

Converting Colors

XYZ(72.9126, 77.4987, 81.9144)

Have a look what the booklet for
XYZ(72.9126, 77.4987, 81.9144)
contains.

| | |
|--|----|
| XYZ(72.8379, 77.5892, 81.6583) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(72.8379, 77.5892,
81.6583)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E2E5E0 |
| RGB | 226, 229, 224 |
| RGB Percent | 89%, 90%, 88% |
| CMY | 0.1137, 0.1019, 0.1216 |
| CMYK | 0.01, 0.00, 0.02, 0.10 |
| HSL | 96°, 9%, 89% |
| HSV | 96°, 2%, 90% |
| XYZ | 72.8379, 77.5892, 81.6583 |
| YIQ | 227.5330, -0.1830, -2.1910 |

Conversions

Conversions Part 2

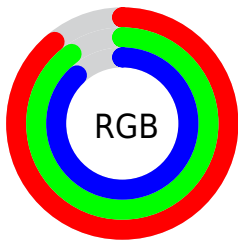
| Format | Color |
|-------------------------------------|---|
| RYB | 224, 229, 227 |
| Decimal | 14869984 |
| CIELab | 90.59, -1.89, 2.07 |
| CIELCh | 91, 2.806, 132.454 |
| Yxy | 77.5892, 0.3138, 0.3343 |
| Android (android.graphics.Color) | 4293060064 (0xFFE2E5E0) |
| YUV | 227.5330, -1.7418, -1.3444 |
| Hunter-Lab | 88.0847, -6.5453, 6.6950 |

Details

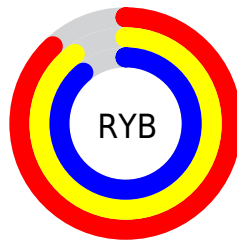
The XYZ color **72.8379, 77.5892, 81.6583** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.4801, 75.3015, 84.8473**, and the grayscale version is **73.4161, 77.2394, 84.1137**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0921, 41.7946, 43.5429** is the 20% darker color. If you saturate the color by 10%, you get **65.7997, 74.2981, 66.1937**, and if you desaturate by 10%, it is **80.6445, 81.2325, 99.3456**.

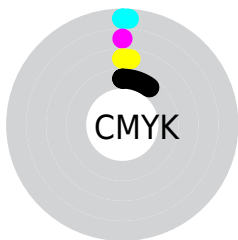
Distribution



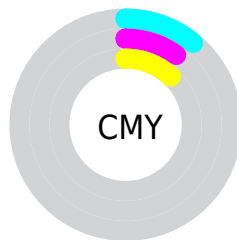
- Red (89%)
- Green (90%)
- Blue (88%)



- Red (88%)
- Yellow (90%)
- Blue (89%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (11%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.8379, 77.5892, 81.6583 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 72.8379, 77.5892, 81.6583 by changing the saturation by 10% instead.

