

Converting Colors

XYZ(67.0687, 72.2561, 71.1469)

Have a look what the booklet for
XYZ(67.0687, 72.2561, 71.1469)
contains.

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Color

**XYZ(67.2340, 72.4886,
71.4209)**

Conversions

Conversions Part 1

Format	Color
Hex	DBDFD2
RGB	219, 223, 210
RGB Percent	86%, 87%, 82%
CMY	0.1412, 0.1255, 0.1765
CMYK	0.02, 0.00, 0.06, 0.13
HSL	78°, 17%, 85%
HSV	78°, 6%, 87%
XYZ	67.2340, 72.4886, 71.4209
YIQ	220.3220, 1.7890, -4.8910

Conversions

Conversions Part 2

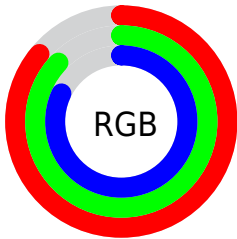
Format	Color
R _Y B	210, 223, 214
Decimal	14409682
CIE Lab	88.20, -3.65, 5.89
CIE LCh	88, 6.924, 121.772
Yxy	72.4886, 0.3184, 0.3433
Android (android.graphics.Color)	4292599762 (0xFFDBDFD2)
YUV	220.3220, -5.0887, -1.1594
Hunter-Lab	85.1402, -8.0366, 9.8620

Details

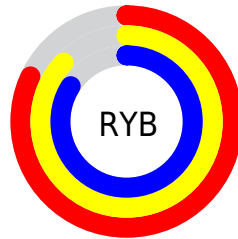
The XYZ color **67.2340, 72.4886, 71.4209** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.1003, 65.7190, 79.1224**, and the grayscale version is **68.2877, 71.8440, 78.2381**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.3132, 38.2981, 36.9836** is the 20% darker color. If you saturate the color by 10%, you get **62.6242, 70.4133, 57.6987**, and if you desaturate by 10%, it is **72.3202, 74.7690, 87.1894**.

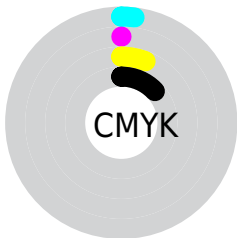
Distribution



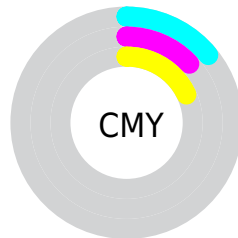
- Red (86%)
- Green (87%)
- Blue (82%)



- Red (82%)
- Yellow (87%)
- Blue (84%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (13%)



- Cyan (14%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2340, 72.4886, 71.4209 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 67.2340, 72.4886, 71.4209 by changing the saturation by 10% instead.

■ 67.2340, 72.4886,
71.4209

■ 67.2340, 72.4886,
71.4209

440.1966,
469.2405, 484.4467

■ 49.5462, 53.5579,
52.2018

114.3036,
122.7509, 122.9329

■ 35.2693, 38.2483,
36.7826

144.4161,
154.8514, 156.0629

■ 24.0379, 26.1755,
24.7448

179.4009,
192.1105, 194.6669

■ 15.4866, 16.9550,
15.6697

219.6233,
234.9127, 239.1635

■ 9.2501, 10.2024,
9.1389

265.4488,
283.6424, 289.9713

■ 4.9631, 5.5334,
4.7339

317.2426,

■ 2.2602, 2.5635,

338.6840, 347.5087

2.0360

375.3701,
400.4219, 412.1943

■ 0.7742, 0.9083,
0.5773

■ 0.0000, 0.0000,
0.0000

■ 67.2340, 72.4886,
71.4209

■ 67.2340, 72.4886,
71.4209

■ 62.6242, 70.4133,
57.6987

■ 72.3202, 74.7690,
87.1894

■ 58.4680, 68.5267,
45.9342

■ 77.8929, 77.2517,
105.0785

■ 54.7493, 66.8248,
36.0393

■ 80.2391, 78.4538,
105.5218

■ 51.4486, 65.2996,
27.9172

■ 82.6095, 79.6758,
105.6327

■ 48.5449, 63.9426,
21.4628

■ 85.0691, 80.9438,
105.7478

■ 46.0151, 62.7443,
16.5593

■ 85.6791, 81.2582,
105.7764

■ 43.8329, 61.6942,
13.0754

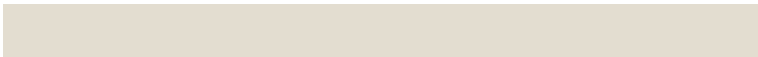
■ 41.9683, 60.7801,
10.8578

■ 40.3840, 59.9870,
9.7172

Harmonies

Analogous

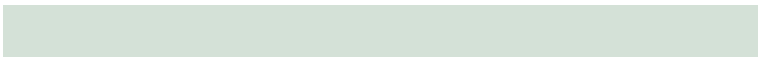
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.7997, 72.4886, 70.1532



67.2340, 72.4886, 71.4209



66.1287, 72.4886, 74.6897

Triad

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



67.2340, 72.4886, 71.4209



67.4021, 72.4886, 87.2444



72.1325, 72.4886, 78.6459

Complementary

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



67.2340, 72.4886, 71.4209



64.1003, 65.7190, 79.1224

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.



