

Converting Colors

XYZ(69.0318, 72.4630, 78.7550)

Have a look what the booklet for
XYZ(69.0318, 72.4630, 78.7550)
contains.

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Color

**XYZ(69.0318, 72.4630,
78.7550)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDDDD
RGB	222, 221, 221
RGB Percent	87%, 87%, 87%
CMY	0.1294, 0.1333, 0.1333
CMYK	0.00, 0.00, 0.00, 0.13
HSL	0°, 1%, 87%
HSV	0°, 0%, 87%
XYZ	69.0318, 72.4630, 78.7550
YIQ	221.2990, 0.5960, 0.2120

Conversions

Conversions Part 2

Format	Color
RYB	222, 221, 221
Decimal	14605789
CIELab	88.19, 0.34, 0.11
CIELCh	88, 0.360, 17.789
Yxy	72.4630, 0.3134, 0.3290
Android (android.graphics.Color)	4292795869 (0xFFDEDDDD)
YUV	221.2990, -0.1474, 0.6148
Hunter-Lab	85.1252, -4.2155, 4.7345

Details

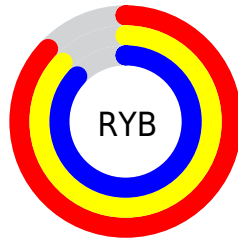
The XYZ color **69.0318, 72.4630, 78.7550** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.1249, 72.8876, 79.5336**, and the grayscale version is **68.9398, 72.5300, 78.9852**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4555, 38.2411, 41.5363** is the 20% darker color. If you saturate the color by 10%, you get **60.8088, 60.4410, 62.3733**, and if you desaturate by 10%, it is **78.4191, 86.1858, 97.4562**.

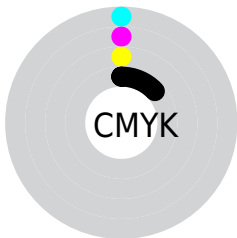
Distribution



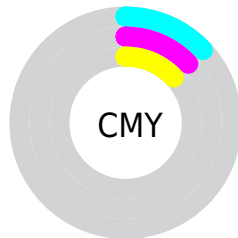
- Red (87%)
- Green (87%)
- Blue (87%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0318, 72.4630, 78.7550 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 69.0318, 72.4630, 78.7550 by changing the saturation by 10% instead.

■ 69.0318, 72.4630,
78.7550

■ 69.0318, 72.4630,
78.7550

446.4627,
469.1515, 510.3228

■ 51.0143, 53.5370,
58.1743

116.8608,
122.7146, 133.4094

■ 36.4411, 38.2316,
41.5331

147.4031,
154.8089, 168.3202

■ 24.9468, 26.1625,
28.4131

182.8510,
192.0615, 208.8448

■ 16.1659, 16.9452,
18.3955

223.5699,
234.8567, 255.4016

■ 9.7332, 10.1955,
11.0620

269.9252,
283.5789, 308.4093

■ 5.2833, 5.5287,
5.9938

322.2822,

■ 2.4509, 2.5607,

338.6125, 368.2864

2.7726

381.0063,
400.3419, 435.4514

■ 0.8706, 0.9070,
0.9797

■ 0.0000, 0.0000,
0.0000

■ 69.0318, 72.4630,
78.7550

■ 69.0318, 72.4630,
78.7550

■ 60.8088, 60.4410,
62.3733

■ 78.4191, 86.1858,
97.4562

■ 53.6989, 50.0446,
48.2162

■ 83.9346, 94.2698,
108.3798

■ 47.6562, 41.2071,
36.1893

■ 42.6292, 33.8531,
26.1895

■ 38.5621, 27.9016,
18.1052

■ 35.3940, 23.2634,
11.8141

■ 33.0566, 19.8391,
7.1798

■ 31.4722, 17.5155,
4.0463

■ 30.5483, 16.1577,
2.2279

Harmonies

Analogous

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



69.0360, 72.4630, 79.0003



69.0318, 72.4630, 78.7550



68.9853, 72.4630, 78.5489

Triad

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



69.0318, 72.4630, 78.7550



68.7513, 72.4630, 78.5815



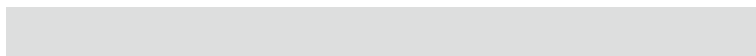
68.8389, 72.4630, 79.3646

Complementary

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



69.0318, 72.4630, 78.7550



69.1249, 72.8876, 79.5336

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.



