

Converting Colors

XYZ(68.7388, 72.0653, 71.3683)

Have a look what the booklet for
XYZ(68.7388, 72.0653, 71.3683)
contains.

XYZ(68.5901, 72.0083, 71.2567)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(68.5901, 72.0083,
71.2567)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DCD2
RGB	226, 220, 210
RGB Percent	89%, 86%, 82%
CMY	0.1137, 0.1372, 0.1765
CMYK	0.00, 0.03, 0.07, 0.11
HSL	38°, 22%, 85%
HSV	38°, 7%, 89%
XYZ	68.5901, 72.0083, 71.2567
YIQ	220.6540, 6.7860, -1.8380

Conversions

Conversions Part 2

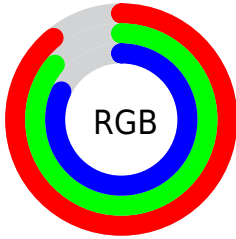
Format	Color
R _Y B	220, 226, 210
Decimal	14867666
CIE Lab	87.97, 0.32, 5.62
CIE LCh	88, 5.632, 86.706
Yxy	72.0083, 0.3238, 0.3399
Android (android.graphics.Color)	4293057746 (0xFFE2DCD2)
YUV	220.6540, -5.2524, 4.6884
Hunter-Lab	84.8577, -4.2202, 9.6134

Details

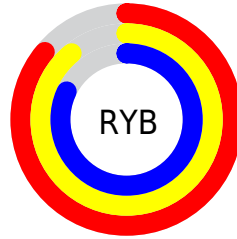
The XYZ color **68.5901, 72.0083, 71.2567** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.8616, 68.3033, 81.7176**, and the grayscale version is **68.5187, 72.0870, 78.5027**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.2505, 37.9685, 36.8705** is the 20% darker color. If you saturate the color by 10%, you get **63.8048, 66.6295, 56.7373**, and if you desaturate by 10%, it is **73.8897, 77.7777, 87.9111**.

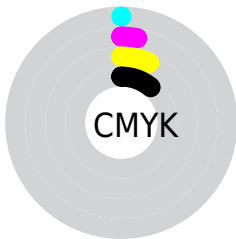
Distribution



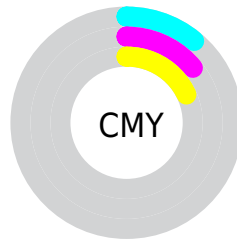
- Red (89%)
- Green (86%)
- Blue (82%)



- Red (86%)
- Yellow (89%)
- Blue (82%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.5901, 72.0083, 71.2567 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 68.5901, 72.0083, 71.2567 by changing the saturation by 10% instead.

■ 68.5901, 72.0083,
71.2567

■ 68.5901, 72.0083,
71.2567

444.9280,
467.5705, 483.8581

■ 50.6534, 53.1655,
52.0686

116.2332,
122.0683, 122.6970

■ 36.1528, 37.9349,
36.6771

146.6703,
154.0543, 155.7863

■ 24.7228, 25.9321,
24.6638

182.0049,
191.1901, 194.3464

■ 15.9983, 16.7729,
15.6100

222.6024,
233.8602, 238.7959

■ 9.6138, 10.0727,
9.0973

268.8281,
282.4488, 289.5533

■ 5.2039, 5.4472,
4.7070

321.0473,

■ 2.4034, 2.5120,

337.3405, 347.0371

2.0207

379.6255,
398.9196, 411.6658

■ 0.8468, 0.8826,
0.5679

■ 0.0000, 0.0000,
0.0000

■ 68.5901, 72.0083,
71.2567

■ 68.5901, 72.0083,
71.2567

■ 63.8048, 66.6295,
56.7373

■ 73.8897, 77.7777,
87.9111

■ 59.5096, 61.6219,
44.2603

■ 79.6823, 83.9248,
106.6071

■ 55.6871, 56.9782,
33.7334

■ 82.1919, 88.9440,
107.4437

■ 52.3164, 52.6874,
25.0550

■ 84.8188, 94.1978,
108.3193

■ 49.3748, 48.7375,
18.1145

■ 85.1744, 94.9089,
108.4378

■ 46.8374, 45.1156,
12.7892

■ 44.6759, 41.8075,
8.9403

■ 42.8578, 38.7970,
6.4052

■ 41.3409, 36.0642,
4.9717

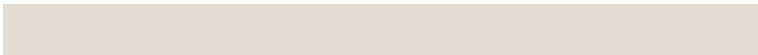
Harmonies

Analogous

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



69.8678, 72.0083, 72.3892



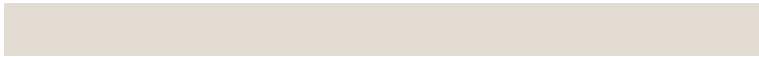
68.5901, 72.0083, 71.2567



67.2887, 72.0083, 71.9873

Triad

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



68.5901, 72.0083, 71.2567



66.1626, 72.0083, 81.7727



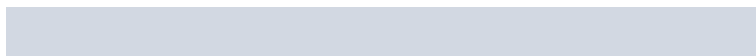
70.6211, 72.0083, 82.5314

Complementary

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



68.5901, 72.0083, 71.2567



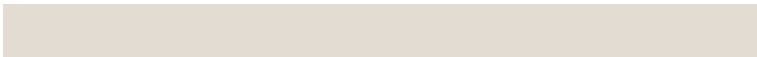
64.8616, 68.3033, 81.7176

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.



