

Converting Colors

XYZ(68.8413, 73.7094, 73.5495)

Have a look what the booklet for
XYZ(68.8413, 73.7094, 73.5495)
contains.

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Color

**XYZ(68.7901, 73.6450,
73.5401)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | DEE0D5 |
| RGB | 222, 224, 213 |
| RGB Percent | 87%, 88%, 84% |
| CMY | 0.1294, 0.1215, 0.1647 |
| CMYK | 0.01, 0.00, 0.05, 0.12 |
| HSL | 71°, 15%, 86% |
| HSV | 71°, 5%, 88% |
| XYZ | 68.7901, 73.6450, 73.5401 |
| YIQ | 222.1480, 2.3390, -3.8450 |

Conversions

Conversions Part 2

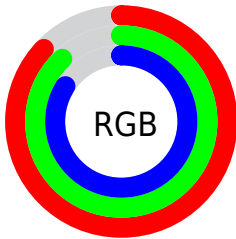
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 213, 224, 215 |
| Decimal | 14606549 |
| CIE Lab | 88.75, -2.61, 5.13 |
| CIE LCh | 89, 5.761, 116.952 |
| Yxy | 73.6450, 0.3185, 0.3410 |
| Android (android.graphics.Color) | 4292796629 (0xFFDEE0D5) |
| YUV | 222.1480, -4.5100, -0.1298 |
| Hunter-Lab | 85.8167, -7.0947, 9.2634 |

Details

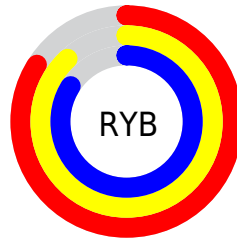
The XYZ color **68.7901, 73.6450, 73.5401** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.2760, 67.4194, 80.0977**, and the grayscale version is **69.5672, 73.1901, 79.7040**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.2959, 39.0600, 37.9741** is the 20% darker color. If you saturate the color by 10%, you get **64.9072, 71.9516, 59.5275**, and if you desaturate by 10%, it is **73.1002, 75.5175, 89.6258**.

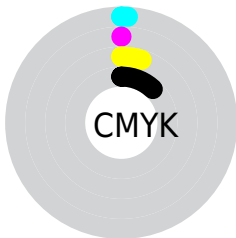
Distribution



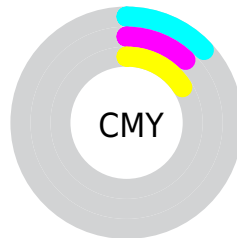
- Red (87%)
- Green (88%)
- Blue (84%)



- Red (84%)
- Yellow (88%)
- Blue (84%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.7901, 73.6450, 73.5401 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 68.7901, 73.6450, 73.5401 by changing the saturation by 10% instead.

■ 68.7901, 73.6450,
73.5401

■ 68.7901, 73.6450,
73.5401

445.6233,
473.2472, 492.0055

■ 50.8168, 54.5035,
53.9232

116.5174,
124.3924, 125.9717

■ 36.2833, 39.0044,
38.1475

147.0022,
156.7672, 159.6234

■ 24.8242, 26.7631,
25.7945

182.3881,
194.3219, 198.7905

■ 16.0741, 17.3954,
16.4456

223.0406,
237.4408, 243.8915

■ 9.6678, 10.5168,
9.6822

269.3250,
286.5084, 295.3450

■ 5.2398, 5.7429,
5.0859

321.6067,

■ 2.4249, 2.6894,

341.9091, 353.5695

2.2382

380.2510,
404.0272, 418.9834

■ 0.8575, 0.9718,
0.6963

■ 0.0000, 0.0000,
0.0000

■ 68.7901, 73.6450,
73.5401

■ 68.7901, 73.6450,
73.5401

■ 64.9072, 71.9516,
59.5275

■ 73.1002, 75.5175,
89.6258

■ 61.4290, 70.4212,
47.4988

■ 77.3919, 77.3839,
105.4653

■ 58.3404, 69.0500,
37.3658

■ 78.7179, 78.0674,
105.5274

■ 55.6227, 67.8306,
29.0313

■ 80.0748, 78.7669,
105.5909

■ 53.2556, 66.7549,
22.3898

■ 81.4627, 79.4824,
105.6558

■ 51.2167, 65.8138,
17.3247

■ 82.8819, 80.2140,
105.7223

■ 49.4810, 64.9973,
13.7046

■ 84.3326, 80.9619,
105.7901

■ 48.0192, 64.2937,
11.3772

■ 85.8149, 81.7260,
105.8595

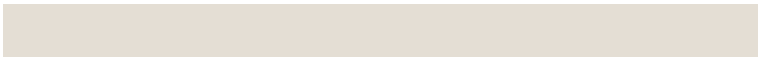
■ 46.7956, 63.6888,
10.1556

■ 85.9471, 81.7942,
105.8657

Harmonies

Analogous

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



70.1399, 73.6450, 72.7664



68.7901, 73.6450, 73.5401



67.7756, 73.6450, 76.0749

Triad

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



68.7901, 73.6450, 73.5401



68.5465, 73.6450, 86.7917



72.7069, 73.6450, 80.5956

Complementary

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



68.7901, 73.6450, 73.5401



65.2760, 67.4194, 80.0977

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.



