

Converting Colors

XYZ(69.6325, 72.6966, 79.7013)

Have a look what the booklet for
XYZ(69.6325, 72.6966, 79.7013)
contains.

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Color

**XYZ(69.4727, 72.6748,
79.4733)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDDDE
RGB	223, 221, 222
RGB Percent	87%, 87%, 87%
CMY	0.1255, 0.1333, 0.1294
CMYK	0.00, 0.01, 0.00, 0.13
HSL	330°, 3%, 87%
HSV	330°, 1%, 87%
XYZ	69.4727, 72.6748, 79.4733
YIQ	221.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

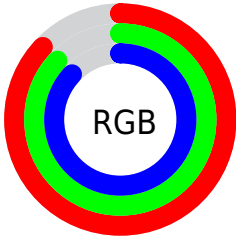
Format	Color
R _Y B	223, 221, 222
Decimal	14671326
CIE Lab	88.29, 0.86, -0.26
CIE LCh	88, 0.899, 343.234
Yxy	72.6748, 0.3135, 0.3279
Android (android.graphics.Color)	4292861406 (0xFFDFDDE)
YUV	221.7120, 0.1420, 1.1296
Hunter-Lab	85.2495, -3.7210, 4.4019

Details

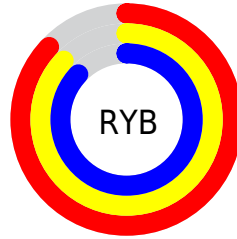
The XYZ color **69.4727, 72.6748, 79.4733** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.3940, 73.4233, 79.6256**, and the grayscale version is **69.2284, 72.8336, 79.3158**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7597, 38.3873, 42.0313** is the 20% darker color. If you saturate the color by 10%, you get **62.5243, 61.0942, 70.0142**, and if you desaturate by 10%, it is **77.3065, 85.8654, 89.7188**.

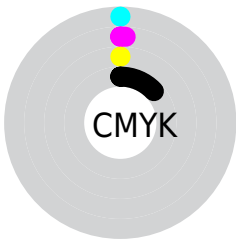
Distribution



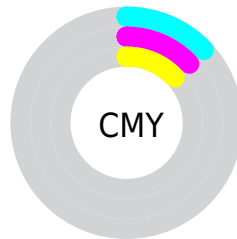
- Red (87%)
- Green (87%)
- Blue (87%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4727, 72.6748, 79.4733 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 69.4727, 72.6748, 79.4733 by changing the saturation by 10% instead.

■ 69.4727, 72.6748,
79.4733

■ 69.4727, 72.6748,
79.4733

447.9917,
469.8869, 512.8159

■ 51.3748, 53.7101,
58.7614

117.4869,
123.0154, 134.4297

■ 36.7292, 38.3699,
42.0023

148.1338,
155.1602, 169.5112

■ 25.1706, 26.2699,
28.7775

183.6946,
192.4670, 210.2198

■ 16.3336, 17.0257,
18.6685

224.5344,
235.3204, 256.9738

■ 9.8529, 10.2528,
11.2566

271.0186,
284.1047, 310.1919

■ 5.3630, 5.5669,
6.1234

323.5127,

■ 2.4987, 2.5836,

339.2042, 370.2926

2.8502

382.3820,
401.0035, 437.6944

■ 0.8946, 0.9184,
1.0187

■ 0.0000, 0.0000,
0.0000

■ 69.4727, 72.6748,
79.4733

■ 69.4727, 72.6748,
79.4733

■ 62.5243, 61.0942,
70.0142

■ 77.3065, 85.8654,
89.7188

■ 56.4225, 51.0522,
61.3164

■ 82.5730, 93.7607,
99.6062

■ 51.1349, 42.4861,
53.3603

■ 84.2419, 94.4282,
108.3942

■ 46.6245, 35.3249,
46.1236

■ 42.8512, 29.4921,
39.5827

■ 39.7713, 24.9036,
33.7122

■ 37.3362, 21.4656,
28.4847

■ 35.4902, 19.0708,
23.8703

■ 34.1675, 17.5913,
19.8349

Harmonies

Analogous

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



69.3594, 72.6748, 79.9982



69.4727, 72.6748, 79.4733



69.4793, 72.6748, 78.8592

Triad

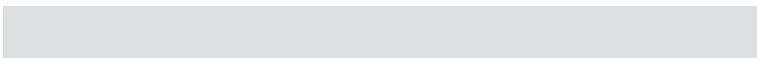
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.4727, 72.6748, 79.4733



68.9804, 72.6748, 77.9810



68.7738, 72.6748, 79.9461

Complementary

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



69.4727, 72.6748, 79.4733



69.3940, 73.4233, 79.6256

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.



