

Converting Colors

XYZ(67.9429, 74.1641, 70.5373)

Have a look what the booklet for
XYZ(67.9429, 74.1641, 70.5373)
contains.

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Color

**XYZ(67.7949, 74.0068,
70.3861)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE2D0
RGB	219, 226, 208
RGB Percent	86%, 89%, 82%
CMY	0.1412, 0.1137, 0.1843
CMYK	0.03, 0.00, 0.08, 0.11
HSL	83°, 24%, 85%
HSV	83°, 8%, 89%
XYZ	67.7949, 74.0068, 70.3861
YIQ	221.8550, 1.6060, -7.0820

Conversions

Conversions Part 2

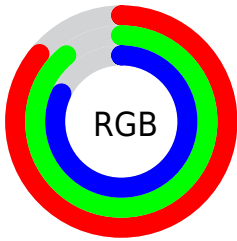
Format	Color
RYB	208, 226, 215
Decimal	14410448
CIELab	88.93, -5.52, 7.98
CIELCh	89, 9.702, 124.710
Yxy	74.0068, 0.3195, 0.3488
Android (android.graphics.Color)	4292600528 (0xFFD8E2D0)
YUV	221.8550, -6.8305, -2.5038
Hunter-Lab	86.0272, -9.8783, 11.7089

Details

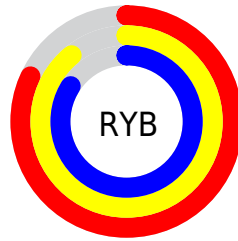
The XYZ color **67.7949, 74.0068, 70.3861** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.3106, 65.0518, 81.1221**, and the grayscale version is **69.3764, 72.9894, 79.4854**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.7055, 39.3514, 36.2856** is the 20% darker color. If you saturate the color by 10%, you get **62.6349, 71.6476, 56.6495**, and if you desaturate by 10%, it is **73.4950, 76.6029, 86.2194**.

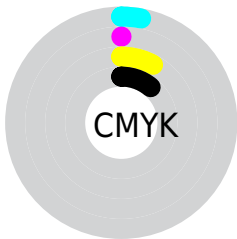
Distribution



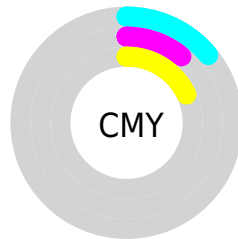
- Red (86%)
- Green (89%)
- Blue (82%)



- Red (82%)
- Yellow (89%)
- Blue (84%)



- Cyan (3%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)



- Cyan (14%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.7949, 74.0068, 70.3861 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 67.7949, 74.0068, 70.3861 by changing the saturation by 10% instead.

67.7949, 74.0068,
70.3861

67.7949, 74.0068,
70.3861

442.1571,
474.4968, 480.7302

50.0040, 54.7996,
51.3626

115.1022,
124.9054, 121.4455

35.6344, 39.2413,
36.1185

145.3493,
157.3657, 154.3184

24.3207, 26.9475,
24.2353

180.4791,
195.0124, 192.6450

15.6977, 17.5338,
15.2945

220.8571,
238.2300, 236.8436

9.4000, 10.6158,
8.8774

266.8485,
287.4028, 287.3329

5.0622, 5.8091,
4.5656

318.8187,

2.3189, 2.7294,

342.9153, 344.5315

1.9405

377.1332,
405.1519, 408.8577

■ 0.8043, 0.9921,
0.5183

■ 0.0000, 0.0000,
0.0000

■ 67.7949, 74.0068,
70.3861

■ 67.7949, 74.0068,
70.3861

■ 62.6349, 71.6476,
56.6495

■ 73.4950, 76.6029,
86.2194

■ 57.9902, 69.5080,
44.9168

■ 79.7469, 79.4338,
104.2271

■ 53.8426, 67.5830,
35.0954

■ 83.0364, 81.0963,
105.8844

■ 50.1707, 65.8636,
27.0837

■ 86.1837, 82.7188,
106.0317

■ 46.9510, 64.3402,
20.7706

■ 86.4878, 82.8756,
106.0459

■ 44.1579, 63.0022,
16.0326

■ 41.7623, 61.8379,
12.7296

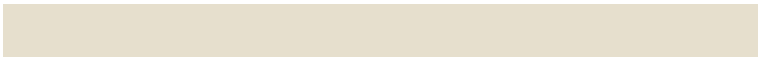
■ 39.7304, 60.8333,
10.6969

■ 38.0159, 59.9696,
9.7037

Harmonies

Analogous

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



69.9702, 74.0068, 68.3381



67.7949, 74.0068, 70.3861



66.3271, 74.0068, 75.1681

Triad

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



67.7949, 74.0068, 70.3861



68.4250, 74.0068, 92.8806



74.9500, 74.0068, 79.5210

Complementary

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



67.7949, 74.0068, 70.3861



64.3106, 65.0518, 81.1221

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.



