

Converting Colors

XYZ(72.1936, 73.6399, 72.5757)

Have a look what the booklet for
XYZ(72.1936, 73.6399, 72.5757)
contains.

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Color

**XYZ(72.1402, 73.4210,
72.6568)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDBD4
RGB	237, 219, 212
RGB Percent	93%, 86%, 83%
CMY	0.0706, 0.1412, 0.1686
CMYK	0.00, 0.08, 0.11, 0.07
HSL	17°, 41%, 88%
HSV	17°, 11%, 93%
XYZ	72.1402, 73.4210, 72.6568
YIQ	223.5840, 12.9750, 1.6390

Conversions

Conversions Part 2

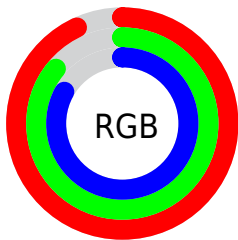
Format	Color
RYB	237, 222, 212
Decimal	15588308
CIELab	88.65, 5.02, 5.66
CIELCh	89, 7.563, 48.417
Yxy	73.4210, 0.3306, 0.3365
Android (android.graphics.Color)	4293778388 (0xFFEDDBD4)
YUV	223.5840, -5.7109, 11.7658
Hunter-Lab	85.6861, 0.3309, 9.7058

Details

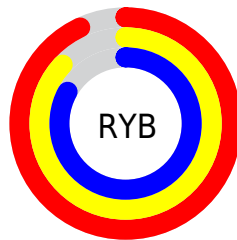
The XYZ color **72.1402, 73.4210, 72.6568** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.7339, 76.7036, 91.1987**, and the grayscale version is **70.5894, 74.2655, 80.8751**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4173, 38.8090, 37.3644** is the 20% darker color. If you saturate the color by 10%, you get **65.1428, 63.8641, 56.6411**, and if you desaturate by 10%, it is **80.0367, 84.0722, 91.1390**.

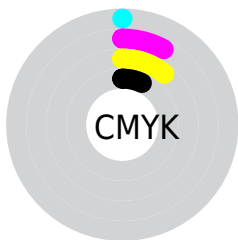
Distribution



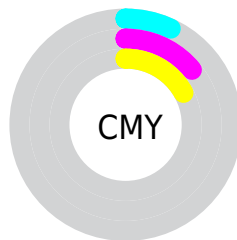
- Red (93%)
- Green (86%)
- Blue (83%)



- Red (93%)
- Yellow (87%)
- Blue (83%)



- Cyan (0%)
- Magenta (8%)
- Yellow (11%)
- Black (7%)




- Cyan (7%)
- Magenta (14%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.1402, 73.4210, 72.6568 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 72.1402, 73.4210, 72.6568 by changing the saturation by 10% instead.


 72.1402, 73.4210,
72.6568

 72.1402, 73.4210,
72.6568


457.1795,
472.4726, 488.8633

 53.5591, 54.3203,
53.2053


121.2656,
124.0747, 124.7063

 38.4785, 38.8578,
37.5778


152.5405,
156.3965, 158.1413

 26.5332, 26.6491,
25.3559


188.7775,
193.8940, 197.0745

 17.3577, 17.3099,
16.1210

230.3418,
236.9518, 241.9246

 10.5867, 10.4557,
9.4545

277.5987,
285.9541, 293.1099

 5.8549, 5.7021,
4.9380

330.9138,

 2.7969, 2.6648,

341.2854, 351.0491

2.1528

390.6523,
403.3301, 416.1608

■ 1.0473, 0.9594,
0.6469

■ 0.0000, 0.0000,
0.0000

■ 72.1402, 73.4210,
72.6568

■ 72.1402, 73.4210,
72.6568

■ 65.1428, 63.8641,
56.6411

■ 80.0367, 84.0722,
91.1390

■ 59.0057, 55.3569,
42.9824

■ 88.1403, 95.5546,
108.4061

■ 53.6962, 47.8658,
31.5697

■ 88.7354, 96.7447,
108.6045

■ 49.1770, 41.3517,
22.2815

■ 45.4079, 35.7729,
14.9843

■ 42.3447, 31.0846,
9.5296

■ 39.9380, 27.2378,
5.7477

■ 38.1312, 24.1784,
3.4366

■ 36.8971, 21.9482,
2.2917

Harmonies

Analogous

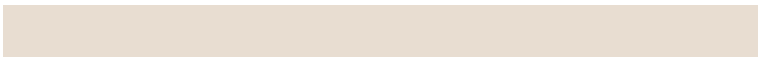
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.1681, 73.4210, 76.8089



72.1402, 73.4210, 72.6568



70.4916, 73.4210, 70.4937

Triad

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



72.1402, 73.4210, 72.6568



66.4019, 73.4210, 77.9414



70.8993, 73.4210, 89.8653

Complementary

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



72.1402, 73.4210, 72.6568



70.7339, 76.7036, 91.1987

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.



