

Converting Colors

XYZ(72.0063, 74.9094, 73.6192)

Have a look what the booklet for
XYZ(72.0063, 74.9094, 73.6192)
contains.

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Color

**XYZ(72.0022, 74.9031,
73.6136)**

Conversions

Conversions Part 1

Format	Color
Hex	E9DFD5
RGB	233, 223, 213
RGB Percent	91%, 87%, 84%
CMY	0.0863, 0.1255, 0.1647
CMYK	0.00, 0.04, 0.09, 0.09
HSL	30°, 31%, 87%
HSV	30°, 9%, 91%
XYZ	72.0022, 74.9031, 73.6136
YIQ	224.8500, 9.1700, -0.9900

Conversions

Conversions Part 2

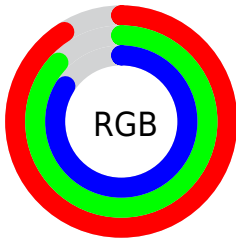
Format	Color
R _Y B	233, 233, 213
Decimal	15327189
CIE Lab	89.35, 1.71, 6.10
CIE LCh	89, 6.335, 74.307
Yxy	74.9031, 0.3265, 0.3397
Android (android.graphics.Color)	4293517269 (0xFFE9DFD5)
YUV	224.8500, -5.8420, 7.1476
Hunter-Lab	86.5466, -2.9539, 10.1525

Details

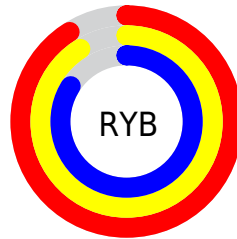
The XYZ color **72.0022, 74.9031, 73.6136** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5361, 72.8034, 87.5319**, and the grayscale version is **71.4981, 75.2216, 81.9163**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3056, 39.8210, 38.0150** is the 20% darker color. If you saturate the color by 10%, you get **66.2503, 67.7964, 58.1386**, and if you desaturate by 10%, it is **78.3973, 82.6144, 91.4011**.

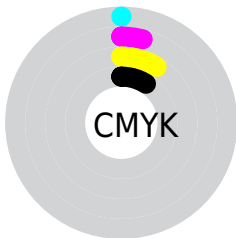
Distribution



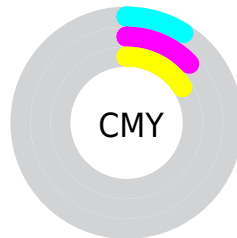
- Red (91%)
- Green (87%)
- Blue (84%)



- Red (91%)
- Yellow (91%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (9%)



- Cyan (9%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0022, 74.9031, 73.6136 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 72.0022, 74.9031, 73.6136 by changing the saturation by 10% instead.

■ 72.0022, 74.9031,
73.6136

■ 72.0022, 74.9031,
73.6136

456.7068,
477.5844, 492.2664

■ 53.4459, 55.5335,
53.9830

121.0704,
126.1752, 126.0769

■ 38.3878, 39.8290,
38.1950

152.3131,
158.8465, 159.7466

■ 26.4624, 27.4053,
25.8310

188.5154,
196.7204, 198.9331

■ 17.3044, 17.8778,
16.4726

230.0425,
240.1815, 244.0550

■ 10.5484, 10.8623,
9.7013

277.2598,
289.6140, 295.5307

■ 5.8291, 5.9743,
5.0983

330.5327,

■ 2.7811, 2.8295,

345.4024, 353.7788

2.2453

390.2266,
407.9311, 419.2178

■ 1.0391, 1.0434,
0.7003

■ 0.0000, 0.0000,
0.0000

■ 72.0022, 74.9031,
73.6136

■ 72.0022, 74.9031,
73.6136

■ 66.2503, 67.7964,
58.1386

■ 78.3973, 82.6144,
91.4011

■ 61.1129, 61.2687,
44.8748

■ 84.7004, 90.6354,
107.6379

■ 56.5685, 55.3066,
33.7206

■ 87.4146, 96.0638,
108.5427

■ 52.5916, 49.8928,
24.5645

■ 49.1547, 45.0087,
17.2845

■ 46.2273, 40.6343,
11.7451

■ 43.7756, 36.7479,
7.7922

■ 41.7599, 33.3252,
5.2443

■ 40.1247, 30.3351,
3.8352

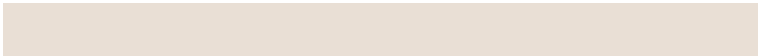
Harmonies

Analogous

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



73.3469, 74.9031, 75.7397



72.0022, 74.9031, 73.6136



70.4593, 74.9031, 73.5637

Triad

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



72.0022, 74.9031, 73.6136



68.3446, 74.9031, 83.6839



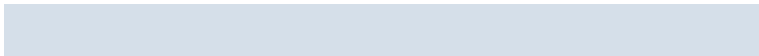
73.2949, 74.9031, 87.8175

Complementary

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



72.0022, 74.9031, 73.6136



68.5361, 72.8034, 87.5319

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.



