

Converting Colors

XYZ(68.9281, 74.7253, 82.7420)

Have a look what the booklet for
XYZ(68.9281, 74.7253, 82.7420)
contains.

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Color

**XYZ(68.9281, 74.7253,
82.7420)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E3E2
RGB	214, 227, 226
RGB Percent	84%, 89%, 89%
CMY	0.1608, 0.1098, 0.1137
CMYK	0.06, 0.00, 0.00, 0.11
HSL	175°, 19%, 86%
HSV	175°, 6%, 89%
XYZ	68.9281, 74.7253, 82.7420
YIQ	222.9990, -7.4270, -3.0670

Conversions

Conversions Part 2

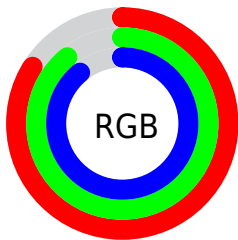
Format	Color
R _Y B	214, 221, 227
Decimal	14083042
CIE Lab	89.26, -4.51, -1.02
CIE LCh	89, 4.622, 192.743
Yxy	74.7253, 0.3045, 0.3301
Android (android.graphics.Color)	4292273122 (0xFFD6E3E2)
YUV	222.9990, 1.4795, -7.8921
Hunter-Lab	86.4438, -8.9453, 3.7596

Details

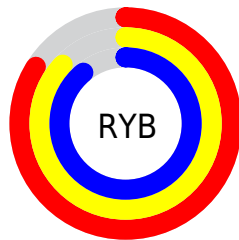
The XYZ color **68.9281, 74.7253, 82.7420** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.9936, 69.3323, 74.0924**, and the grayscale version is **70.1339, 73.7864, 80.3533**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4013, 39.8163, 44.2948** is the 20% darker color. If you saturate the color by 10%, you get **62.5206, 71.4518, 81.1949**, and if you desaturate by 10%, it is **76.2656, 78.4821, 84.3485**.

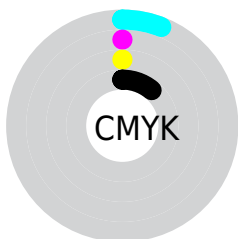
Distribution



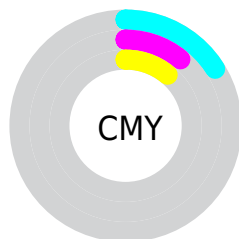
- Red (84%)
- Green (89%)
- Blue (89%)



- Red (84%)
- Yellow (87%)
- Blue (89%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (16%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.9281, 74.7253, 82.7420 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 68.9281, 74.7253, 82.7420 by changing the saturation by 10% instead.

■ 68.9281, 74.7253,
82.7420

■ 68.9281, 74.7253,
82.7420

446.1027,
476.9729, 524.0747

■ 50.9296, 55.3879,
61.4380

116.7135,
125.9234, 139.0601

■ 36.3734, 39.7124,
44.1459

147.2311,
158.5529, 174.9111

■ 24.8942, 27.3143,
30.4472

182.6524,
196.3819, 216.4483

■ 16.1265, 17.8094,
19.9233

223.3429,
239.7948, 264.0902

■ 9.7051, 10.8133,
12.1558

269.6678,
289.1759, 318.2552

■ 5.2647, 5.9414,
6.7260

321.9925,

■ 2.4397, 2.8095,

344.9097, 379.3619

3.2155

380.6823,
407.3806, 447.8289

■ 0.8650, 1.0331,
1.2057

■ 0.0000, 0.0000,
0.0000

■ 68.9281, 74.7253,
82.7420

■ 68.9281, 74.7253,
82.7420

■ 62.5206, 71.4518,
81.1949

■ 76.2656, 78.4821,
84.3485

■ 56.9987, 68.6326,
79.7006

■ 82.9241, 81.8864,
85.9346

■ 52.3240, 66.2497,
78.2586

■ 83.1707, 81.9851,
87.2334

■ 48.4528, 64.2808,
76.8669

■ 83.4199, 82.0848,
88.5454

■ 45.3372, 62.7012,
75.5233

■ 83.6715, 82.1854,
89.8704

■ 42.9246, 61.4837,
74.2252

■ 83.9256, 82.2870,
91.2085

■ 41.1555, 60.5976,
72.9698

■ 84.1822, 82.3897,
92.5599

■ 39.9604, 60.0072,
71.7539

■ 84.4414, 82.4933,
93.9244

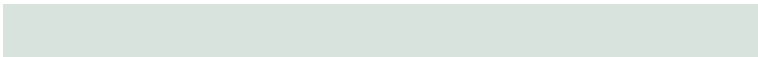
■ 39.2538, 59.6683,
70.5733

■ 84.7030, 82.5980,
95.3021

Harmonies

Analogous

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



68.9715, 74.7253, 79.5330



68.9281, 74.7253, 82.7420



69.4420, 74.7253, 85.6554

Triad

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



68.9281, 74.7253, 82.7420



72.5075, 74.7253, 86.0142



71.6700, 74.7253, 75.5701

Complementary

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



68.9281, 74.7253, 82.7420



67.9936, 69.3323, 74.0924

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.



