

Converting Colors

XYZ(70.4622, 75.2681, 81.6844)

Have a look what the booklet for
XYZ(70.4622, 75.2681, 81.6844)
contains.

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Color

**XYZ(70.1661, 74.9902,
81.2974)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE2E0
RGB	220, 226, 224
RGB Percent	86%, 89%, 88%
CMY	0.1372, 0.1137, 0.1216
CMYK	0.03, 0.00, 0.01, 0.11
HSL	160°, 9%, 87%
HSV	160°, 3%, 89%
XYZ	70.1661, 74.9902, 81.2974
YIQ	223.9780, -2.9340, -1.8940

Conversions

Conversions Part 2

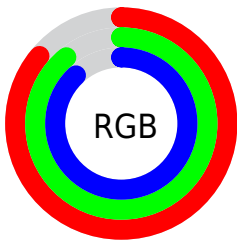
Format	Color
R _Y B	220, 224, 226
Decimal	14476000
CIE Lab	89.39, -2.37, 0.26
CIE LCh	89, 2.385, 173.665
Yxy	74.9902, 0.3098, 0.3312
Android (android.graphics.Color)	4292666080 (0xFFDCE2E0)
YUV	223.9780, 0.0108, -3.4887
Hunter-Lab	86.5969, -6.9129, 4.9562

Details

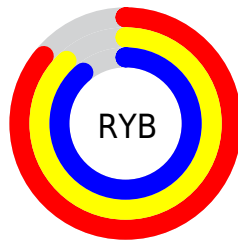
The XYZ color **70.1661, 74.9902, 81.2974** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.1448, 72.6310, 79.4331**, and the grayscale version is **70.8391, 74.5282, 81.1612**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.2414, 39.9897, 43.2921** is the 20% darker color. If you saturate the color by 10%, you get **62.7830, 71.3018, 75.7307**, and if you desaturate by 10%, it is **78.5236, 79.1799, 87.1497**.

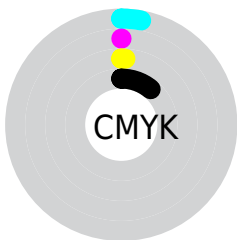
Distribution



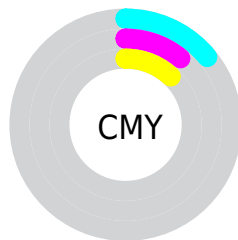
- Red (86%)
- Green (89%)
- Blue (88%)



- Red (86%)
- Yellow (88%)
- Blue (89%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (14%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.1661, 74.9902, 81.2974 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 70.1661, 74.9902, 81.2974 by changing the saturation by 10% instead.

