

Converting Colors

XYZ(69.8603, 72.5432, 78.0685)

Have a look what the booklet for
XYZ(69.8603, 72.5432, 78.0685)
contains.

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Color

**XYZ(69.8755, 72.5225,
78.0255)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DCDC
RGB	226, 220, 220
RGB Percent	89%, 86%, 86%
CMY	0.1137, 0.1372, 0.1372
CMYK	0.00, 0.03, 0.03, 0.11
HSL	0°, 9%, 87%
HSV	0°, 3%, 89%
XYZ	69.8755, 72.5225, 78.0255
YIQ	221.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

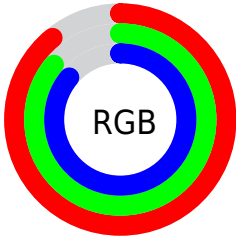
Format	Color
R _Y B	226, 220, 220
Decimal	14867676
CIE Lab	88.22, 2.04, 0.72
CIE LCh	88, 2.165, 19.289
Yxy	72.5225, 0.3170, 0.3290
Android (android.graphics.Color)	4293057756 (0xFFE2DCDC)
YUV	221.7940, -0.8844, 3.6887
Hunter-Lab	85.1601, -2.5676, 5.2894

Details

The XYZ color **69.8755, 72.5225, 78.0255** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.4389, 75.0982, 82.7353**, and the grayscale version is **69.2919, 72.9004, 79.3886**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0413, 38.2848, 41.0347** is the 20% darker color. If you saturate the color by 10%, you get **61.5504, 60.3424, 61.4679**, and if you desaturate by 10%, it is **79.4101, 86.4723, 96.9844**.

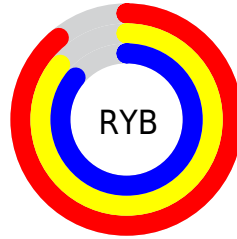
Distribution



Red (89%)

Green (86%)

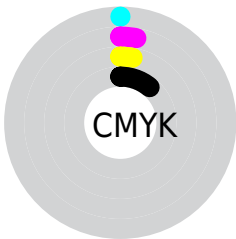
Blue (86%)



Red (89%)

Yellow (86%)

Blue (86%)

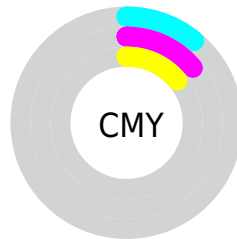


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (11%)



Cyan (11%)

Magenta (14%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.8755, 72.5225, 78.0255 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 69.8755, 72.5225, 78.0255 by changing the saturation by 10% instead.

■ 69.8755, 72.5225,
78.0255

■ 69.8755, 72.5225,
78.0255

449.3860,
469.3582, 507.7836

■ 51.7043, 53.5856,
57.5784

118.0584,
122.7991, 132.3723

■ 36.9927, 38.2705,
41.0573

148.8008,
154.9076, 167.1090

■ 25.3755, 26.1927,
28.0438

184.4644,
192.1754, 207.4459

■ 16.4873, 16.9678,
18.1194

225.4143,
234.9870, 253.8017

■ 9.9626, 10.2116,
10.8654

272.0161,
283.7266, 306.5948

■ 5.4363, 5.5395,
5.8634

324.6351,

■ 2.5428, 2.5671,

338.7788, 366.2438

2.6947

383.6366,
400.5278, 433.1672

■ 0.9169, 0.9102,
0.9408

■ 0.0000, 0.0000,
0.0000

■ 69.8755, 72.5225,
78.0255

■ 69.8755, 72.5225,
78.0255

■ 61.5504, 60.3424,
61.4679

■ 79.4101, 86.4723,
96.9844

■ 54.3808, 49.8523,
47.2114

■ 85.1744, 94.9090,
108.4378

■ 48.3174, 40.9805,
35.1556

■ 43.3052, 33.6465,
25.1909

■ 39.2845, 27.7628,
17.1984

■ 36.1894, 23.2333,
11.0471

■ 33.9463, 19.9502,
6.5904

■ 32.4703, 17.7893,
3.6592

■ 31.6590, 16.6011,
2.0498

Harmonies

Analogous

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



69.9144, 72.5225, 79.4964



69.8755, 72.5225, 78.0255



69.5826, 72.5225, 76.8207

Triad

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



69.8755, 72.5225, 78.0255



68.1777, 72.5225, 77.1174



68.7454, 72.5225, 81.8028

Complementary

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



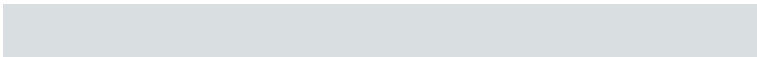
69.8755, 72.5225, 78.0255



70.4389, 75.0982, 82.7353

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.



