

Converting Colors

XYZ(68.9257, 72.2522, 68.0709)

Have a look what the booklet for
XYZ(68.9257, 72.2522, 68.0709)
contains.

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Color

**XYZ(68.9257, 72.2522,
68.0709)**

Conversions

Conversions Part 1

Format	Color
Hex	E5DCCD
RGB	229, 220, 205
RGB Percent	90%, 86%, 80%
CMY	0.1020, 0.1372, 0.1961
CMYK	0.00, 0.04, 0.10, 0.10
HSL	38°, 32%, 85%
HSV	38°, 10%, 90%
XYZ	68.9257, 72.2522, 68.0709
YIQ	220.9810, 10.1790, -2.7570

Conversions

Conversions Part 2

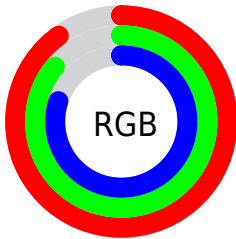
Format	Color
R_{YB}	219, 229, 205
Decimal	15064269
CIE Lab	88.09, 0.55, 8.45
CIE LCh	88, 8.469, 86.287
Yxy	72.2522, 0.3294, 0.3453
Android (android.graphics.Color)	4293254349 (0xFFE5DCCD)
YUV	220.9810, -7.8786, 7.0327
Hunter-Lab	85.0013, -4.0105, 12.0202

Details

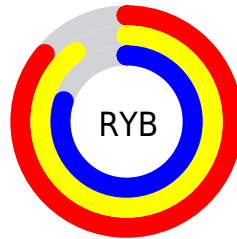
The XYZ color **68.9257, 72.2522, 68.0709** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.3660, 66.7281, 83.6694**, and the grayscale version is **68.7641, 72.3452, 78.7839**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.2746, 38.0289, 34.7066** is the 20% darker color. If you saturate the color by 10%, you get **64.1667, 66.8385, 53.8302**, and if you desaturate by 10%, it is **74.2090, 78.0655, 84.4842**.

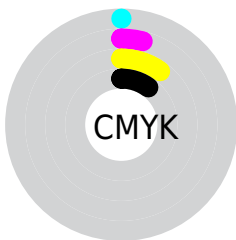
Distribution



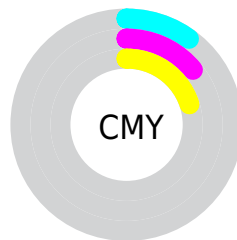
- Red (90%)
- Green (86%)
- Blue (80%)



- Red (86%)
- Yellow (90%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (10%)



- Cyan (10%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.9257, 72.2522, 68.0709 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 68.9257, 72.2522, 68.0709 by changing the saturation by 10% instead.

■ 68.9257, 72.2522,
68.0709

■ 68.9257, 72.2522,
68.0709

446.0944,
468.4189, 472.3521

■ 50.9276, 53.3647,
49.4884

116.7101,
122.4150, 118.1087

■ 36.3718, 38.0940,
34.6387

147.2271,
154.4592, 150.4011

■ 24.8929, 26.0557,
23.1034

182.6479,
191.6576, 188.1005

■ 16.1256, 16.8653,
14.4638

223.3376,
234.3948, 231.6255

■ 9.7045, 10.1385,
8.3016

269.6618,
283.0552, 281.3946

■ 5.2642, 5.4909,
4.1980

321.9858,

■ 2.4395, 2.5381,

338.0231, 337.8264

1.7346

380.6748,
399.6828, 401.3394

■ 0.8648, 0.8956,
0.3843

■ 0.0000, 0.0000,
0.0000

■ 68.9257, 72.2522,
68.0709

■ 68.9257, 72.2522,
68.0709

■ 64.1667, 66.8385,
53.8302

■ 74.2090, 78.0655,
84.4842

■ 59.9069, 61.8044,
41.6646

■ 80.0287, 84.2787,
103.1525

■ 56.1276, 57.1420,
31.4763

■ 83.2447, 89.6409,
107.5227

■ 52.8067, 52.8396,
23.1574

■ 85.9126, 94.9767,
108.4120

■ 49.9201, 48.8846,
16.5897

■ 86.1234, 95.3981,
108.4822

■ 47.4409, 45.2633,
11.6415

■ 45.3388, 41.9604,
8.1621

■ 43.5777, 38.9582,
5.9719

■ 42.1612, 36.3538,
4.7949

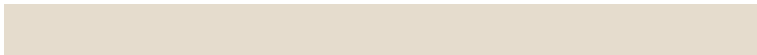
Harmonies

Analogous

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



70.8548, 72.2522, 69.7643



68.9257, 72.2522, 68.0709



66.9655, 72.2522, 69.1007

Triad

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



68.9257, 72.2522, 68.0709



65.2453, 72.2522, 83.7069



71.9597, 72.2522, 85.0157

Complementary

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



68.9257, 72.2522, 68.0709



63.3660, 66.7281, 83.6694

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.



