

Converting Colors

XYZ(70.2948, 74.9683, 82.9555)

Have a look what the booklet for
XYZ(70.2948, 74.9683, 82.9555)
contains.

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Color

**XYZ(70.1372, 74.9438,
82.7205)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE2E2
RGB	219, 226, 226
RGB Percent	86%, 89%, 89%
CMY	0.1412, 0.1137, 0.1137
CMYK	0.03, 0.00, 0.00, 0.11
HSL	180°, 11%, 87%
HSV	180°, 3%, 89%
XYZ	70.1372, 74.9438, 82.7205
YIQ	223.9070, -4.1720, -1.4840

Conversions

Conversions Part 2

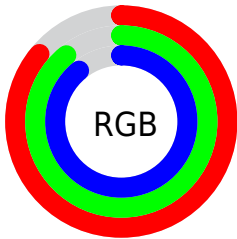
Format	Color
RYB	219, 223, 226
Decimal	14410466
CIELab	89.37, -2.34, -0.83
CIELCh	89, 2.480, 199.475
Yxy	74.9438, 0.3079, 0.3290
Android (android.graphics.Color)	4292600546 (0xFFDBE2E2)
YUV	223.9070, 1.0318, -4.3034
Hunter-Lab	86.5701, -6.8808, 3.9456

Details

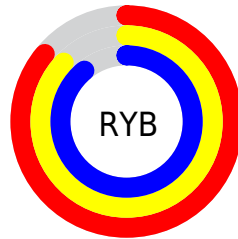
The XYZ color **70.1372, 74.9438, 82.7205** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.4844, 71.9481, 77.2465**, and the grayscale version is **70.7819, 74.4681, 81.0958**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.2234, 39.9586, 44.2790** is the 20% darker color. If you saturate the color by 10%, you get **63.7932, 71.6756, 82.4164**, and if you desaturate by 10%, it is **77.4086, 78.6943, 83.0711**.

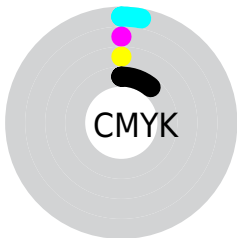
Distribution



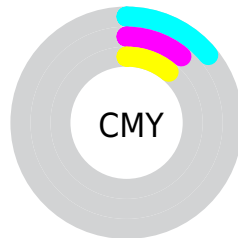
- Red (86%)
- Green (89%)
- Blue (89%)



- Red (86%)
- Yellow (87%)
- Blue (89%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (14%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.1372, 74.9438, 82.7205 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 70.1372, 74.9438, 82.7205 by changing the saturation by 10% instead.

■ 70.1372, 74.9438,
82.7205

■ 70.1372, 74.9438,
82.7205

450.2905,
477.7244, 524.0011

■ 51.9184, 55.5669,
61.4203

118.4296,
126.2328, 139.0297

■ 37.1640, 39.8557,
44.1317

149.2339,
158.9136, 174.8757

■ 25.5088, 27.4261,
30.4361

184.9641,
196.7979, 216.4075

■ 16.5873, 17.8935,
19.9150

225.9855,
240.2700, 264.0436

■ 10.0341, 10.8735,
12.1498

272.6635,
289.7143, 318.2024

■ 5.4840, 5.9819,
6.7220

325.3634,

■ 2.5716, 2.8341,

345.5152, 379.3026

3.2131

384.4506,
408.0571, 447.7627

■ 0.9315, 1.0457,
1.2044

■ 0.0000, 0.0000,
0.0000

■ 70.1372, 74.9438,
82.7205

■ 70.1372, 74.9438,
82.7205

■ 63.7932, 71.6756,
82.4164

■ 77.4086, 78.6943,
83.0711

■ 58.3333, 68.8611,
82.1522


■ 82.1689, 81.1481,
83.3026


■ 53.7201, 66.4831,
81.9275


■ 82.1705, 81.1487,
83.3114


■ 49.9113, 64.5198,
81.7406


■ 82.1722, 81.1494,
83.3202

 46.8608, 62.9475,
81.5891


 82.1739, 81.1501,
83.3290


 44.5180, 61.7399,
81.4707


 82.1755, 81.1507,
83.3378

 42.8258, 60.8677,
81.3828

 82.1772, 81.1514,
83.3466

 41.7187, 60.2972,
81.3223

 82.1789, 81.1521,
83.3555

 41.1173, 59.9873,
81.2854

 82.1806, 81.1527,
83.3643

Harmonies

Analogous

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



70.0906, 74.9438, 80.9921



70.1372, 74.9438, 82.7205



70.4762, 74.9438, 84.1682

Triad

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



70.1372, 74.9438, 82.7205



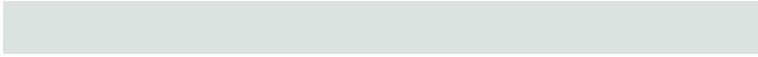
72.1226, 74.9438, 83.7922



71.4452, 74.9438, 78.3588

Complementary

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



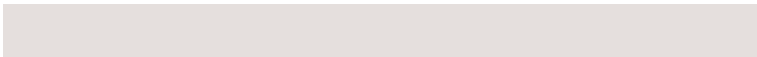
70.1372, 74.9438, 82.7205



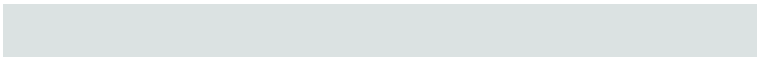
69.4844, 71.9481, 77.2465

Split Complementary

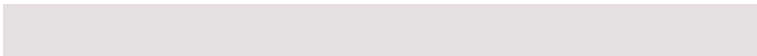
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.9929, 74.9438, 79.0867



