

Converting Colors

XYZ(70.4389, 74.9111, 73.1933)

Have a look what the booklet for
XYZ(70.4389, 74.9111, 73.1933)
contains.

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Color

**XYZ(70.4874, 74.9348,
73.0361)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E1D4
RGB	227, 225, 212
RGB Percent	89%, 88%, 83%
CMY	0.1098, 0.1176, 0.1686
CMYK	0.00, 0.01, 0.07, 0.11
HSL	52°, 21%, 86%
HSV	52°, 7%, 89%
XYZ	70.4874, 74.9348, 73.0361
YIQ	224.1160, 5.3650, -3.6190

Conversions

Conversions Part 2

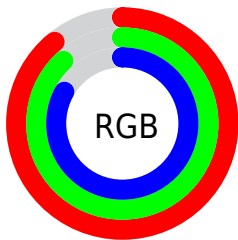
Format	Color
R_{YB}	214, 227, 212
Decimal	14934484
CIE Lab	89.36, -1.57, 6.59
CIE LCh	89, 6.770, 103.406
Yxy	74.9348, 0.3227, 0.3430
Android (android.graphics.Color)	4293124564 (0xFFE3E1D4)
YUV	224.1160, -5.9732, 2.5293
Hunter-Lab	86.5649, -6.1409, 10.5716

Details

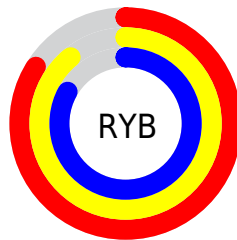
The XYZ color **70.4874, 74.9348, 73.0361** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0629, 67.6350, 82.2995**, and the grayscale version is **70.9749, 74.6711, 81.3168**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4738, 39.9544, 37.6352** is the 20% darker color. If you saturate the color by 10%, you get **67.0144, 72.2533, 58.7301**, and if you desaturate by 10%, it is **74.3816, 77.8128, 89.4705**.

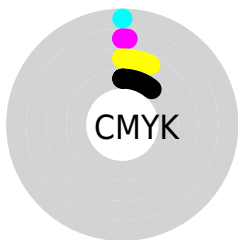
Distribution



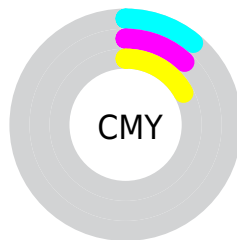
- Red (89%)
- Green (88%)
- Blue (83%)



- Red (84%)
- Yellow (89%)
- Blue (83%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.4874, 74.9348, 73.0361 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 70.4874, 74.9348, 73.0361 by changing the saturation by 10% instead.

■ 70.4874, 74.9348,
73.0361

■ 70.4874, 74.9348,
73.0361

451.4993,
477.6934, 490.2141

■ 52.2050, 55.5595,
53.5135

118.9260,
126.2201, 125.2498

■ 37.3934, 39.8498,
37.8223

149.8130,
158.8988, 158.7781

■ 25.6873, 27.4215,
25.5440

185.6322,
196.7808, 197.8119

■ 16.7213, 17.8900,
16.2602

226.7490,
240.2504, 242.7699

■ 10.1301, 10.8711,
9.5521

273.5288,
289.6921, 294.0705

■ 5.5482, 5.9802,
5.0013

326.3368,

■ 2.6104, 2.8330,

345.4903, 352.1324

2.1893

385.5385,
408.0292, 417.3741

■ 0.9513, 1.0452,
0.6682

■ 0.0000, 0.0000,
0.0000

■ 70.4874, 74.9348,
73.0361

■ 70.4874, 74.9348,
73.0361

■ 67.0144, 72.2533,
58.7301

■ 74.3816, 77.8128,
89.4705

■ 63.9397, 69.7516,
46.4597

■ 78.3175, 80.7283,
106.0621

■ 61.2474, 67.4257,
36.1324

■ 79.1703, 82.4338,
106.3463

■ 58.9181, 65.2678,
27.6466

■ 80.0377, 84.1687,
106.6355

■ 56.9307, 63.2693,
20.8913

■ 80.9199, 85.9330,
106.9295

■ 55.2618, 61.4207,
15.7440

■ 81.8168, 87.7270,
107.2285

■ 53.8850, 59.7113,
12.0657

■ 82.7287, 89.5506,
107.5325

■ 52.7693, 58.1287,
9.6940

■ 83.6554, 91.4042,
107.8414

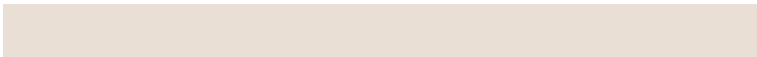
■ 51.8756, 56.6570,
8.4229

■ 84.5972, 93.2878,
108.1553

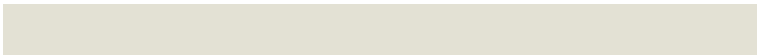
Harmonies

Analogous

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



72.1367, 74.9348, 73.1582



70.4874, 74.9348, 73.0361



69.0570, 74.9348, 75.1423

Triad

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



70.4874, 74.9348, 73.0361



68.9344, 74.9348, 88.0211



74.3194, 74.9348, 84.2241

Complementary

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



70.4874, 74.9348, 73.0361



65.0629, 67.6350, 82.2995

Split Complementary

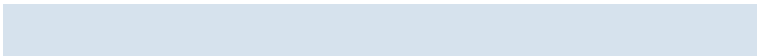
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.4344, 74.9348, 88.3990



