

Converting Colors

XYZ(71.8672, 78.7680, 80.9939)

Have a look what the booklet for
XYZ(71.8672, 78.7680, 80.9939)
contains.

XYZ(71.9734, 78.8212, 81.2326) 3
***Conversions* 4**
***Details* 6**
***Harmonies* 12**
***Previews* 24**
***Color Blindness Simulation* 28**
***CSS Examples* 31**

Color

**XYZ(71.9734, 78.8212,
81.2326)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE9DF
RGB	220, 233, 223
RGB Percent	86%, 91%, 87%
CMY	0.1372, 0.0863, 0.1255
CMYK	0.06, 0.00, 0.04, 0.09
HSL	134°, 23%, 89%
HSV	134°, 6%, 91%
XYZ	71.9734, 78.8212, 81.2326
YIQ	227.9730, -4.5380, -5.8660

Conversions

Conversions Part 2

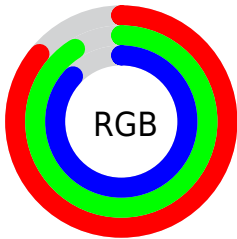
Format	Color
R_{YB}	220, 231, 233
Decimal	14477791
CIE _{Lab}	91.15, -6.13, 3.35
CIE _{LCh}	91, 6.988, 151.315
Yxy	78.8212, 0.3102, 0.3397
Android (android.graphics.Color)	4292667871 (0xFFDCE9DF)
YUV	227.9730, -2.4517, -6.9923
Hunter-Lab	88.7813, -10.6606, 7.8981

Details

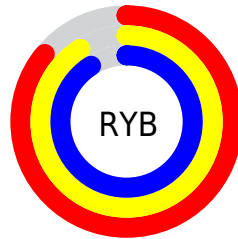
The XYZ color **71.9734, 78.8212, 81.2326** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.4833, 74.2252, 85.3207**, and the grayscale version is **73.7447, 77.5852, 84.4902**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3071, 42.2708, 43.1859** is the 20% darker color. If you saturate the color by 10%, you get **63.1169, 74.5224, 68.8638**, and if you desaturate by 10%, it is **82.0731, 83.7358, 94.9985**.

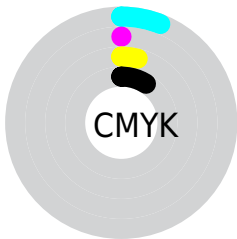
Distribution



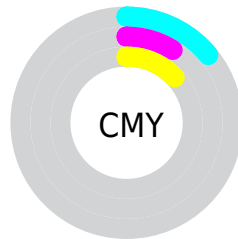
- Red (86%)
- Green (91%)
- Blue (87%)



- Red (86%)
- Yellow (91%)
- Blue (91%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (9%)



- Cyan (14%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9734, 78.8212, 81.2326 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 71.9734, 78.8212, 81.2326 by changing the saturation by 10% instead.

71.9734, 78.8212,
81.2326

71.9734, 78.8212,
81.2326

456.6081,
490.9513, 518.8930

53.4223, 58.7488,
60.2011

121.0297,
131.7071, 136.9243

38.3689, 42.4109,
43.1544

152.2657,
165.2894, 172.4216

26.4476, 29.4232,
29.6739

188.4606,
204.1439, 213.5779

17.2932, 19.4012,
19.3413

229.9800,
248.6548, 260.8117

10.5404, 11.9605,
11.7378

277.1890,
299.2066, 314.5416

5.8237, 6.7168,
6.4451

330.4532,

2.7778, 3.2856,

356.1837, 375.1860

3.0444

390.1377,
419.9704, 443.1637

■ 1.0374, 1.2826,
1.1174

■ 0.0000, 0.1277,
0.0000

■ 71.9734, 78.8212,
81.2326

■ 71.9734, 78.8212,
81.2326

■ 63.1169, 74.5224,
68.8638

■ 82.0731, 83.7358,
94.9985

■ 55.4486, 70.8052,
57.8432

■ 88.4304, 86.7609,
106.6935

■ 48.9193, 67.6475,
48.1268

■ 43.4735, 65.0217,
39.6660

■ 39.0511, 62.8979,
32.4094

■ 35.5861, 61.2432,
26.3019

■ 33.0043, 60.0207,
21.2842

■ 31.2202, 59.1875,
17.2914

■ 30.1300, 58.6916,
14.2517

Harmonies

Analogous

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



73.1636, 78.8212, 77.7687



71.9734, 78.8212, 81.2326



71.5687, 78.8212, 86.0466

Triad

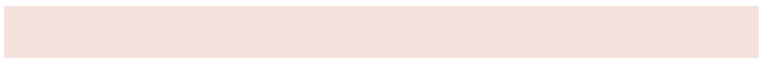
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.9734, 78.8212, 81.2326



74.9952, 78.8212, 95.9321



77.8601, 78.8212, 80.8600

Complementary

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



71.9734, 78.8212, 81.2326



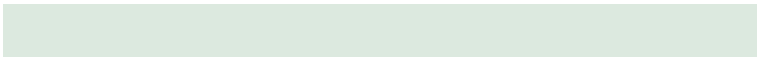
73.4833, 74.2252, 85.3207

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.



