

Converting Colors

XYZ(69.7161, 72.7096, 82.5493)

Have a look what the booklet for
XYZ(69.7161, 72.7096, 82.5493)
contains.

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Color

**XYZ(69.7081, 72.7335,
82.3165)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | DEDDE2 |
| RGB | 222, 221, 226 |
| RGB Percent | 87%, 87%, 89% |
| CMY | 0.1294, 0.1333, 0.1137 |
| CMYK | 0.02, 0.02, 0.00, 0.11 |
| HSL | 252°, 8%, 88% |
| HSV | 252°, 2%, 89% |
| XYZ | 69.7081, 72.7335, 82.3165 |
| YIQ | 221.8690, -1.0090, 1.7670 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 222, 221, 226 |
| Decimal | 14605794 |
| CIE Lab | 88.32, 1.25, -2.33 |
| CIE LCh | 88, 2.646, 298.137 |
| Yxy | 72.7335, 0.3101, 0.3236 |
| Android (android.graphics.Color) | 4292795874 (0xFFDEDE2) |
| YUV | 221.8690, 2.0366, 0.1149 |
| Hunter-Lab | 85.2839, -3.3472, 2.4717 |

Details

The XYZ color **69.7081, 72.7335, 82.3165** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.3017, 75.6227, 79.2490**, and the grayscale version is **69.3271, 72.9375, 79.4289**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.9233, 38.4282, 43.9994** is the 20% darker color. If you saturate the color by 10%, you get **58.8908, 58.8889, 80.2155**, and if you desaturate by 10%, it is **81.9275, 88.4973, 84.7163**.

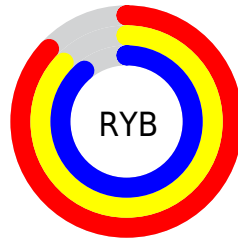
Distribution



Red (87%)

Green (87%)

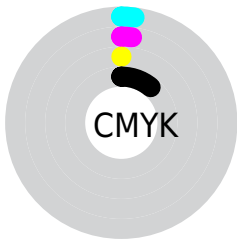
Blue (89%)



Red (87%)

Yellow (87%)

Blue (89%)

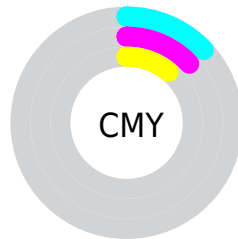


Cyan (2%)

Magenta (2%)

Yellow (0%)

Black (11%)



Cyan (13%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.7081, 72.7335, 82.3165 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 69.7081, 72.7335, 82.3165 by changing the saturation by 10% instead.

■ 69.7081, 72.7335,
82.3165

■ 69.7081, 72.7335,
82.3165

448.8068,
470.0906, 522.6170

■ 51.5673, 53.7581,
61.0891

117.8209,
123.0988, 138.4584

■ 36.8832, 38.4083,
43.8661

148.5237,
155.2575, 174.2100

■ 25.2903, 26.2997,
30.2288

184.1445,
192.5794, 215.6401

■ 16.4234, 17.0480,
19.7588

225.0488,
235.4488, 263.1673

■ 9.9170, 10.2687,
12.0375

271.6018,
284.2503, 317.2100

■ 5.4058, 5.5775,
6.6464

324.1689,

■ 2.5245, 2.5899,

339.3682, 378.1868

3.1669

383.1154,
401.1868, 446.5163

■ 0.9076, 0.9216,
1.1805

■ 0.0000, 0.0000,
0.0000

■ 69.7081, 72.7335,
82.3165

■ 69.7081, 72.7335,
82.3165

■ 58.8908, 58.8889,
80.2155

■ 81.9275, 88.4973,
84.7163

■ 49.4190, 46.8810,
78.3969

■ 90.7277, 98.2711,
86.1390

■ 41.2410, 36.6346,
76.8502

■ 34.2995, 28.0661,
75.5621

■ 28.5330, 21.0848,
74.5186

■ 23.8742, 15.5915,
73.7038

■ 20.2491, 11.4756,
73.1004

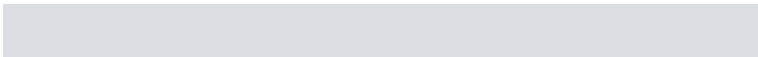
■ 17.5738, 8.6105,
72.6884

■ 15.7502, 6.8454,
72.4438

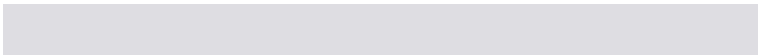
Harmonies

Analogous

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



69.0913, 72.7335, 82.7391



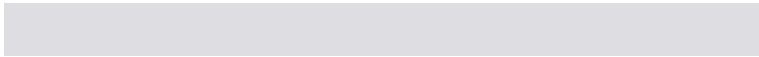
69.7081, 72.7335, 82.3165



70.1726, 72.7335, 81.0537

Triad

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



69.7081, 72.7335, 82.3165



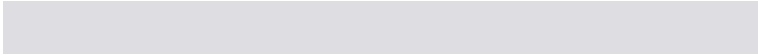
69.7772, 72.7335, 76.2630



67.9185, 72.7335, 79.0809

Complementary

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



69.7081, 72.7335, 82.3165



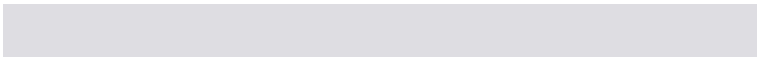
71.3017, 75.6227, 79.2490

Split Complementary

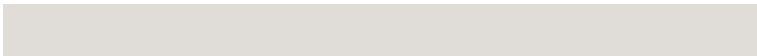
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.0997, 72.7335, 77.3638