71.9321, 74.9031, 90.1088



72.0022, 74.9031, 73.6136



69.0820, 74.9031, 87.6642

Square

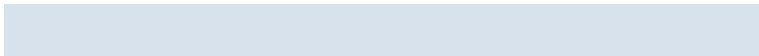
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.0022, 74.9031, 73.6136



68.3627, 74.9031, 79.2701



70.3902, 74.9031, 90.0517



74.1006, 74.9031, 83.8869

Rectangle

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



72.0022, 74.9031, 73.6136



69.5268, 74.9031, 74.7085



70.3902, 74.9031, 90.0517



72.8859, 74.9031, 88.8112

Sweetspot

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



72.0043, 74.9064, 73.6152



92.6350, 97.1018, 102.1393



70.7188, 70.2409, 79.6436



19.6922, 20.6204, 21.4848



0.0000, 0.0000, 0.0000



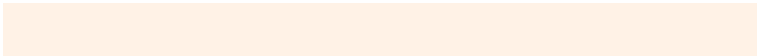
20.3446, 21.4041, 23.3091

Same Dimension

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



72.0043, 74.9064, 73.6152



87.2810, 90.6016, 87.3829



74.7543, 80.4065, 74.5319



15.6880, 16.2990, 15.8379



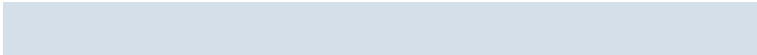
22.7717, 17.2376, 2.1270



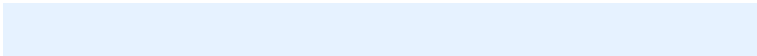
1.8843, 1.5460, 0.1991

Inverse Universe

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



68.5361, 72.8034, 87.5319



82.3478, 87.6103, 107.1780



65.9438, 67.6189, 86.6678



14.8532, 15.7928, 19.1877



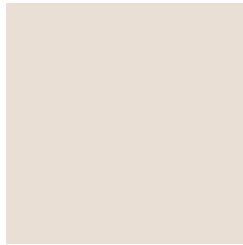
12.0429, 10.7329, 45.1799



1.0419, 1.0352, 3.5798

Previews

White Background



This preview shows how the XYZ color 72.0022, 74.9031, 73.6136 looks on a white background.

Color Contrast Check

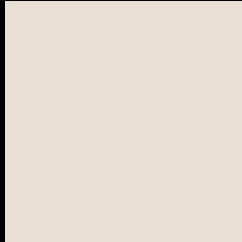
Large Text (above 18pt) WCAG AA × Fail

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 72.0022, 74.9031, 73.6136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

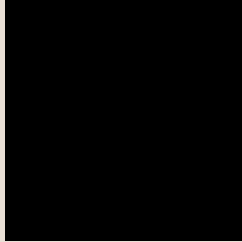
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

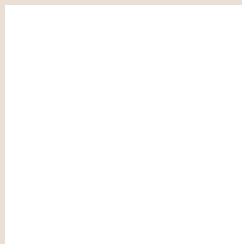
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.0022, 74.9031, 73.6136

Background



This preview shows how black text looks on a background with the XYZ color 72.0022, 74.9031, 73.6136.

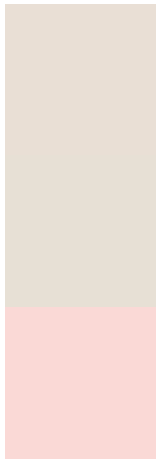


This preview shows how white text looks on a background with the XYZ color 72.0022, 74.9031,

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

72.0022, 74.9031, 73.6136

Protanopia

71.6209, 75.1043, 73.6725

Deuteranopia

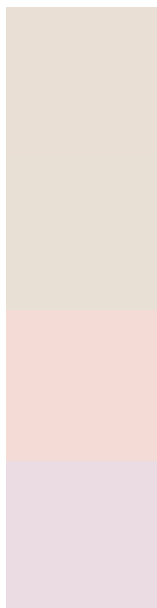
76.3748, 74.8047, 74.0317



Tritanopia

75.2097, 74.6103, 90.5580

Trichromacy



Original Color

72.0022, 74.9031, 73.6136

Protanomaly

71.9446, 75.2712, 73.6877

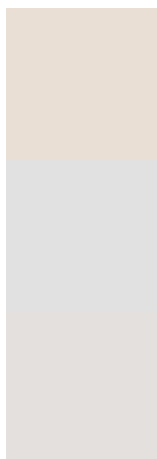
Deuteranomaly

74.7773, 74.7512, 74.1056

Tritanomaly

73.8577, 74.4500, 83.8764

Monochromacy



Original Color

72.0022, 74.9031, 73.6136

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.7017, 75.0257, 79.1089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0022, 74.9031, 73.6136 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(233, 223, 213) looks like.

```
.text, #text, p{  
    color:rgb(233, 223, 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(233, 223, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 223, 213) }
```

Border

The CSS property to change the border of an element to XYZ 72.0022, 74.9031, 73.6136 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(233, 223, 213) }
```


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

```
.border{ border-color:rgb(233, 223, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 223, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 223, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 223, 213);  
box-shadow:4px 4px 4px 4px rgb(233, 223,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0022, 74.9031, 73.6136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 223, 213) }
```

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

```
.background{ background-color: rgb(233,  
223, 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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