■ 70.1661, 74.9902,
81.2974

■ 70.1661, 74.9902,
81.2974

450.3903,
477.8839, 519.1161

■ 51.9420, 55.6049,
60.2541

118.4706,
126.2985, 137.0161

■ 37.1830, 39.8862,
43.1969

149.2817,
158.9902, 172.5286

■ 25.5235, 27.4498,
29.7071

185.0192,
196.8862, 213.7013

■ 16.5983, 17.9113,
19.3662

226.0485,
240.3709, 260.9527

■ 10.0420, 10.8864,
11.7557

272.7349,
289.8286, 314.7013

■ 5.4893, 5.9905,
6.4570

325.4438,

■ 2.5748, 2.8393,

345.6437, 375.3657

3.0517

384.5405,
408.2007, 443.3645

■ 0.9331, 1.0484,
1.1211

■ 0.0000, 0.0000,
0.0000

■ 70.1661, 74.9902,
81.2974

■ 70.1661, 74.9902,
81.2974

■ 62.7830, 71.3018,
75.7307

■ 78.5236, 79.1799,
87.1497

■ 56.3304, 68.0858,
70.4399

■ 84.0307, 81.8928,
93.1071

■ 50.7707, 65.3249,
65.4217

■ 85.1693, 82.3482,
99.1028

■ 46.0609, 62.9972,
60.6709

■ 86.3550, 82.8225,
105.3464

■ 42.1546, 61.0787,
56.1821

■ 86.4878, 82.8756,
106.0459

■ 39.0005, 59.5432,
51.9497

■ 36.5416, 58.3612,
47.9676

■ 34.7120, 57.4988,
44.2293

■ 33.4324, 56.9153,
40.7274

Harmonies

Analogous

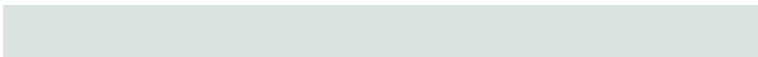
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.3755, 74.9902, 79.7616



70.1661, 74.9902, 81.2974



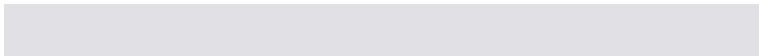
70.2528, 74.9902, 82.9488

Triad

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



70.1661, 74.9902, 81.2974



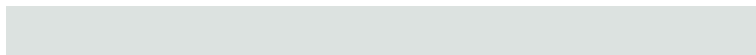
71.7275, 74.9902, 84.6315



71.9431, 74.9902, 79.0891

Complementary

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



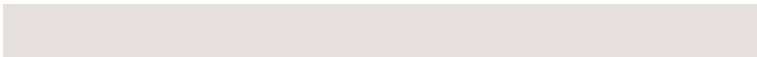
70.1661, 74.9902, 81.2974



70.1448, 72.6310, 79.4331

Split Complementary

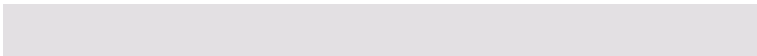
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.3090, 74.9902, 80.3680



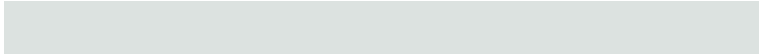
70.1661, 74.9902, 81.2974



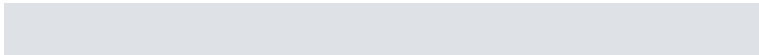
72.1840, 74.9902, 83.5712

Square

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



70.1661, 74.9902, 81.2974



71.1522, 74.9902, 84.8886



72.3974, 74.9902, 82.0068



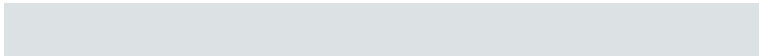
71.3999, 74.9902, 78.4979

Rectangle

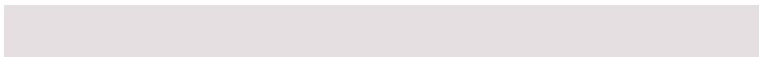
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



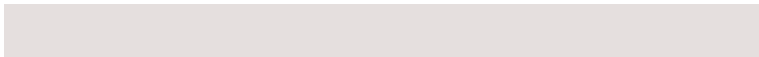
70.1661, 74.9902, 81.2974



70.4670, 74.9902, 83.8914



72.3974, 74.9902, 82.0068



72.0910, 74.9902, 79.4520

Sweetspot

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



70.1682, 74.9934, 81.2990



93.9813, 99.4649, 108.1363



70.2720, 75.1089, 78.5049



20.1271, 21.2952, 23.1537



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

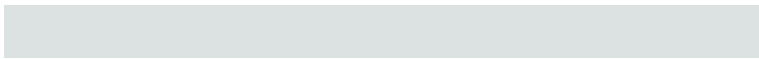
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.1682, 74.9934, 81.2990



