

Converting Colors

XYZ(69.7467, 72.0522, 78.6380)

Have a look what the booklet for
XYZ(69.7467, 72.0522, 78.6380)
contains.

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Color

**XYZ(69.7467, 72.0522,
78.6380)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DBDD
RGB	226, 219, 221
RGB Percent	89%, 86%, 87%
CMY	0.1137, 0.1412, 0.1333
CMYK	0.00, 0.03, 0.02, 0.11
HSL	343°, 11%, 87%
HSV	343°, 3%, 89%
XYZ	69.7467, 72.0522, 78.6380
YIQ	221.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

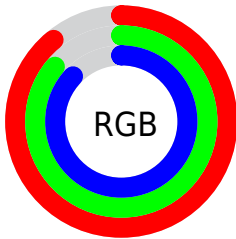
Format	Color
R _Y B	226, 219, 221
Decimal	14867421
CIE Lab	87.99, 2.74, -0.14
CIE LCh	88, 2.743, 357.051
Yxy	72.0522, 0.3164, 0.3269
Android (android.graphics.Color)	4293057501 (0xFFE2DBDD)
YUV	221.3210, -0.1583, 4.1035
Hunter-Lab	84.8836, -1.8773, 4.4909

Details

The XYZ color **69.7467, 72.0522, 78.6380** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.8670, 74.8365, 81.2873**, and the grayscale version is **68.9538, 72.5448, 79.0013**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.9530, 37.9620, 41.4562** is the 20% darker color. If you saturate the color by 10%, you get **62.1973, 60.2324, 66.0104**, and if you desaturate by 10%, it is **78.3078, 85.5620, 92.6260**.

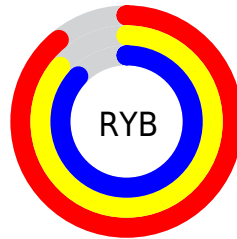
Distribution



Red (89%)

Green (86%)

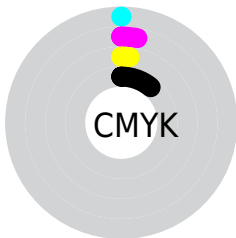
Blue (87%)



Red (89%)

Yellow (86%)

Blue (87%)

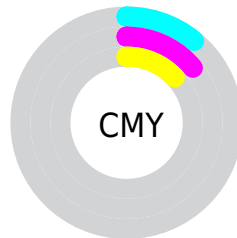


Cyan (0%)

Magenta (3%)

Yellow (2%)

Black (11%)



Cyan (11%)

Magenta (14%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.7467, 72.0522, 78.6380 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 69.7467, 72.0522, 78.6380 by changing the saturation by 10% instead.

■ 69.7467, 72.0522,
78.6380

■ 69.7467, 72.0522,
78.6380

448.9404,
467.7233, 509.9161

■ 51.5989, 53.2013,
58.0787

117.8757,
122.1307, 133.2432

■ 36.9084, 37.9635,
41.4568

148.5876,
154.1272, 168.1261

■ 25.3100, 25.9544,
28.3538

184.2183,
191.2743, 208.6206

■ 16.4381, 16.7895,
18.3512

225.1331,
233.9564, 255.1452

■ 9.9275, 10.0845,
11.0304

271.6973,
282.5580, 308.1186

■ 5.4128, 5.4550,
5.9728

324.2764,

■ 2.5287, 2.5166,

337.4634, 367.9591

2.7600

383.2356,
399.0570, 435.0854

■ 0.9097, 0.8850,
0.9735

■ 0.0000, 0.0000,
0.0000

■ 69.7467, 72.0522,
78.6380

■ 69.7467, 72.0522,
78.6380

■ 62.1973, 60.2324,
66.0104

■ 78.3078, 85.5620,
92.6260

■ 55.6155, 50.0268,
54.6973

■ 84.9028, 94.8003,
107.0068

■ 49.9631, 41.3678,
44.6568

■ 85.1745, 94.9090,
108.4378

■ 45.1970, 34.1792,
35.8431

■ 41.2706, 28.3786,
28.2074

■ 38.1327, 23.8751,
21.6976

■ 35.7264, 20.5670,
16.2573

■ 33.9867, 18.3373,
11.8248

■ 32.8359, 17.0447,
8.3306

Harmonies

Analogous

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



69.5439, 72.0522, 80.4273



69.7467, 72.0522, 78.6380



69.6093, 72.0522, 76.8265

Triad

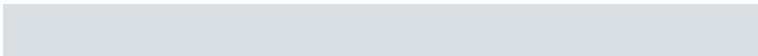
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.7467, 72.0522, 78.6380



67.9133, 72.0522, 75.2894



67.8019, 72.0522, 81.5130

Complementary

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



69.7467, 72.0522, 78.6380



69.8670, 74.8365, 81.2873

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.