78.3685, 78.8212, 85.5996



71.9734, 78.8212, 81.2326



76.6985, 78.8212, 94.4149

Square

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



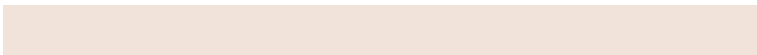
71.9734, 78.8212, 81.2326



73.2968, 78.8212, 94.6532



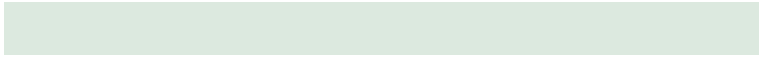
77.9402, 78.8212, 90.5829



76.5613, 78.8212, 77.5596

Rectangle

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



71.9734, 78.8212, 81.2326



71.7937, 78.8212, 89.4118



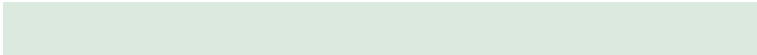
77.9402, 78.8212, 90.5829



78.1300, 78.8212, 82.3313

Sweetspot

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



71.9756, 78.8246, 81.2343



92.5732, 98.7954, 105.5204



74.7524, 80.3024, 79.2712



19.8404, 21.1589, 22.6212



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.



71.9756, 78.8246, 81.2343



86.6524, 95.9173, 97.3760



72.8438, 79.1719, 85.8063



15.3893, 17.1030, 17.2651



16.9478, 33.2336, 7.6904



1.3669, 2.6241, 0.7938

Inverse Universe

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



73.4833, 74.2252, 85.3207



88.9616, 88.8729, 103.6346



72.6116, 73.8765, 80.7305



15.8325, 15.7511, 18.4662



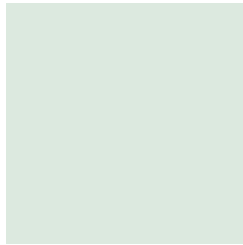
23.7485, 11.7021, 25.5407



1.9009, 0.9333, 2.1957

Previews

White Background



This preview shows how the XYZ color 71.9734, 78.8212, 81.2326 looks on a white background.

Color Contrast Check

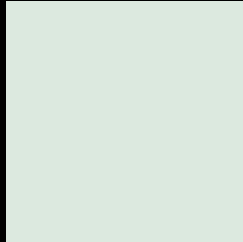
Large Text (above 18pt) WCAG AA × Fail

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 71.9734, 78.8212, 81.2326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

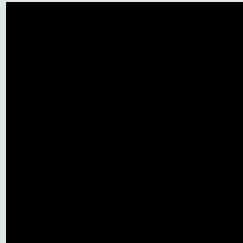
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

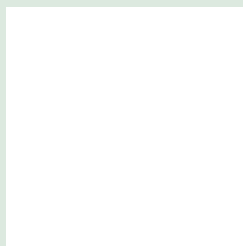
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.9734, 78.8212, 81.2326

Background



This preview shows how black text looks on a background with the XYZ color 71.9734, 78.8212, 81.2326.



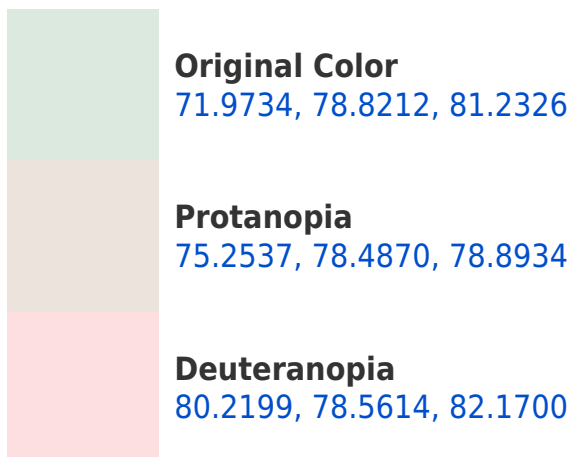
This preview shows how white text looks on a background with the XYZ color 71.9734, 78.8212,

81.2326.

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

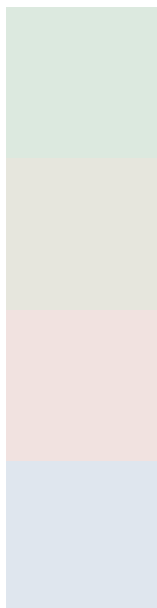




Tritanopia

75.5483, 78.6013, 99.1854

Trichromacy



Original Color

71.9734, 78.8212, 81.2326

Protanomaly

73.9811, 78.6371, 79.6859

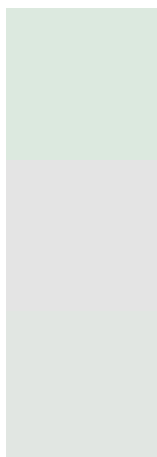
Deuteranomaly

76.9265, 78.4753, 81.6138

Tritanomaly

74.1609, 78.4547, 92.1235

Monochromacy



Original Color

71.9734, 78.8212, 81.2326

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.0756, 78.0922, 83.1733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9734, 78.8212, 81.2326 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(220, 233, 223) looks like.

```
.text, #text, p{  
    color:rgb(220, 233, 223)  
}
```

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(220, 233, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 233, 223) }
```

Border

The CSS property to change the border of an element to XYZ 71.9734, 78.8212, 81.2326 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(220, 233, 223) }
```


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

```
.border{ border-color:rgb(220, 233, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 233, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 233, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 233, 223);  
box-shadow:4px 4px 4px 4px rgb(220, 233,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9734, 78.8212, 81.2326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 233, 223) }
```

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

```
.background{ background-color: rgb(220,  
233, 223) }
```

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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