69.0820, 73.4210, 90.2011



72.1402, 73.4210, 72.6568



66.5068, 73.4210, 83.1612

Square

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



72.1402, 73.4210, 72.6568



67.1917, 73.4210, 73.4547



67.4806, 73.4210, 87.7007



72.4431, 73.4210, 86.8025

Rectangle

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



72.1402, 73.4210, 72.6568



69.2719, 73.4210, 70.4051



67.4806, 73.4210, 87.7007



70.2995, 73.4210, 90.3056

Sweetspot

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



72.1422, 73.4242, 72.6584



92.1109, 96.0538, 101.9646



72.7992, 70.8244, 84.9429



19.5510, 20.3380, 21.4378



0.0000, 0.0000, 0.0000



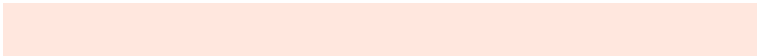
20.3446, 21.4041, 23.3091

Same Dimension

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



72.1422, 73.4242, 72.6584



83.0192, 83.7548, 80.7926



75.4321, 80.0040, 73.7550



15.4090, 15.7411, 15.7449



20.2396, 12.1735, 1.2830



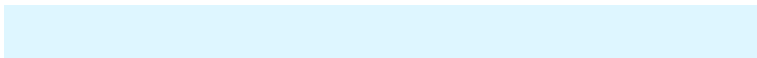
1.6681, 1.1136, 0.1270

Inverse Universe

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



70.7339, 76.7036, 91.1987



80.9966, 88.4626, 107.4137



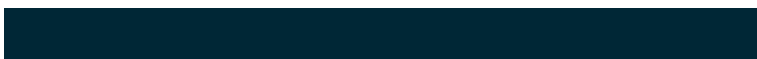
67.4666, 70.1689, 90.1096



15.1403, 16.3670, 19.2834



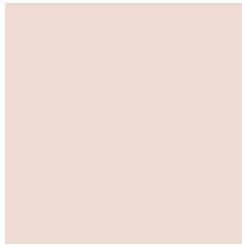
16.3715, 19.3901, 46.6227



1.3661, 1.6836, 3.6878

Previews

White Background



This preview shows how the XYZ color 72.1402, 73.4210, 72.6568 looks on a white background.

Color Contrast Check

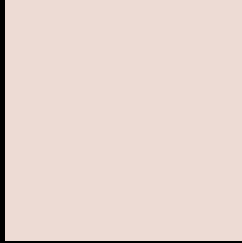
Large Text (above 18pt) WCAG AA × Fail

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 72.1402, 73.4210, 72.6568 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

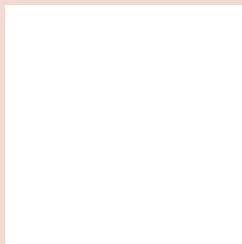
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.1402, 73.4210, 72.6568

Background



This preview shows how black text looks on a background with the XYZ color 72.1402, 73.4210, 72.6568.



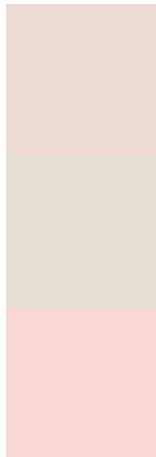
This preview shows how white text looks on a background with the XYZ color 72.1402, 73.4210,

72.6568.

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

72.1402, 73.4210, 72.6568

Protanopia

70.4446, 73.7047, 73.4644

Deuteranopia

75.0221, 73.3614, 73.1569



Tritanopia

75.1990, 73.5202, 87.3182

Trichromacy



Original Color

72.1402, 73.4210, 72.6568

Protanomaly

71.1454, 73.6728, 73.4213

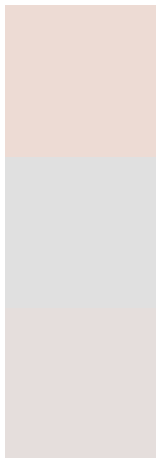
Deuteranomaly

73.8743, 73.1489, 73.1763

Tritanomaly

74.0001, 73.4127, 81.5040

Monochromacy



Original Color

72.1402, 73.4210, 72.6568

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.3526, 74.0679, 78.2460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1402, 73.4210, 72.6568 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(237, 219, 212) looks like.

```
.text, #text, p{  
    color:rgb(237, 219, 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(237, 219, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 219, 212) }
```

Border

The CSS property to change the border of an element to XYZ 72.1402, 73.4210, 72.6568 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(237, 219, 212) }
```


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

```
.border{ border-color:rgb(237, 219, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 219, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 219, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 219, 212);  
box-shadow:4px 4px 4px 4px rgb(237, 219,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1402, 73.4210, 72.6568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 219, 212) }
```

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

```
.background{ background-color: rgb(237,  
219, 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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