69.6078, 72.0083, 85.1928



68.5901, 72.0083, 71.2567



67.0352, 72.0083, 84.7448

Square

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



68.5901, 72.0083, 71.2567



65.8981, 72.0083, 77.9809



68.2936, 72.0083, 86.0156



71.0500, 72.0083, 78.8302

Rectangle

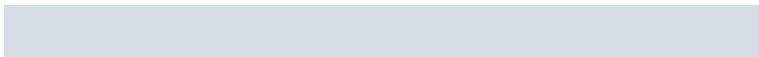
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.5901, 72.0083, 71.2567



66.5809, 72.0083, 73.4460



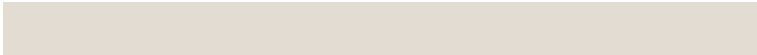
68.2936, 72.0083, 86.0156



70.3369, 72.0083, 83.5819

Sweetspot

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



68.5921, 72.0114, 71.2583



93.6330, 98.4625, 104.4305



66.8235, 67.2278, 74.5114



20.0562, 21.0912, 22.3992



0.0000, 0.0000, 0.0000



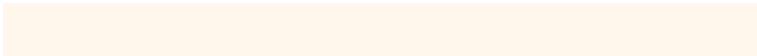
20.3446, 21.4041, 23.3091

Same Dimension

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



68.5921, 72.0114, 71.2583



89.5472, 93.9741, 91.7138



69.6119, 74.9154, 71.7650



14.4176, 15.1212, 14.4656



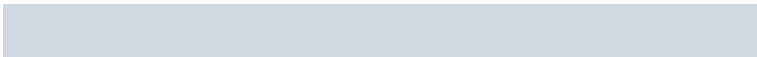
23.4707, 20.3792, 2.6965



1.7120, 1.5829, 0.2153

Inverse Universe

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



64.8616, 68.3033, 81.7176



84.0040, 88.4642, 107.2556



63.8880, 65.5625, 81.2399



13.3708, 14.0807, 17.4008



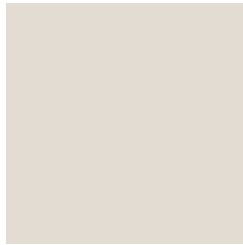
9.7760, 7.0215, 41.8884



0.7617, 0.6548, 2.9315

Previews

White Background



This preview shows how the XYZ color 68.5901, 72.0083, 71.2567 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 68.5901, 72.0083, 71.2567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

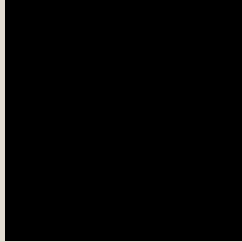
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

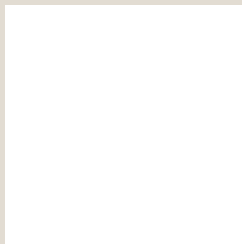
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.5901, 72.0083, 71.2567

Background



This preview shows how black text looks on a background with the XYZ color 68.5901, 72.0083, 71.2567.



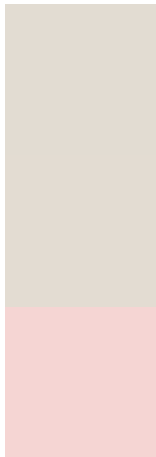
This preview shows how white text looks on a background with the XYZ color 68.5901, 72.0083,

71.2567.

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

68.5901, 72.0083, 71.2567

Protanopia

68.9046, 72.1704, 71.2714

Deuteranopia

73.2083, 71.7041, 71.6098



Tritanopia

71.7202, 71.7103, 87.9033

Trichromacy



Original Color

68.5901, 72.0083, 71.2567

Protanomaly

68.9046, 72.1704, 71.2714

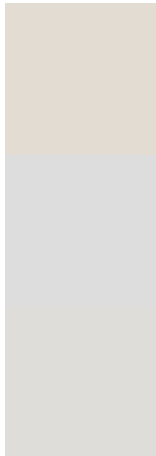
Deuteranomaly

71.5736, 71.9920, 71.7515

Tritanomaly

70.3984, 71.5559, 81.3354

Monochromacy



Original Color

68.5901, 72.0083, 71.2567

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.8123, 72.4106, 75.9955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.5901, 72.0083, 71.2567 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(226, 220, 210)` looks like.

```
.text, #text, p{  
    color:rgb(226, 220, 210)  
}
```

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(226, 220, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 220, 210) }
```

Border

The CSS property to change the border of an element to XYZ 68.5901, 72.0083, 71.2567 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(226, 220, 210) }
```


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

```
.border{ border-color:rgb(226, 220, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 220, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 220, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 220, 210);  
box-shadow:4px 4px 4px 4px rgb(226, 220,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 68.5901, 72.0083, 71.2567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 220, 210) }
```

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

```
.background{ background-color: rgb(226,  
220, 210) }
```

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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