70.4103, 72.2522, 89.0851



68.9257, 72.2522, 68.0709



66.5375, 72.2522, 88.3038

Square

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



68.9257, 72.2522, 68.0709



64.8653, 72.2522, 77.9513



68.4220, 72.2522, 90.3167



72.6280, 72.2522, 79.3938

Rectangle

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



68.9257, 72.2522, 68.0709



65.9007, 72.2522, 71.2218



68.4220, 72.2522, 90.3167



71.5232, 72.2522, 86.6210

Sweetspot

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



68.9277, 72.2554, 68.0724



92.9347, 97.7012, 102.2392



66.3084, 65.1869, 72.8407



19.7731, 20.7823, 21.5118



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.



68.9277, 72.2554, 68.0724



86.3283, 90.3730, 81.8956



70.4662, 76.6482, 68.8393



15.1239, 15.8617, 15.1690



24.2248, 21.0237, 2.7812



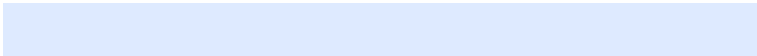
1.8787, 1.7306, 0.2350

Inverse Universe

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



63.3660, 66.7281, 83.6694



77.6294, 81.7282, 106.2914



61.9313, 62.7018, 82.9678



14.0232, 14.7678, 18.2557



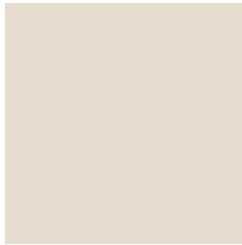
10.0876, 7.2373, 43.2484



0.8324, 0.7087, 3.2249

Previews

White Background



This preview shows how the XYZ color 68.9257, 72.2522, 68.0709 looks on a white background.

Color Contrast Check

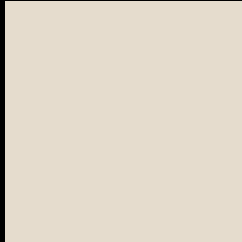
Large Text (above 18pt) WCAG AA × Fail

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 68.9257, 72.2522, 68.0709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

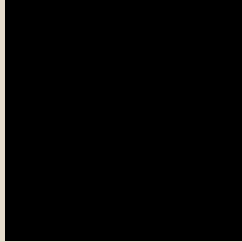
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

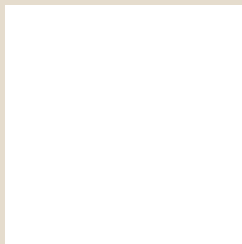
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.9257, 72.2522, 68.0709

Background



This preview shows how black text looks on a background with the XYZ color 68.9257, 72.2522, 68.0709.

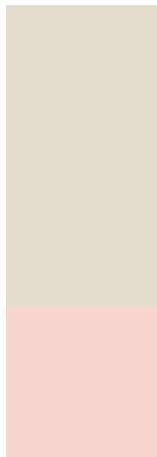


This preview shows how white text looks on a background with the XYZ color 68.9257, 72.2522,

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

68.9257, 72.2522, 68.0709

Protanopia

68.9257, 72.2522, 68.0709

Deuteranopia

73.6462, 72.0012, 68.4086



Tritanopia

72.8681, 72.3186, 87.2091

Trichromacy



Original Color

68.9257, 72.2522, 68.0709

Protanomaly

68.9257, 72.2522, 68.0709

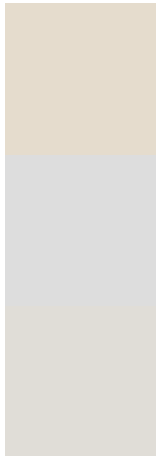
Deuteranomaly

71.9721, 72.2687, 68.5484

Tritanomaly

71.4108, 72.1092, 79.9668

Monochromacy



Original Color

68.9257, 72.2522, 68.0709

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.8627, 72.4665, 74.6480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.9257, 72.2522, 68.0709 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(229, 220, 205) looks like.

```
.text, #text, p{  
    color:rgb(229, 220, 205)  
}
```

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(229, 220, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 220, 205) }
```

Border

The CSS property to change the border of an element to XYZ 68.9257, 72.2522, 68.0709 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(229, 220, 205) }
```


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

```
.border{ border-color:rgb(229, 220, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 220, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 220, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 220, 205);  
box-shadow:4px 4px 4px 4px rgb(229, 220,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 68.9257, 72.2522, 68.0709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 220, 205) }
```

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

```
.background{ background-color: rgb(229,  
220, 205) }
```

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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