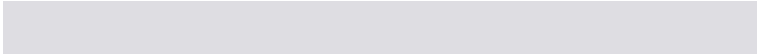
69.7081, 72.7335, 82.3165



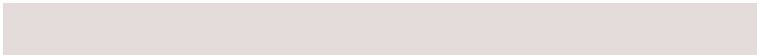
69.1707, 72.7335, 75.7524

Square

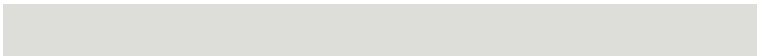
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.7081, 72.7335, 82.3165



70.2127, 72.7335, 77.5577



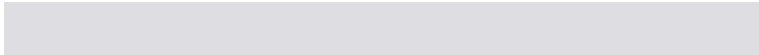
68.5571, 72.7335, 76.1523



68.0605, 72.7335, 80.8540

Rectangle

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



69.7081, 72.7335, 82.3165



70.3322, 72.7335, 79.9151



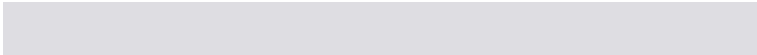
68.5571, 72.7335, 76.1523



67.9436, 72.7335, 78.4781

Sweetspot

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



69.7102, 72.7366, 82.3181



93.4948, 97.9986, 108.5957



70.4965, 74.7608, 82.6674



20.0281, 20.9968, 23.2471



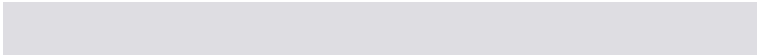
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



69.7102, 72.7366, 82.3181



90.4403, 94.0726, 107.9989



70.4562, 73.1212, 82.3530



14.5264, 15.0651, 17.5299



8.5273, 3.4913, 41.2728



0.6637, 0.2795, 2.8642

Inverse Universe

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



70.8137, 73.3213, 81.6582



92.4133, 95.1180, 106.8145



70.5531, 75.2368, 79.2140



14.9259, 15.2768, 17.2892



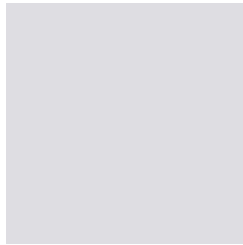
22.6914, 11.1435, 26.1042



1.6030, 0.7845, 1.9683

Previews

White Background



This preview shows how the XYZ color 69.7081, 72.7335, 82.3165 looks on a white background.

Color Contrast Check

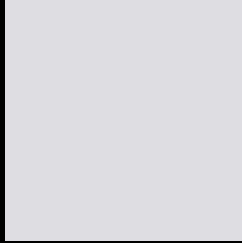
Large Text (above 18pt) WCAG AA × Fail

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 69.7081, 72.7335, 82.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

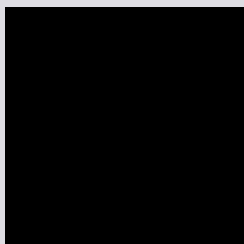
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

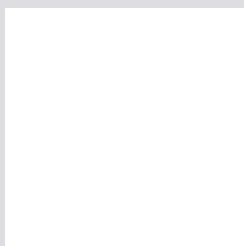
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.7081, 72.7335, 82.3165

Background



This preview shows how black text looks on a background with the XYZ color 69.7081, 72.7335, 82.3165.

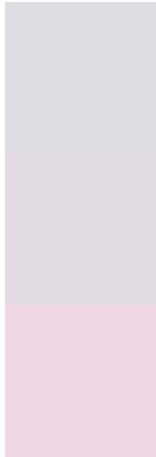


This preview shows how white text looks on a background with the XYZ color 69.7081, 72.7335,

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

69.7081, 72.7335, 82.3165

Protanopia

70.0611, 72.5247, 82.2576

Deuteranopia

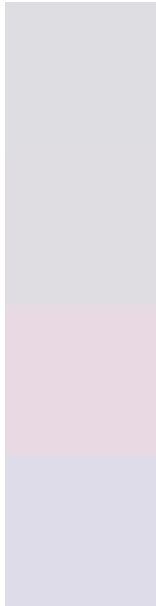
74.1007, 72.6722, 82.7947



Tritanopia

71.3580, 72.6248, 90.3778

Trichromacy



Original Color

69.7081, 72.7335, 82.3165

Protanomaly

69.7521, 72.3654, 82.2431

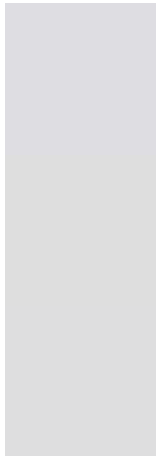
Deuteranomaly

72.2823, 72.4954, 82.8564

Tritanomaly

70.7326, 72.7576, 87.4064

Monochromacy



Original Color

69.7081, 72.7335, 82.3165

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.5648, 73.0999, 80.2553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7081, 72.7335, 82.3165 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, 221, 226) looks like.

```
.text, #text, p{  
    color:rgb(222, 221, 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, 221, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 221, 226) }
```

Border

The CSS property to change the border of an element to XYZ 69.7081, 72.7335, 82.3165 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, 221, 226) }
```


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

```
.border{ border-color:rgb(222, 221, 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, 221, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 221, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 221, 226); box-shadow:4px 4px 4px 4px rgb(222, 221, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7081, 72.7335, 82.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 221, 226) }
```

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

```
.background{ background-color: rgb(222,  
221, 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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