91.8829, 98.4145, 106.6203



70.1974, 74.6143, 82.6576



14.8185, 15.9438, 17.2495



18.7398, 32.3208, 22.1505



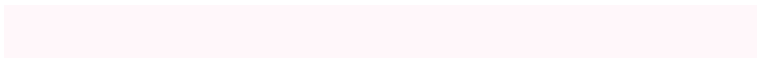
1.3400, 2.2567, 1.7515

Inverse Universe

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



70.1448, 72.6310, 79.4331



91.8480, 94.8919, 103.8380



70.1148, 72.9982, 78.1058



14.8114, 15.2310, 16.6865



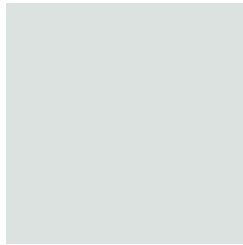
18.6754, 9.5372, 4.9567



1.3351, 0.6773, 0.5573

Previews

White Background



This preview shows how the XYZ color 70.1661, 74.9902, 81.2974 looks on a white background.

Color Contrast Check

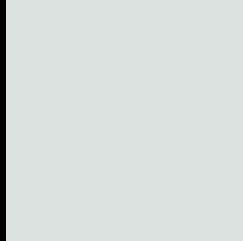
Large Text (above 18pt) WCAG AA × Fail

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 70.1661, 74.9902, 81.2974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

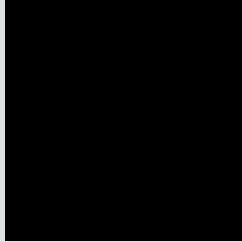
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

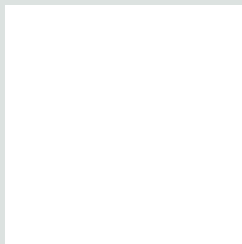
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.1661, 74.9902, 81.2974

Background



This preview shows how black text looks on a background with the XYZ color 70.1661, 74.9902, 81.2974.

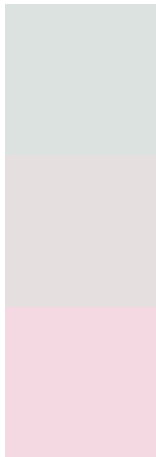


This preview shows how white text looks on a background with the XYZ color 70.1661, 74.9902, 81.2974.

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

70.1661, 74.9902, 81.2974

Protanopia

72.0201, 74.7611, 80.4465

Deuteranopia

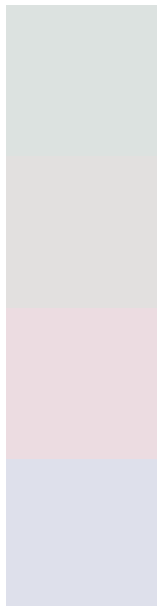
76.1965, 74.5292, 82.3211



Tritanopia

72.6963, 74.8142, 93.8282

Trichromacy



Original Color

70.1661, 74.9902, 81.2974

Protanomaly

71.3390, 74.8078, 80.4914

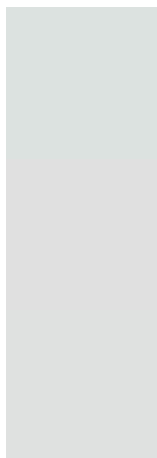
Deuteranomaly

73.7759, 74.4555, 81.7171

Tritanomaly

71.7753, 74.8391, 89.2597

Monochromacy



Original Color

70.1661, 74.9902, 81.2974

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.8112, 74.9202, 81.2499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1661, 74.9902, 81.2974 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(220, 226, 224) looks like.

```
.text, #text, p{  
    color:rgb(220, 226, 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(220, 226, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 226, 224) }
```

Border

The CSS property to change the border of an element to XYZ 70.1661, 74.9902, 81.2974 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(220, 226, 224) }
```


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

```
.border{ border-color:rgb(220, 226, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 226, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 226, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 226, 224);  
box-shadow:4px 4px 4px 4px rgb(220, 226,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1661, 74.9902, 81.2974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 226, 224) }
```

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

```
.background{ background-color: rgb(220,  
226, 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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