70.4874, 74.9348, 73.0361



70.3176, 74.9348, 90.6487

Square

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



70.4874, 74.9348, 73.0361



68.1698, 74.9348, 83.7244



71.9643, 74.9348, 90.7897



74.3666, 74.9348, 79.4947

Rectangle

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



70.4874, 74.9348, 73.0361



68.4131, 74.9348, 77.5756



71.9643, 74.9348, 90.7897



74.1094, 74.9348, 85.7431

Sweetspot

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



70.4895, 74.9381, 73.0377



94.0236, 99.2437, 104.5607



67.3606, 68.2739, 73.2473



20.1357, 21.2502, 22.4257



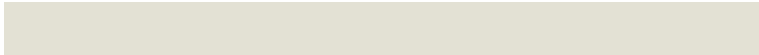
0.0000, 0.0000, 0.0000



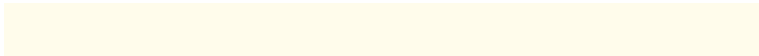
20.3446, 21.4041, 23.3091

Same Dimension

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



70.4895, 74.9381, 73.0377



91.0780, 97.0357, 92.2240



69.3249, 75.1432, 73.1387



15.4295, 16.4729, 15.2708



30.1554, 32.8850, 4.7581



2.2740, 2.5213, 0.3668

Inverse Universe

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



65.0629, 67.6350, 82.2995



82.5542, 85.5645, 106.7723



66.1737, 67.4625, 82.2076



13.7366, 14.1947, 18.1602



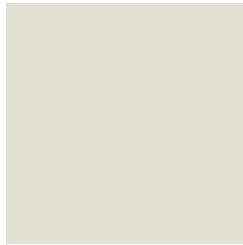
8.4076, 3.8773, 42.6884



0.6712, 0.3863, 3.1712

Previews

White Background



This preview shows how the XYZ color 70.4874, 74.9348, 73.0361 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 70.4874, 74.9348, 73.0361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

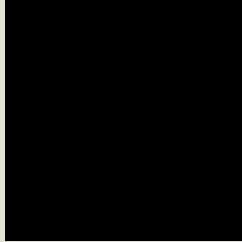
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

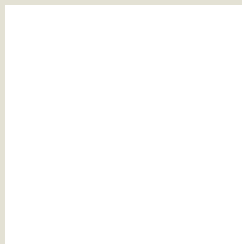
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.4874, 74.9348, 73.0361

Background



This preview shows how black text looks on a background with the XYZ color 70.4874, 74.9348, 73.0361.

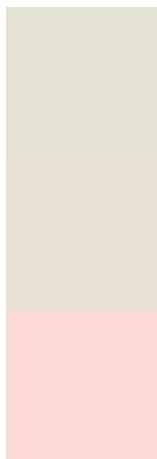


This preview shows how white text looks on a background with the XYZ color 70.4874, 74.9348,

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

70.4874, 74.9348, 73.0361

Protanopia

71.6922, 75.1703, 72.3587

Deuteranopia

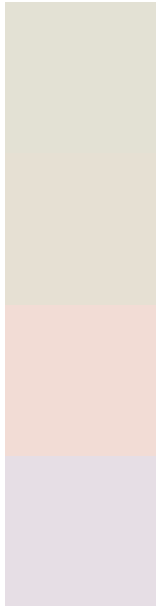
76.3748, 74.8047, 74.0317



Tritanopia

74.2441, 74.8749, 91.4281

Trichromacy



Original Color

70.4874, 74.9348, 73.0361

Protanomaly

71.0467, 74.8375, 72.3285

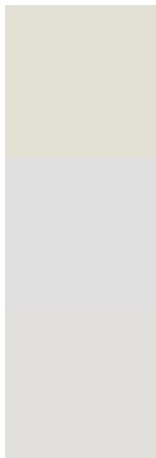
Deuteranomaly

74.2214, 74.8677, 73.4898

Tritanomaly

72.8973, 74.7227, 84.7096

Monochromacy



Original Color

70.4874, 74.9348, 73.0361

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.6253, 74.4862, 78.3651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4874, 74.9348, 73.0361 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(227, 225, 212) looks like.

```
.text, #text, p{  
    color:rgb(227, 225, 212)  
}
```

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(227, 225, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 225, 212) }
```

Border

The CSS property to change the border of an element to XYZ 70.4874, 74.9348, 73.0361 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(227, 225, 212) }
```


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

```
.border{ border-color:rgb(227, 225, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 225, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 225, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 225, 212);  
box-shadow:4px 4px 4px 4px rgb(227, 225,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4874, 74.9348, 73.0361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 225, 212) }
```

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

```
.background{ background-color: rgb(227,  
225, 212) }
```

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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