74.5142, 74.0068, 86.2473



67.7949, 74.0068, 70.3861



70.7136, 74.0068, 94.2047

Square

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



67.7949, 74.0068, 70.3861



66.6851, 74.0068, 88.1909



72.9506, 74.0068, 91.7153



74.1286, 74.0068, 73.4216

Rectangle

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



67.7949, 74.0068, 70.3861



65.9292, 74.0068, 79.3913



72.9506, 74.0068, 91.7153



74.9459, 74.0068, 81.7822

Sweetspot

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



67.7969, 74.0100, 70.3877



93.5134, 99.3015, 104.5987



67.0269, 69.2753, 69.5144



20.0319, 21.2619, 22.4335



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.



67.7969, 74.0100, 70.3877



87.6567, 96.6319, 88.5271



65.1906, 72.6664, 70.2657



14.3285, 15.7495, 14.5915



21.6389, 34.1878, 5.4584



1.5993, 2.4209, 0.3830

Inverse Universe

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



64.3106, 65.0518, 81.1221



81.9467, 81.9598, 106.1085



66.9955, 66.4360, 81.2477



13.4538, 13.5020, 17.2847



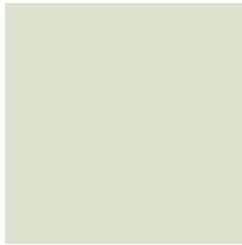
10.2471, 4.3779, 41.3533



0.8085, 0.3541, 2.8710

Previews

White Background



This preview shows how the XYZ color 67.7949, 74.0068, 70.3861 looks on a white background.

Color Contrast Check

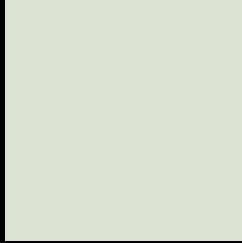
Large Text (above 18pt) WCAG AA × Fail

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 67.7949, 74.0068, 70.3861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

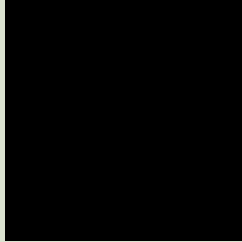
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

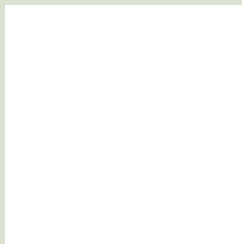
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.7949, 74.0068, 70.3861

Background



This preview shows how black text looks on a background with the XYZ color 67.7949, 74.0068, 70.3861.

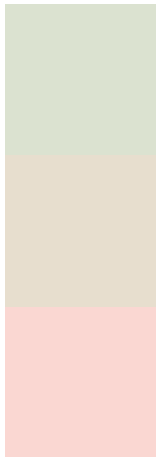


This preview shows how white text looks on a background with the XYZ color 67.7949, 74.0068,

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

67.7949, 74.0068, 70.3861

Protanopia

70.2169, 73.6877, 68.9148

Deuteranopia

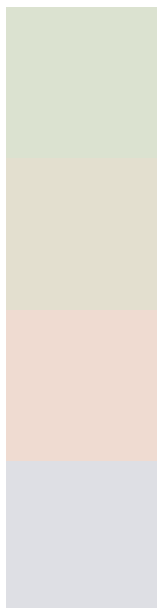
75.3576, 73.5780, 71.2030



Tritanopia

72.1769, 73.7922, 92.1005

Trichromacy



Original Color

67.7949, 74.0068, 70.3861

Protanomaly

69.3287, 73.6112, 69.5859

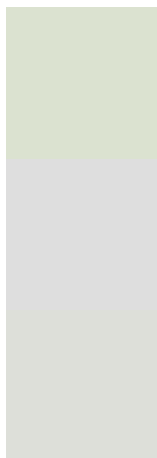
Deuteranomaly

72.4367, 73.6172, 70.7133

Tritanomaly

70.5155, 73.9064, 83.9476

Monochromacy



Original Color

67.7949, 74.0068, 70.3861

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.7309, 73.1573, 76.1439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7949, 74.0068, 70.3861 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, 208) looks like.

```
.text, #text, p{  
    color:rgb(219, 226, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 226, 208) }
```

Border

The CSS property to change the border of an element to XYZ 67.7949, 74.0068, 70.3861 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, 208) }
```


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

```
.border{ border-color:rgb(219, 226, 208) }
```

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, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 226, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 226, 208);  
box-shadow:4px 4px 4px 4px rgb(219, 226,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7949, 74.0068, 70.3861 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, 208) }
```

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

```
.background{ background-color: rgb(219,  
226, 208) }
```

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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