■ 72.8379, 77.5892,
81.6583

■ 72.8379, 77.5892,
81.6583

459.5653,
486.7706, 520.3574

■ 54.1313, 57.7366,
60.5497

122.2514,
129.9709, 137.5271

■ 38.9378, 41.5969,
43.4337

153.6891,
163.2687, 173.1244

■ 26.8918, 28.7858,
29.8916

190.1012,
201.8171, 214.3884

■ 17.6282, 18.9188,
19.5050

231.8531,
246.0003, 261.7376

■ 10.7814, 11.6116,
11.8552

279.3100,
296.2029, 315.5906

■ 5.9863, 6.4798,
6.5238

332.8375,

■ 2.8773, 3.1390,

352.8092, 376.3659

3.0923

392.8008,
416.2037, 444.4819

■ 1.0892, 1.2047,
1.1419

■ 0.0161, 0.0656,
0.0000

■ 72.8379, 77.5892,
81.6583

■ 72.8379, 77.5892,
81.6583

■ 65.7997, 74.2981,
66.1937

■ 80.6445, 81.2325,
99.3456

■ 59.4989, 71.3385,
52.8590

■ 86.7604, 84.2379,
106.2945

■ 53.9113, 68.7023,
41.5621

■ 87.3108, 84.5216,
106.3203

■ 49.0094, 66.3774,
32.2025

■ 44.7634, 64.3508,
24.6709

■ 41.1412, 62.6086,
18.8473

■ 38.1073, 61.1355,
14.5974

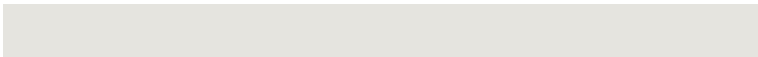
■ 35.6219, 59.9143,
11.7665

■ 33.6389, 58.9253,
10.1686

Harmonies

Analogous

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



73.4552, 77.5892, 80.7588



72.8379, 77.5892, 81.6583



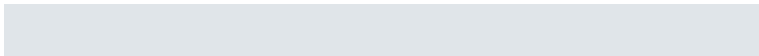
72.4654, 77.5892, 83.3202

Triad

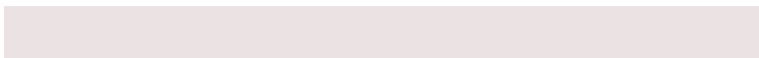
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.8379, 77.5892, 81.6583



73.3396, 77.5892, 88.2251



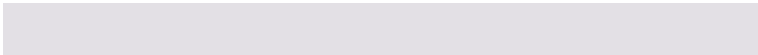
75.0735, 77.5892, 83.6497

Complementary

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



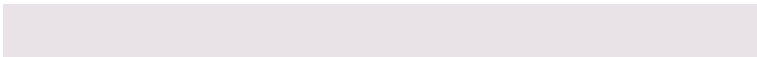
72.8379, 77.5892, 81.6583



72.4801, 75.3015, 84.8473

Split Complementary

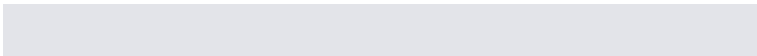
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.0421, 77.5892, 85.6535



72.8379, 77.5892, 81.6583



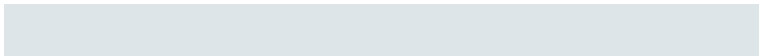
74.0380, 77.5892, 88.3168

Square

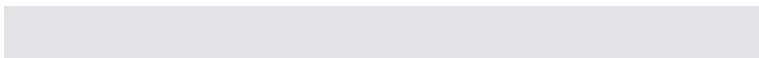
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



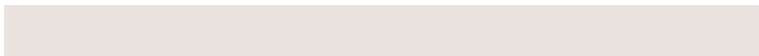
72.8379, 77.5892, 81.6583



72.7537, 77.5892, 87.1205



74.6620, 77.5892, 87.3689



74.7477, 77.5892, 81.8962

Rectangle

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



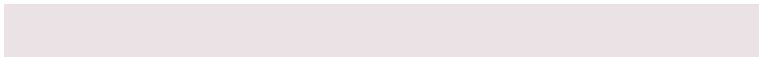
72.8379, 77.5892, 81.6583



72.4045, 77.5892, 84.6472



74.6620, 77.5892, 87.3689



75.1044, 77.5892, 84.3159

Sweetspot

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



72.8401, 77.5925, 81.6600



94.0811, 99.5476, 106.7258



73.2398, 76.9812, 81.5209



20.1475, 21.3121, 22.8666



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

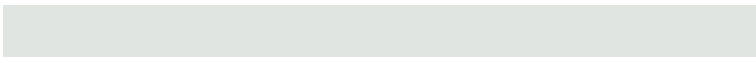
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.8401, 77.5925, 81.6600



92.1730, 98.6564, 102.4637



72.2846, 77.2983, 81.9888



15.6068, 16.7782, 17.2135



18.6434, 33.3925, 5.4628



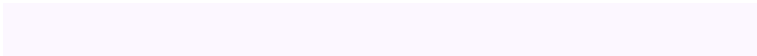
1.4802, 2.5204, 0.4085

Inverse Universe

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



72.4801, 75.3015, 84.8473



91.5420, 94.6405, 108.0504



73.0448, 75.6007, 84.5095



15.4725, 15.9236, 18.4024



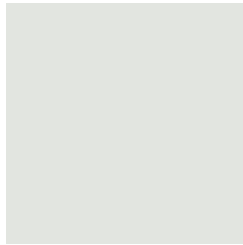
14.1692, 6.3704, 42.8660



1.1512, 0.5244, 3.1725

Previews

White Background



This preview shows how the XYZ color 72.8379, 77.5892, 81.6583 looks on a white background.