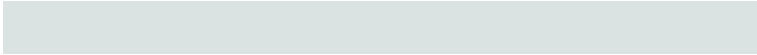
70.1372, 74.9438, 82.7205



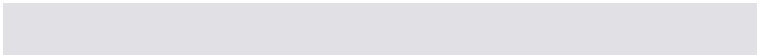
72.3854, 74.9438, 82.2131

Square

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



70.1372, 74.9438, 82.7205



71.6216, 74.9438, 84.7929



72.3378, 74.9438, 80.4918



70.8434, 74.9438, 78.4903

Rectangle

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



70.1372, 74.9438, 82.7205



70.8234, 74.9438, 84.7715



72.3378, 74.9438, 80.4918



71.6418, 74.9438, 78.5107

Sweetspot

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



70.1393, 74.9470, 82.7221



94.1178, 99.5195, 108.8552



69.2331, 74.5886, 77.7668



20.1549, 21.3063, 23.3000



0.0000, 0.0000, 0.0000



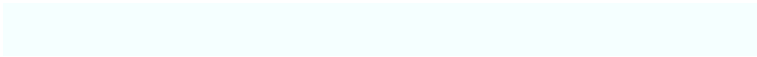
20.3446, 21.4041, 23.3091

Same Dimension

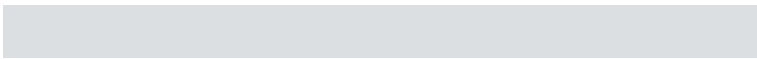
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.1393, 74.9470, 82.7221



91.3956, 98.1162, 108.7244



69.2283, 73.1241, 82.4210



14.7661, 15.9072, 17.6789



23.3377, 34.1599, 46.3627



1.6177, 2.3678, 3.2142

Inverse Universe

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



69.4844, 71.9481, 77.2465



90.2837, 93.0246, 99.4277



70.3762, 73.7323, 77.5413



14.5551, 14.9410, 15.9147



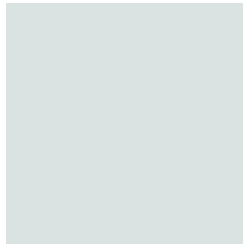
17.8937, 9.2245, 0.8401



1.2404, 0.6394, 0.0588

Previews

White Background



This preview shows how the XYZ color 70.1372, 74.9438, 82.7205 looks on a white background.

Color Contrast Check

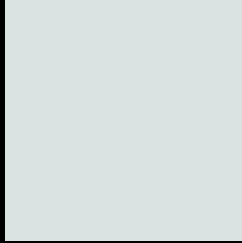
Large Text (above 18pt) WCAG AA × Fail

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 70.1372, 74.9438, 82.7205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

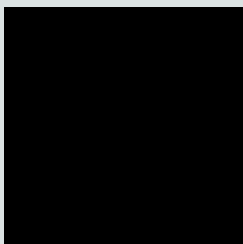
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

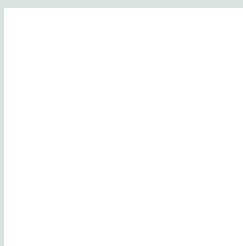
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.1372, 74.9438, 82.7205

Background



This preview shows how black text looks on a background with the XYZ color 70.1372, 74.9438, 82.7205.

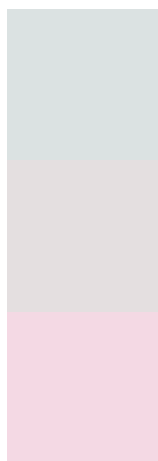


This preview shows how white text looks on a background with the XYZ color 70.1372, 74.9438,

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

70.1372, 74.9438, 82.7205

Protanopia

71.8371, 74.6512, 81.1439

Deuteranopia

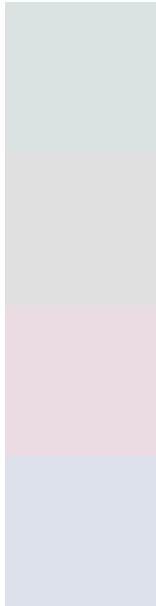
76.1247, 74.4602, 83.7588



Tritanopia

72.3516, 75.0343, 93.8888

Trichromacy



Original Color

70.1372, 74.9438, 82.7205

Protanomaly

71.2976, 74.7551, 81.9056

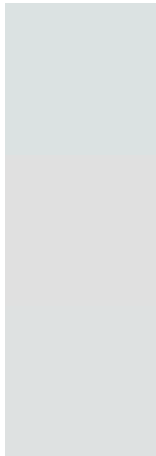
Deuteranomaly

73.7193, 74.3946, 83.1472

Tritanomaly

71.5807, 75.1222, 90.0842

Monochromacy



Original Color

70.1372, 74.9438, 82.7205

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.6400, 74.8163, 81.9520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1372, 74.9438, 82.7205 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(219, 226, 226) looks like.

```
.text, #text, p{  
    color:rgb(219, 226, 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(219, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 226, 226) }
```

Border

The CSS property to change the border of an element to XYZ 70.1372, 74.9438, 82.7205 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(219, 226, 226) }
```


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

```
.border{ border-color:rgb(219, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(219, 226,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1372, 74.9438, 82.7205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 226, 226) }
```

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

```
.background{ background-color: rgb(219,  
226, 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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