

Converting Colors

XYZ(72.6846, 78.7817, 81.8143)

Have a look what the booklet for
XYZ(72.6846, 78.7817, 81.8143)
contains.

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Color

**XYZ(72.7426, 78.7830,
81.8937)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE8E0
RGB	223, 232, 224
RGB Percent	87%, 91%, 88%
CMY	0.1255, 0.0902, 0.1216
CMYK	0.04, 0.00, 0.03, 0.09
HSL	127°, 16%, 89%
HSV	127°, 4%, 91%
XYZ	72.7426, 78.7830, 81.8937
YIQ	228.3970, -2.7960, -4.3960

Conversions

Conversions Part 2

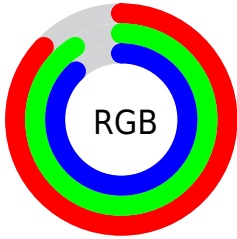
Format	Color
R_{YB}	223, 231, 232
Decimal	14674144
CIE _{Lab}	91.14, -4.44, 2.83
CIE _{LCh}	91, 5.266, 147.442
Yxy	78.7830, 0.3116, 0.3375
Android (android.graphics.Color)	4292864224 (0xFFDFE8E0)
YUV	228.3970, -2.1677, -4.7332
Hunter-Lab	88.7598, -9.0409, 7.4283

Details

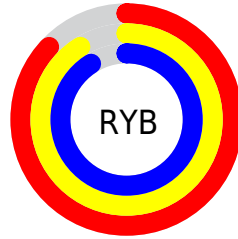
The XYZ color **72.7426, 78.7830, 81.8937** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.0931, 75.7027, 86.3122**, and the grayscale version is **74.0522, 77.9087, 84.8426**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8352, 42.2401, 43.6424** is the 20% darker color. If you saturate the color by 10%, you get **63.4490, 74.2981, 67.7332**, and if you desaturate by 10%, it is **83.3594, 83.9153, 97.8904**.

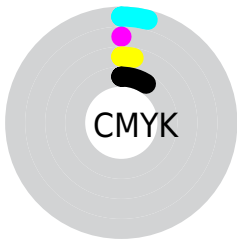
Distribution



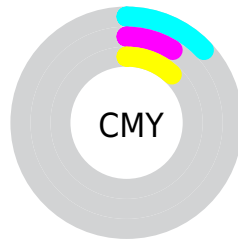
- Red (87%)
- Green (91%)
- Blue (88%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.7426, 78.7830, 81.8937 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 72.7426, 78.7830, 81.8937 by changing the saturation by 10% instead.

■ 72.7426, 78.7830,
81.8937

■ 72.7426, 78.7830,
81.8937

459.2398,
490.8219, 521.1662

■ 54.0531, 58.7174,
60.7426

122.1168,
131.6533, 137.8603

■ 38.8750, 42.3857,
43.5883

153.5323,
165.2268, 173.5128

■ 26.8428, 29.4034,
30.0121

189.9205,
204.0718, 214.8363

■ 17.5912, 19.3862,
19.5957

231.6468,
248.5726, 262.2492

■ 10.7548, 11.9497,
11.9203

279.0765,
299.1136, 316.1701

■ 5.9683, 6.7094,
6.5676

332.5750,

■ 2.8663, 3.2810,

356.0792, 377.0176

3.1189

392.5077,
419.8539, 445.2101

■ 1.0834, 1.2802,
1.1556

■ 0.0112, 0.1258,
0.0000

■ 72.7426, 78.7830,
81.8937

■ 72.7426, 78.7830,
81.8937

■ 63.4490, 74.2981,
67.7332

■ 83.3594, 83.9153,
97.8904

■ 55.4204, 70.4252,
55.3383

■ 88.1481, 86.1962,
106.5994

■ 48.6038, 67.1408,
44.6412

■ 42.9402, 64.4161,
35.5680

■ 38.3654, 62.2196,
28.0393

■ 34.8091, 60.5169,
21.9690

■ 32.1925, 59.2694,
17.2626

■ 30.4251, 58.4328,
13.8145

■ 29.3985, 57.9536,
11.5035

Harmonies

Analogous

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



73.7066, 78.7830, 79.4341



72.7426, 78.7830, 81.8937



72.3510, 78.7830, 85.4543

Triad

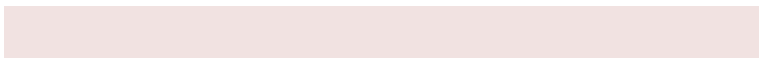
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7426, 78.7830, 81.8937



74.7666, 78.7830, 93.3206



77.1772, 78.7830, 82.4447

Complementary

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



72.7426, 78.7830, 81.8937



74.0931, 75.7027, 86.3122

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.