72.2671, 73.6450, 84.4444



68.7901, 73.6450, 73.5401



69.8550, 73.6450, 88.0954

Square

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



68.7901, 73.6450, 73.5401



67.6363, 73.6450, 83.7150



71.2187, 73.6450, 87.2226



72.4127, 73.6450, 76.7593

Rectangle

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



68.7901, 73.6450, 73.5401



67.4197, 73.6450, 78.4670



71.2187, 73.6450, 87.2226



72.6399, 73.6450, 81.9317

Sweetspot

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



68.7921, 73.6482, 73.5417



94.4714, 99.7489, 106.7441



67.0112, 69.1695, 72.7711



20.2269, 21.3530, 22.8703



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.



68.7921, 73.6482, 73.5417



91.6658, 98.5288, 96.3913



67.1847, 72.8195, 73.4665



14.8592, 16.0036, 15.4949



27.0003, 36.9517, 5.7093



1.9360, 2.5946, 0.3988

Inverse Universe

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



65.2760, 67.4194, 80.0977



85.9071, 88.3272, 107.1288



66.8674, 68.2398, 80.1722



13.8383, 14.1952, 17.3983



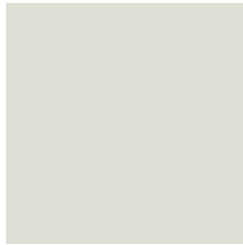
8.4286, 3.4404, 41.2682



0.6533, 0.2741, 2.8637

Previews

White Background



This preview shows how the XYZ color 68.7901, 73.6450, 73.5401 looks on a white background.

Color Contrast Check

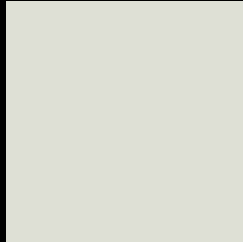
Large Text (above 18pt) WCAG AA × Fail

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 68.7901, 73.6450, 73.5401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

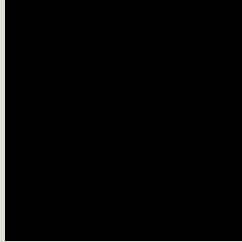
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

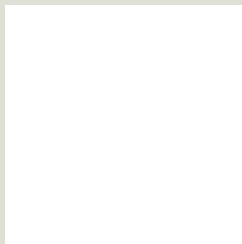
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.7901, 73.6450, 73.5401

Background



This preview shows how black text looks on a background with the XYZ color 68.7901, 73.6450, 73.5401.

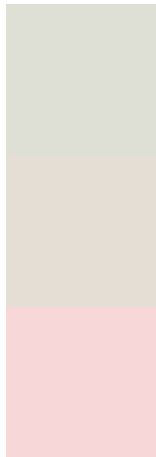


This preview shows how white text looks on a background with the XYZ color 68.7901, 73.6450,

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

68.7901, 73.6450, 73.5401

Protanopia

70.3180, 73.6540, 72.7978

Deuteranopia

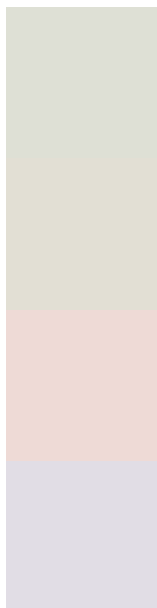
74.9240, 73.2813, 74.4858



Tritanopia

72.3898, 73.5282, 91.2659

Trichromacy



Original Color

68.7901, 73.6450, 73.5401

Protanomaly

69.6354, 73.6976, 72.8422

Deuteranomaly

72.4689, 73.1750, 73.9230

Tritanomaly

71.0506, 73.3776, 84.5473

Monochromacy



Original Color

68.7901, 73.6450, 73.5401

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.2981, 73.4194, 77.5368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.7901, 73.6450, 73.5401 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(222, 224, 213) looks like.

```
.text, #text, p{  
    color:rgb(222, 224, 213)  
}
```

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(222, 224, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 224, 213) }
```

Border

The CSS property to change the border of an element to XYZ 68.7901, 73.6450, 73.5401 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(222, 224, 213) }
```


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

```
.border{ border-color:rgb(222, 224, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 224, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 224, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 224, 213);  
box-shadow:4px 4px 4px 4px rgb(222, 224,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 68.7901, 73.6450, 73.5401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 224, 213) }
```

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

```
.background{ background-color: rgb(222,  
224, 213) }
```

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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