

Converting Colors

XYZ(67.7940, 72.3118, 71.8532)

Have a look what the booklet for
XYZ(67.7940, 72.3118, 71.8532)
contains.

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Color

**XYZ(68.0033, 72.4753,
72.0330)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDED3
RGB	222, 222, 211
RGB Percent	87%, 87%, 83%
CMY	0.1294, 0.1294, 0.1725
CMYK	0.00, 0.00, 0.05, 0.13
HSL	60°, 14%, 85%
HSV	60°, 5%, 87%
XYZ	68.0033, 72.4753, 72.0330
YIQ	220.7460, 3.5310, -3.4210

Conversions

Conversions Part 2

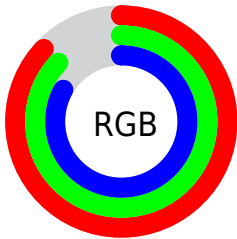
Format	Color
R _Y B	211, 222, 211
Decimal	14606035
CIE Lab	88.20, -1.93, 5.38
CIE LCh	88, 5.715, 109.692
Yxy	72.4753, 0.3200, 0.3410
Android (android.graphics.Color)	4292796115 (0xFFDEDED3)
YUV	220.7460, -4.8048, 1.0998
Hunter-Lab	85.1324, -6.3970, 9.4257

Details

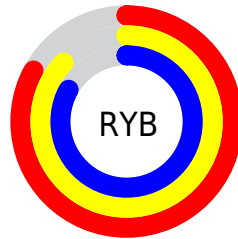
The XYZ color **68.0033, 72.4753, 72.0330** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.3459, 65.7134, 78.4563**, and the grayscale version is **68.5817, 72.1533, 78.5749**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.8409, 38.2872, 37.3994** is the 20% darker color. If you saturate the color by 10%, you get **65.4082, 71.4393, 58.3728**, and if you desaturate by 10%, it is **70.9869, 73.6714, 87.7209**.

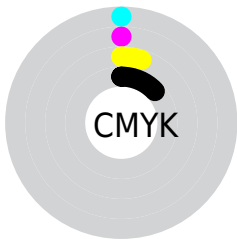
Distribution



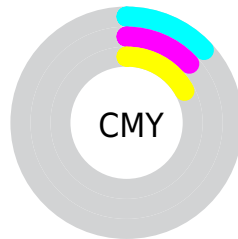
- Red (87%)
- Green (87%)
- Blue (83%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.0033, 72.4753, 72.0330 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 68.0033, 72.4753, 72.0330 by changing the saturation by 10% instead.

■ 68.0033, 72.4753,
72.0330

■ 68.0033, 72.4753,
72.0330

442.8843,
469.1943, 486.6371

■ 50.1741, 53.5470,
52.6986

115.3987,
122.7320, 123.8116

■ 35.7701, 38.2396,
37.1762

145.6957,
154.8293, 157.0929

■ 24.4260, 26.1687,
25.0471

180.8793,
192.0850, 195.8603

■ 15.7764, 16.9499,
15.8928

221.3149,
234.8836, 240.5323

■ 9.4559, 10.1988,
9.2948

267.3678,
283.6094, 291.5274

■ 5.0992, 5.5310,
4.8345

319.4035,

■ 2.3409, 2.5620,

338.6469, 349.2642

2.0935

377.7871,
400.3803, 414.1613

■ 0.8155, 0.9076,
0.6119

■ 0.0000, 0.0000,
0.0000

■ 68.0033, 72.4753,
72.0330

■ 68.0033, 72.4753,
72.0330

■ 65.4082, 71.4393,
58.3728

■ 70.9869, 73.6714,
87.7209

■ 63.1799, 70.5476,
46.6530

■ 74.3028, 74.9981,
105.1676

■ 61.3036, 69.7968,
36.7872

■ 74.3055, 74.9995,
105.1678

■ 59.7614, 69.1796,
28.6805

■ 74.3083, 75.0009,
105.1679

■ 58.5336, 68.6881,
22.2294

■ 74.3111, 75.0024,
105.1680

■ 57.5985, 68.3138,
17.3200

■ 74.3139, 75.0038,
105.1682

■ 56.9318, 68.0468,
13.8237

■ 74.3166, 75.0052,
105.1683

■ 56.5052, 67.8758,
11.5914

■ 74.3194, 75.0066,
105.1684

■ 56.2838, 67.7870,
10.4403

■ 74.3222, 75.0081,
105.1685

Harmonies

Analogous

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



69.3572, 72.4753, 71.7333



68.0033, 72.4753, 72.0330



66.8997, 72.4753, 74.1411

Triad

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



68.0033, 72.4753, 72.0330



67.1985, 72.4753, 84.7967



71.5053, 72.4753, 80.2685

Complementary

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



68.0033, 72.4753, 72.0330



63.3459, 65.7134, 78.4563

Split Complementary

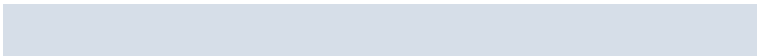
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.9104, 72.4753, 83.8859