72.6301, 74.7253, 77.2167



68.9281, 74.7253, 82.7420



73.1172, 74.7253, 83.2212

Square

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



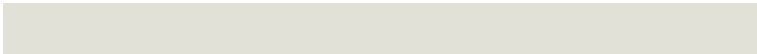
68.9281, 74.7253, 82.7420



71.5040, 74.7253, 87.5780



73.1623, 74.7253, 79.9997



70.5465, 74.7253, 75.4495

Rectangle

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



68.9281, 74.7253, 82.7420



70.0347, 74.7253, 87.0151



73.1623, 74.7253, 79.9997



72.0228, 74.7253, 75.9614

Sweetspot

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



68.9302, 74.7285, 82.7436



93.1352, 99.0202, 108.4799



67.6577, 74.2561, 74.3864



19.9548, 21.2047, 23.2236



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

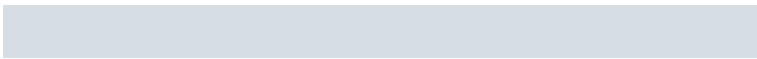
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.9302, 74.7285, 82.7436



88.5641, 96.6819, 107.4428



67.6096, 71.8662, 82.9849



15.0348, 16.4583, 18.3163



22.7864, 34.7467, 40.9711



1.6982, 2.5734, 3.1033

Inverse Universe

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



67.9936, 69.3323, 74.0924



87.0779, 88.1194, 93.7152



69.2592, 72.0692, 73.8799



14.7633, 14.8940, 15.8085



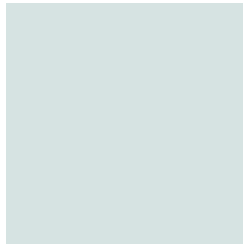
18.5528, 9.5553, 1.2741



1.3868, 0.7124, 0.1775

Previews

White Background



This preview shows how the XYZ color 68.9281, 74.7253, 82.7420 looks on a white background.

Color Contrast Check

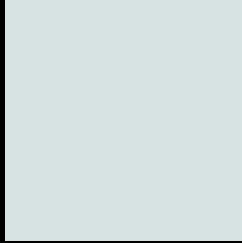
Large Text (above 18pt) WCAG AA × Fail

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 68.9281, 74.7253, 82.7420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

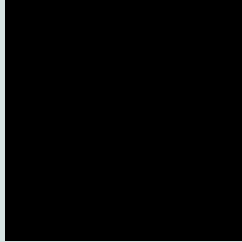
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

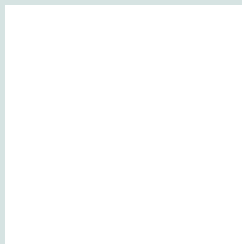
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.9281, 74.7253, 82.7420

Background



This preview shows how black text looks on a background with the XYZ color 68.9281, 74.7253, 82.7420.



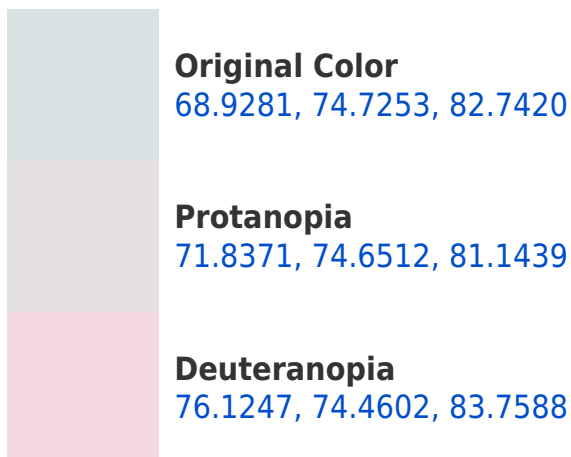
This preview shows how white text looks on a background with the XYZ color 68.9281, 74.7253,

82.7420.

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

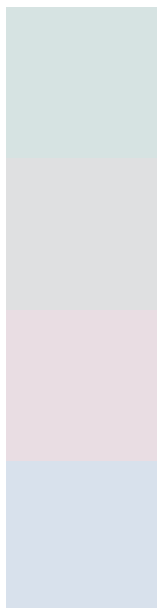




Tritanopia

71.2979, 74.4738, 94.6215

Trichromacy



Original Color

68.9281, 74.7253, 82.7420

Protanomaly

70.6777, 74.4355, 81.8765

Deuteranomaly

73.3259, 74.5826, 83.2042

Tritanomaly

70.3844, 74.5055, 90.0282

Monochromacy



Original Color

68.9281, 74.7253, 82.7420

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.6254, 73.9088, 81.1172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.9281, 74.7253, 82.7420 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(214, 227, 226) looks like.

```
.text, #text, p{  
    color:rgb(214, 227, 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(214, 227, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 227, 226) }
```

Border

The CSS property to change the border of an element to XYZ 68.9281, 74.7253, 82.7420 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(214, 227, 226) }
```


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

```
.border{ border-color:rgb(214, 227, 226) }
```

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

Here you see how a box with a 4 pixel rgb(214, 227, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 227, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 227, 226);  
box-shadow:4px 4px 4px 4px rgb(214, 227,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 68.9281, 74.7253, 82.7420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 227, 226) }
```

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

```
.background{ background-color: rgb(214,  
227, 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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