Color Contrast Check

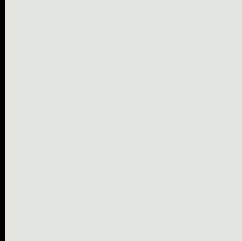
Large Text (above 18pt) WCAG AA × Fail

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 72.8379, 77.5892, 81.6583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

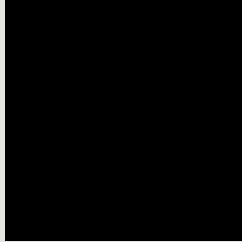
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

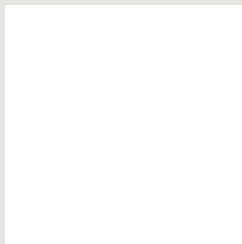
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.8379, 77.5892, 81.6583

Background



This preview shows how black text looks on a background with the XYZ color 72.8379, 77.5892, 81.6583.



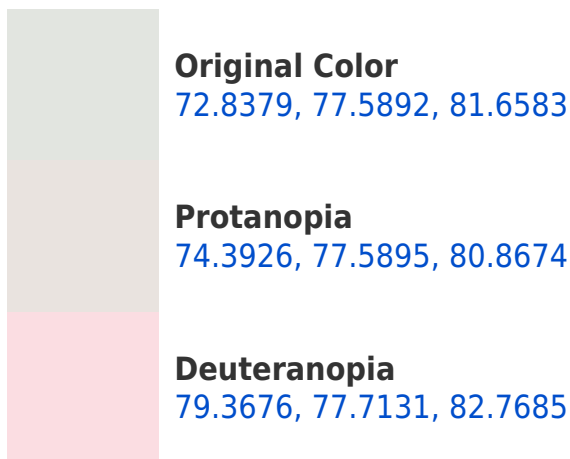
This preview shows how white text looks on a background with the XYZ color 72.8379, 77.5892,

81.6583.

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

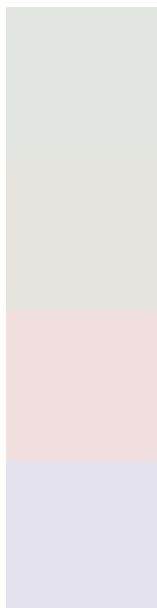




Tritanopia

75.8386, 77.5824, 96.5657

Trichromacy



Original Color

72.8379, 77.5892, 81.6583

Protanomaly

73.6958, 77.6375, 80.9134

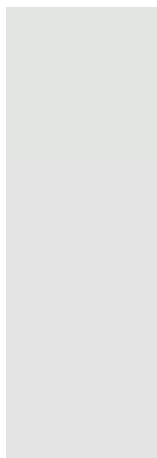
Deuteranomaly

76.8642, 77.6248, 82.1661

Tritanomaly

74.7501, 77.5466, 91.1490

Monochromacy



Original Color

72.8379, 77.5892, 81.6583

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.2871, 77.3637, 83.7431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8379, 77.5892, 81.6583 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(226, 229, 224) looks like.

```
.text, #text, p{  
    color:rgb(226, 229, 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(226, 229, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 229, 224) }
```

Border

The CSS property to change the border of an element to XYZ 72.8379, 77.5892, 81.6583 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(226, 229, 224) }
```


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

```
.border{ border-color:rgb(226, 229, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 229, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 229, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 229, 224);  
box-shadow:4px 4px 4px 4px rgb(226, 229,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8379, 77.5892, 81.6583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 229, 224) }
```

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

```
.background{ background-color: rgb(226,  
229, 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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