68.7626, 72.4630, 79.2519



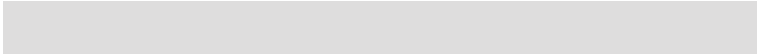
69.0318, 72.4630, 78.7550



68.7121, 72.4630, 78.7996

Square

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



69.0318, 72.4630, 78.7550



68.8233, 72.4630, 78.4489



68.7163, 72.4630, 79.0450



68.9245, 72.4630, 79.3526

Rectangle

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



69.0318, 72.4630, 78.7550



68.9366, 72.4630, 78.4614



68.7163, 72.4630, 79.0450



68.8113, 72.4630, 79.3400

Sweetspot

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



69.0339, 72.4661, 78.7566

95.0500, 100.0000, 108.9000



69.1665, 72.5175, 79.4600



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.



69.0339, 72.4661, 78.7566



93.8371, 98.2269, 106.4837



69.1650, 72.7285, 78.8003



15.2745, 15.9942, 17.3436



17.9006, 9.2391, 0.8399



1.2423, 0.6435, 0.0587

Inverse Universe

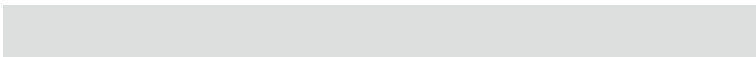
The Inverse Universe completely reimagines the original color for something new.



69.1249, 72.8876, 79.5336



94.1149, 99.5133, 108.8553



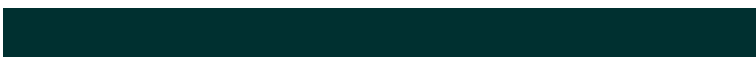
68.9933, 72.6245, 79.4898



15.3169, 16.1904, 17.7055



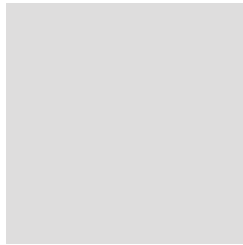
23.2137, 33.8969, 46.3676



1.6105, 2.3525, 3.2144

Previews

White Background



This preview shows how the XYZ color 69.0318, 72.4630, 78.7550 looks on a white background.

Color Contrast Check

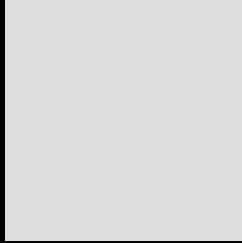
Large Text (above 18pt) WCAG AA × Fail

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 69.0318, 72.4630, 78.7550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

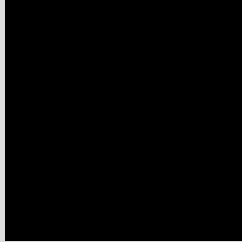
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

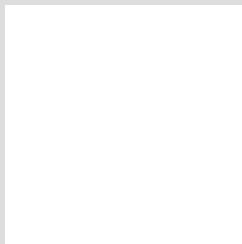
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0318, 72.4630, 78.7550

Background



This preview shows how black text looks on a background with the XYZ color 69.0318, 72.4630, 78.7550.

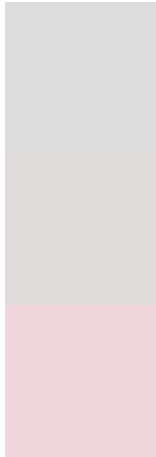


This preview shows how white text looks on a background with the XYZ color 69.0318, 72.4630,

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

69.0318, 72.4630, 78.7550

Protanopia

69.5628, 72.3613, 78.0109

Deuteranopia

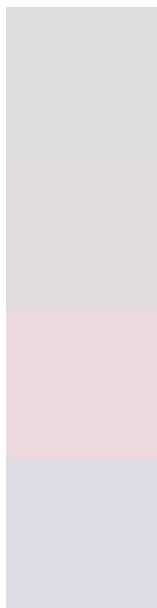
73.8493, 72.2443, 79.1595



Tritanopia

71.2123, 72.5665, 89.6103

Trichromacy



Original Color

69.0318, 72.4630, 78.7550

Protanomaly

69.2519, 72.2010, 77.9964

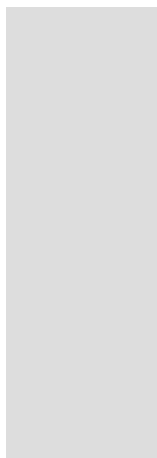
Deuteranomaly

72.2586, 72.5618, 79.3046

Tritanomaly

70.4484, 72.6439, 85.9099

Monochromacy



Original Color

69.0318, 72.4630, 78.7550

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.7264, 72.3055, 78.7407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0318, 72.4630, 78.7550 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, 221, 221) looks like.

```
.text, #text, p{  
    color:rgb(222, 221, 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(222, 221, 221) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 69.0318, 72.4630, 78.7550 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, 221, 221) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to XYZ 69.0318, 72.4630, 78.7550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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