68.0033, 72.4753, 72.0330



68.4161, 72.4753, 86.5570

Square

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



68.0033, 72.4753, 72.0330



66.4393, 72.4753, 81.4783



69.7755, 72.4753, 86.2183



71.3912, 72.4753, 76.4027

Rectangle

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



68.0033, 72.4753, 72.0330



66.4488, 72.4753, 76.3283



69.7755, 72.4753, 86.2183



71.3813, 72.4753, 81.5560

Sweetspot

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



68.0053, 72.4784, 72.0346



94.6417, 99.8366, 106.7520



65.1786, 66.8230, 71.0919



20.2615, 21.3709, 22.8720



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.



68.0053, 72.4784, 72.0346



92.6813, 99.0523, 96.4388



66.3487, 71.6244, 71.9570



15.0397, 16.0967, 15.5033



33.3925, 40.2470, 6.0085



2.3148, 2.7898, 0.4165

Inverse Universe

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



63.3459, 65.7134, 78.4563



84.9574, 87.8376, 107.0844



64.9481, 66.5393, 78.5313



13.6705, 14.1087, 17.3904



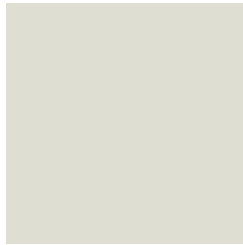
7.8324, 3.1331, 41.2403



0.5431, 0.2173, 2.8586

Previews

White Background



This preview shows how the XYZ color 68.0033, 72.4753, 72.0330 looks on a white background.

Color Contrast Check

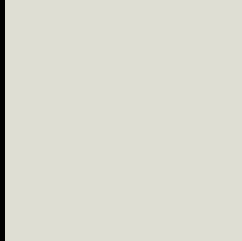
Large Text (above 18pt) WCAG AA × Fail

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 68.0033, 72.4753, 72.0330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

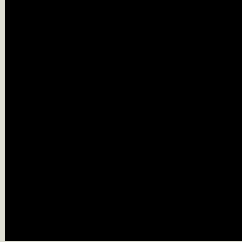
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

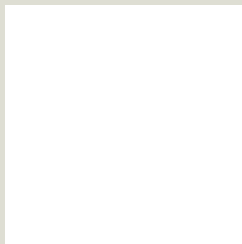
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.0033, 72.4753, 72.0330

Background



This preview shows how black text looks on a background with the XYZ color 68.0033, 72.4753, 72.0330.



This preview shows how white text looks on a background with the XYZ color 68.0033, 72.4753,

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

68.0033, 72.4753, 72.0330

Protanopia

69.2210, 72.3335, 71.2862

Deuteranopia

74.0628, 72.4901, 73.0392



Tritanopia

71.5758, 72.3677, 89.5528

Trichromacy



Original Color

68.0033, 72.4753, 72.0330

Protanomaly

68.8533, 72.5348, 71.3444

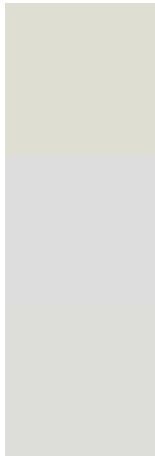
Deuteranomaly

71.6216, 72.3837, 72.4839

Tritanomaly

70.2480, 72.2166, 82.9098

Monochromacy



Original Color

68.0033, 72.4753, 72.0330

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.1996, 72.0948, 75.9668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0033, 72.4753, 72.0330 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(222, 222, 211)` looks like.

```
.text, #text, p{  
    color:rgb(222, 222, 211)  
}
```

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(222, 222, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 222, 211) }
```

Border

The CSS property to change the border of an element to XYZ 68.0033, 72.4753, 72.0330 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(222, 222, 211) }
```


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

```
.border{ border-color:rgb(222, 222, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 222, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 222, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 222, 211);  
box-shadow:4px 4px 4px 4px rgb(222, 222,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0033, 72.4753, 72.0330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 222, 211) }
```

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

```
.background{ background-color: rgb(222,  
222, 211) }
```

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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