71.7441, 72.4886, 83.3232



67.2340, 72.4886, 71.4209



68.9968, 72.4886, 88.4051

Square

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



67.2340, 72.4886, 71.4209



66.2246, 72.4886, 83.8311



70.5897, 72.4886, 86.9430



71.6429, 72.4886, 74.2195

Rectangle

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



67.2340, 72.4886, 71.4209



65.7924, 72.4886, 77.6290



70.5897, 72.4886, 86.9430



72.1003, 72.4886, 80.2409

Sweetspot

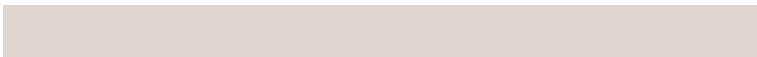
The Sweet Spot groups the original color and five complimentary colors.



67.2360, 72.4917, 71.4225



93.6642, 99.3792, 104.6058



66.0881, 68.3860, 70.6905



20.0626, 21.2778, 22.4349



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.



67.2360, 72.4917, 71.4225



90.3147, 97.8756, 94.3675



65.3476, 71.5182, 71.3341



14.6362, 15.8952, 15.1877



23.5094, 35.1520, 5.5459



1.7198, 2.4831, 0.3886

Inverse Universe

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



64.1003, 65.7190, 79.1224



85.2178, 86.8671, 106.8833



66.0049, 66.7009, 79.2116



13.7508, 13.9829, 17.3619



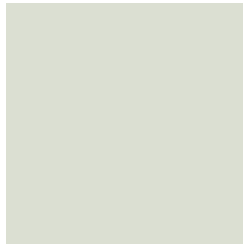
9.3624, 3.9218, 41.3119



0.7385, 0.3180, 2.8677

Previews

White Background



This preview shows how the XYZ color 67.2340, 72.4886, 71.4209 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 67.2340, 72.4886, 71.4209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

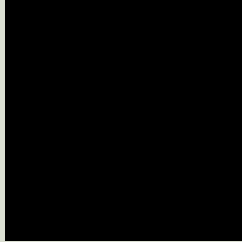
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

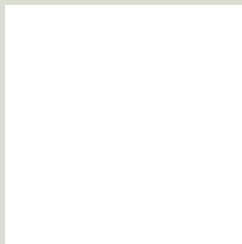
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.2340, 72.4886, 71.4209

Background



This preview shows how black text looks on a background with the XYZ color 67.2340, 72.4886, 71.4209.



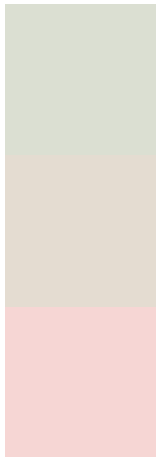
This preview shows how white text looks on a background with the XYZ color 67.2340, 72.4886, 71.4209.

71.4209.

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

67.2340, 72.4886, 71.4209

Protanopia

69.0967, 72.2838, 70.6320

Deuteranopia

73.9363, 72.4394, 72.3727



Tritanopia

70.9033, 72.4071, 89.5959

Trichromacy



Original Color

67.2340, 72.4886, 71.4209

Protanomaly

68.4164, 72.3239, 70.6756

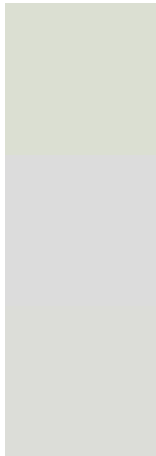
Deuteranomaly

71.1628, 72.1617, 71.8059

Tritanomaly

69.5825, 72.2620, 82.9536

Monochromacy



Original Color

67.2340, 72.4886, 71.4209

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.7663, 71.8864, 75.2695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2340, 72.4886, 71.4209 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(219, 223, 210) looks like.

```
.text, #text, p{  
    color:rgb(219, 223, 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(219, 223, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 223, 210) }
```

Border

The CSS property to change the border of an element to XYZ 67.2340, 72.4886, 71.4209 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(219, 223, 210) }
```


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

```
.border{ border-color:rgb(219, 223, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 223, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 223, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 223, 210);  
box-shadow:4px 4px 4px 4px rgb(219, 223,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2340, 72.4886, 71.4209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 223, 210) }
```

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

```
.background{ background-color: rgb(219,  
223, 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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