77.4691, 78.7830, 86.1091



72.7426, 78.7830, 81.8937



76.0676, 78.7830, 92.4579

Square

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



72.7426, 78.7830, 81.8937



73.5108, 78.7830, 92.1141



77.0607, 78.7830, 89.7900



76.2678, 78.7830, 79.7456

Rectangle

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



72.7426, 78.7830, 81.8937



72.4636, 78.7830, 87.9990



77.0607, 78.7830, 89.7900



77.3513, 78.7830, 83.6011

Sweetspot

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



72.7448, 78.7864, 81.8954



93.7552, 99.3744, 106.9456



75.1665, 80.0504, 81.3028



20.0811, 21.2768, 22.9114



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.



72.7448, 78.7864, 81.8954



88.7423, 96.9529, 99.3590



73.3498, 79.0284, 85.0811



15.0106, 16.4804, 16.7536



16.1448, 32.0900, 5.9968



1.2149, 2.3801, 0.5580

Inverse Universe

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



74.0931, 75.7027, 86.3122



90.8894, 92.0423, 106.3925



73.4789, 75.4571, 83.0781



15.4222, 15.5392, 18.1017



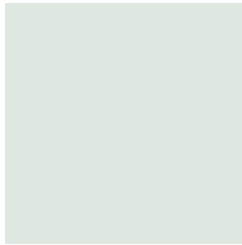
24.7048, 12.0161, 33.6699



1.8454, 0.8959, 2.5923

Previews

White Background



This preview shows how the XYZ color 72.7426, 78.7830, 81.8937 looks on a white background.

Color Contrast Check

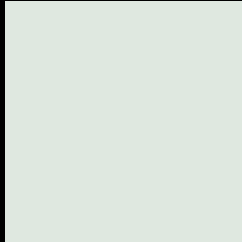
Large Text (above 18pt) WCAG AA × Fail

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 72.7426, 78.7830, 81.8937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

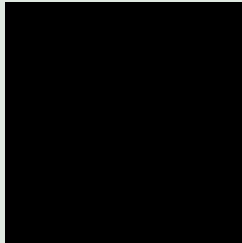
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

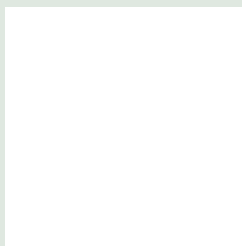
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.7426, 78.7830, 81.8937

Background



This preview shows how black text looks on a background with the XYZ color 72.7426, 78.7830, 81.8937.



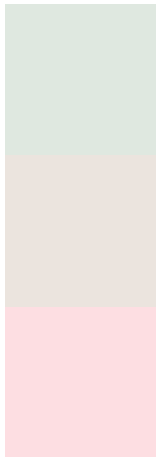
This preview shows how white text looks on a background with the XYZ color 72.7426, 78.7830,

81.8937.

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

72.7426, 78.7830, 81.8937

Protanopia

75.1892, 78.4229, 80.2815

Deuteranopia

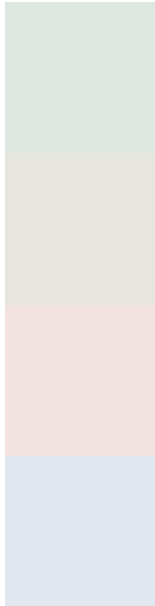
80.3568, 78.6162, 82.8907



Tritanopia

76.4864, 79.0849, 99.2293

Trichromacy



Original Color

72.7426, 78.7830, 81.8937

Protanomaly

74.2936, 78.3553, 81.0204

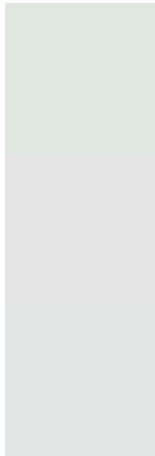
Deuteranomaly

77.4049, 78.7062, 82.3463

Tritanomaly

75.2408, 78.9944, 92.9432

Monochromacy



Original Color

72.7426, 78.7830, 81.8937

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.2485, 77.7534, 83.8203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7426, 78.7830, 81.8937 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(223, 232, 224) looks like.

```
.text, #text, p{  
    color:rgb(223, 232, 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(223, 232, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 232, 224) }
```

Border

The CSS property to change the border of an element to XYZ 72.7426, 78.7830, 81.8937 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(223, 232, 224) }
```


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

```
.border{ border-color:rgb(223, 232, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 232, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 232, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 232, 224);  
box-shadow:4px 4px 4px 4px rgb(223, 232,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7426, 78.7830, 81.8937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 232, 224) }
```

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

```
.background{ background-color: rgb(223,  
232, 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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