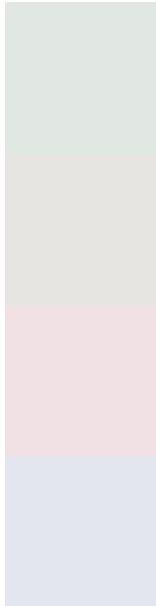
80.0478, 78.4089, 85.0442



Tritanopia

76.3729, 78.6346, 98.3415

Trichromacy



Original Color

73.4924, 78.7054, 83.9912

Protanomaly

74.7018, 78.5185, 83.1699

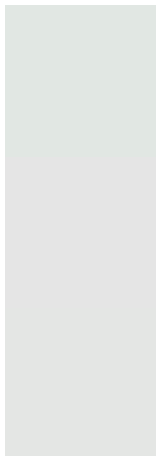
Deuteranomaly

77.5468, 78.3291, 84.4307

Tritanomaly

75.2779, 78.6015, 92.8654

Monochromacy



Original Color

73.4924, 78.7054, 83.9912

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.2953, 78.6890, 84.6715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4924, 78.7054, 83.9912 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(225, 231, 227) looks like.

```
.text, #text, p{  
    color:rgb(225, 231, 227)  
}
```

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(225, 231, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 231, 227) }
```

Border

The CSS property to change the border of an element to XYZ 73.4924, 78.7054, 83.9912 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(225, 231, 227) }
```


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

```
.border{ border-color:rgb(225, 231, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 231, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 231, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 231, 227);  
box-shadow:4px 4px 4px 4px rgb(225, 231,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4924, 78.7054, 83.9912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 231, 227) }
```

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

```
.background{ background-color: rgb(225,  
231, 227) }
```

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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