68.2824, 72.5225, 81.1482



69.8755, 72.5225, 78.0255



67.9558, 72.5225, 78.4353

Square

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



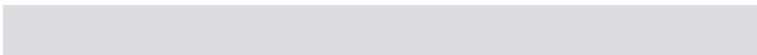
69.8755, 72.5225, 78.0255



68.6017, 72.5225, 76.3010



67.9940, 72.5225, 79.9114



69.2602, 72.5225, 81.6897

Rectangle

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



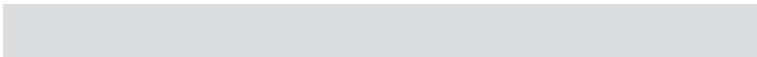
69.8755, 72.5225, 78.0255



69.2836, 72.5225, 76.3246



67.9940, 72.5225, 79.9114



68.5786, 72.5225, 81.6649

Sweetspot

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



69.8775, 72.5256, 78.0271



93.8345, 98.2217, 106.4829



70.6857, 72.8472, 82.2878



20.0973, 21.0422, 22.8172



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.



69.8775, 72.5256, 78.0271



91.4521, 94.7360, 101.7450



70.6709, 74.1124, 78.2915



14.7316, 15.1996, 16.2645



17.8945, 9.2268, 0.8378



1.2406, 0.6401, 0.0582

Inverse Universe

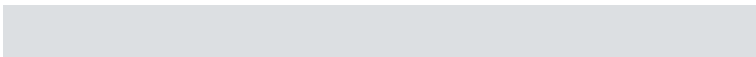
The Inverse Universe completely reimagines the original color for something new.



70.4389, 75.0982, 82.7353



92.2897, 98.5746, 108.7703



69.6313, 73.4830, 82.4661



14.9011, 15.9763, 17.6860



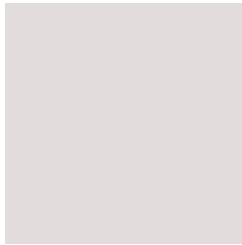
23.3239, 34.1173, 46.4044



1.6169, 2.3653, 3.2166

Previews

White Background



This preview shows how the XYZ color 69.8755, 72.5225, 78.0255 looks on a white background.

Color Contrast Check

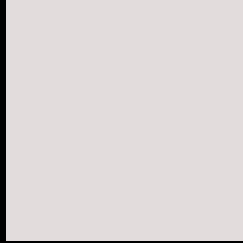
Large Text (above 18pt) WCAG AA × Fail

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 69.8755, 72.5225, 78.0255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

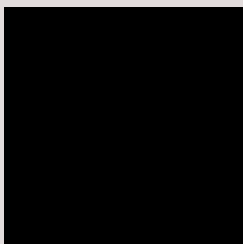
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

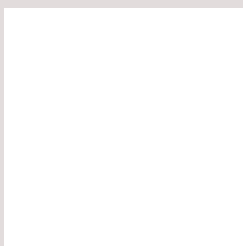
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.8755, 72.5225, 78.0255

Background



This preview shows how black text looks on a background with the XYZ color 69.8755, 72.5225, 78.0255.

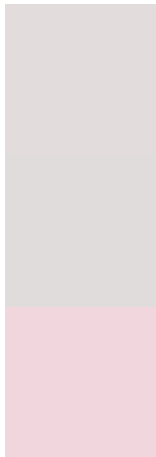


This preview shows how white text looks on a background with the XYZ color 69.8755, 72.5225,

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

69.8755, 72.5225, 78.0255

Protanopia

69.5628, 72.3613, 78.0109

Deuteranopia

73.7157, 72.1908, 78.4556



Tritanopia

72.0617, 72.6349, 88.8191

Trichromacy



Original Color

69.8755, 72.5225, 78.0255

Protanomaly

69.5628, 72.3613, 78.0109

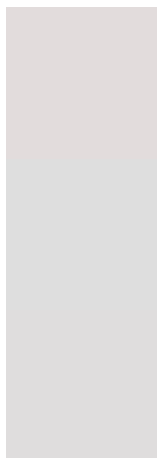
Deuteranomaly

72.1991, 72.1651, 78.5306

Tritanomaly

71.2930, 72.7071, 85.1392

Monochromacy



Original Color

69.8755, 72.5225, 78.0255

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.3390, 72.6213, 78.7694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8755, 72.5225, 78.0255 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, 220) looks like.

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

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, 220) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 69.8755, 72.5225, 78.0255 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, 220) }
```


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

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

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, 220)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 69.8755, 72.5225, 78.0255 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, 220) }
```

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

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

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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