68.6727, 72.6748, 79.4025



69.4727, 72.6748, 79.4733



68.7918, 72.6748, 78.2691

Square

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



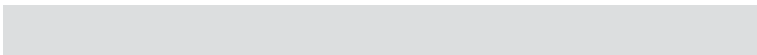
69.4727, 72.6748, 79.4733



69.1948, 72.6748, 77.9997



68.6793, 72.6748, 78.7887



68.9558, 72.6748, 80.2721

Rectangle

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



69.4727, 72.6748, 79.4733



69.4224, 72.6748, 78.4819



68.6793, 72.6748, 78.7887



68.7292, 72.6748, 79.7826

Sweetspot

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



69.4748, 72.6779, 79.4749

95.0500, 100.0000, 108.9000



69.3026, 72.5736, 80.1686



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



69.4748, 72.6779, 79.4749



94.0369, 98.3018, 107.5511



69.3416, 72.6247, 78.7736



15.3050, 16.0056, 17.5065



19.6470, 9.9258, 10.0728



1.4070, 0.7061, 0.9362

Inverse Universe

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



69.4748, 72.6779, 79.4749



94.0369, 98.3018, 107.5511



69.5280, 73.4769, 80.3310



15.3050, 16.0056, 17.5065



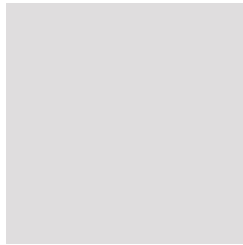
19.6470, 9.9258, 10.0728



1.4070, 0.7061, 0.9362

Previews

White Background



This preview shows how the XYZ color 69.4727, 72.6748, 79.4733 looks on a white background.

Color Contrast Check

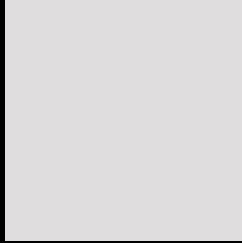
Large Text (above 18pt) WCAG AA × Fail

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 69.4727, 72.6748, 79.4733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

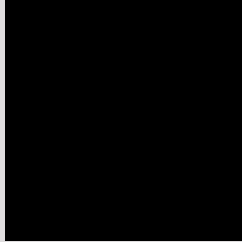
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

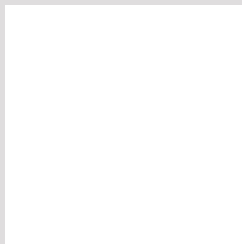
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.4727, 72.6748, 79.4733

Background



This preview shows how black text looks on a background with the XYZ color 69.4727, 72.6748, 79.4733.

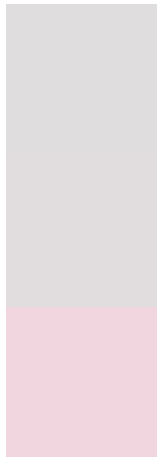


This preview shows how white text looks on a background with the XYZ color 69.4727, 72.6748,

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

69.4727, 72.6748, 79.4733

Protanopia

69.8294, 72.4679, 79.4145

Deuteranopia

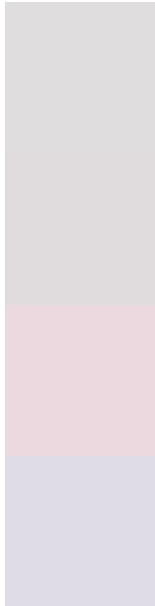
73.9838, 72.2981, 79.8676



Tritanopia

71.5232, 72.7267, 89.6249

Trichromacy



Original Color

69.4727, 72.6748, 79.4733

Protanomaly

69.5185, 72.3076, 79.4000

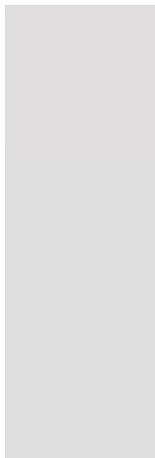
Deuteranomaly

72.3931, 72.6156, 80.0127

Tritanomaly

70.7575, 72.8032, 85.9244

Monochromacy



Original Color

69.4727, 72.6748, 79.4733

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.4303, 73.0461, 79.5472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4727, 72.6748, 79.4733 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(223, 221, 222) looks like.

```
.text, #text, p{  
    color:rgb(223, 221, 222)  
}
```

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(223, 221, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 221, 222) }
```

Border

The CSS property to change the border of an element to XYZ 69.4727, 72.6748, 79.4733 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(223, 221, 222) }
```

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

```
.border{ border-color:rgb(223, 221, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 221, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 221, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 221, 222);  
box-shadow:4px 4px 4px 4px rgb(223, 221,  
222) }
```


Background

The CSS property to change the background color of an element to XYZ 69.4727, 72.6748, 79.4733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 221, 222) }
```

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

```
.background{ background-color: rgb(223,  
221, 222) }
```

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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