67.3699, 72.0522, 80.1015



69.7467, 72.0522, 78.6380



67.4339, 72.0522, 76.5105

Square

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



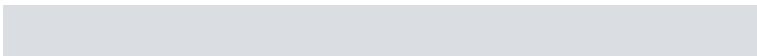
69.7467, 72.0522, 78.6380



68.5482, 72.0522, 74.9114



67.2356, 72.0522, 78.2675



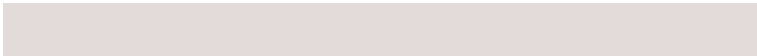
68.4188, 72.0522, 82.1036

Rectangle

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



69.7467, 72.0522, 78.6380



69.3436, 72.0522, 75.8465



67.2356, 72.0522, 78.2675



67.6304, 72.0522, 81.1177

Sweetspot

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



69.7487, 72.0553, 78.6396



93.9498, 98.2670, 107.0926



69.7709, 71.9886, 82.1705



20.1207, 21.0514, 22.9413



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.



69.7487, 72.0553, 78.6396



90.7303, 93.2032, 101.7795



69.8509, 72.6827, 77.3691



14.6396, 14.9748, 16.3595



18.4733, 9.4563, 3.8923



1.3183, 0.6706, 0.4692

Inverse Universe

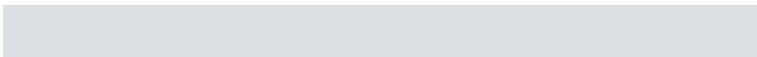
The Inverse Universe completely reimagines the original color for something new.



69.7487, 72.0553, 78.6396



90.7303, 93.2032, 101.7795



69.7605, 74.1876, 82.5955



14.6396, 14.9748, 16.3595



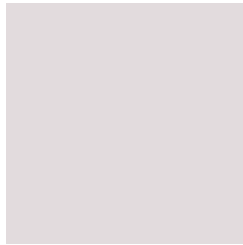
18.4733, 9.4563, 3.8923



1.3183, 0.6706, 0.4692

Previews

White Background



This preview shows how the XYZ color 69.7467, 72.0522, 78.6380 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 69.7467, 72.0522, 78.6380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

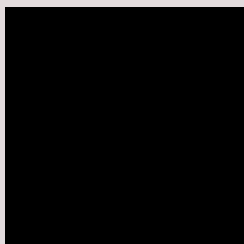
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

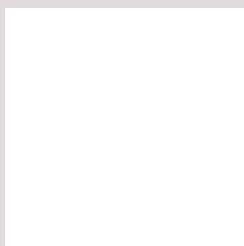
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.7467, 72.0522, 78.6380

Background



This preview shows how black text looks on a background with the XYZ color 69.7467, 72.0522, 78.6380.



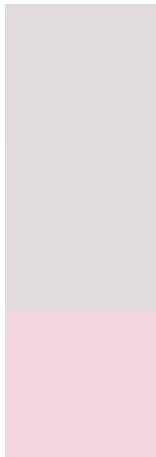
This preview shows how white text looks on a background with the XYZ color 69.7467, 72.0522,

78.6380.

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

69.7467, 72.0522, 78.6380

Protanopia

69.3848, 72.2542, 78.6961

Deuteranopia

73.5070, 72.0678, 79.1435



Tritanopia

71.6590, 72.0602, 87.9741

Trichromacy



Original Color

69.7467, 72.0522, 78.6380

Protanomaly

69.6957, 72.4144, 78.7106

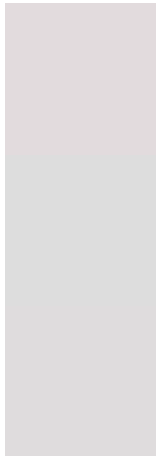
Deuteranomaly

72.3328, 72.2185, 79.2345

Tritanomaly

70.8928, 72.1308, 84.3149

Monochromacy



Original Color

69.7467, 72.0522, 78.6380

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.0758, 72.0948, 78.6816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7467, 72.0522, 78.6380 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, 219, 221) looks like.

```
.text, #text, p{  
    color:rgb(226, 219, 221)  
}
```

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, 219, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 219, 221) }
```

Border

The CSS property to change the border of an element to XYZ 69.7467, 72.0522, 78.6380 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, 219, 221) }
```


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

```
.border{ border-color:rgb(226, 219, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 219, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 219, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 219, 221);  
box-shadow:4px 4px 4px 4px rgb(226, 219,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7467, 72.0522, 78.6380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 219, 221) }
```

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

```
.background{ background-color: rgb(226,  
219, 221) }
```

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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