

Converting Colors

XYZ(69.7961, 72.5270, 75.9661)

Have a look what the booklet for
XYZ(69.7961, 72.5270, 75.9661)
contains.

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Color

**XYZ(69.7961, 72.5270,
75.9661)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DCD9
RGB	227, 220, 217
RGB Percent	89%, 86%, 85%
CMY	0.1098, 0.1372, 0.1490
CMYK	0.00, 0.03, 0.04, 0.11
HSL	18°, 15%, 87%
HSV	18°, 4%, 89%
XYZ	69.7961, 72.5270, 75.9661
YIQ	221.7510, 5.1350, 0.5510

Conversions

Conversions Part 2

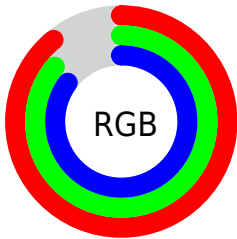
Format	Color
R _Y B	227, 221, 217
Decimal	14933209
CIE Lab	88.22, 1.86, 2.31
CIE LCh	88, 2.966, 51.080
Yxy	72.5270, 0.3197, 0.3323
Android (android.graphics.Color)	4293123289 (0xFFE3DCD9)
YUV	221.7510, -2.3422, 4.6034
Hunter-Lab	85.1628, -2.7432, 6.7266

Details

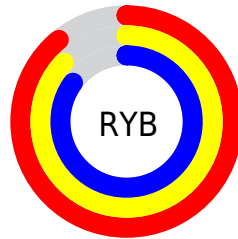
The XYZ color **69.7961, 72.5270, 75.9661** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.1360, 73.6080, 83.2378**, and the grayscale version is **69.2706, 72.8781, 79.3643**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.9900, 38.2896, 39.6235** is the 20% darker color. If you saturate the color by 10%, you get **63.0728, 63.4845, 60.1461**, and if you desaturate by 10%, it is **77.3256, 82.5302, 94.0604**.

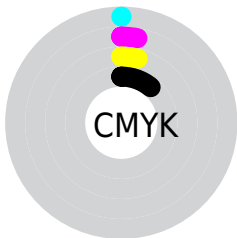
Distribution



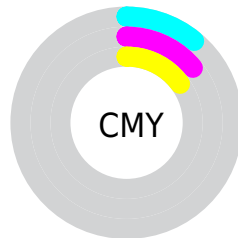
- Red (89%)
- Green (86%)
- Blue (85%)



- Red (89%)
- Yellow (87%)
- Blue (85%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.7961, 72.5270, 75.9661 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 69.7961, 72.5270, 75.9661 by changing the saturation by 10% instead.

■ 69.7961, 72.5270,
75.9661

■ 69.7961, 72.5270,
75.9661

449.1113,
469.3738, 500.5754

■ 51.6393, 53.5893,
55.8982

117.9458,
122.8055, 129.4386

■ 36.9408, 38.2734,
39.7179

148.6694,
154.9151, 163.6804

■ 25.3351, 26.1950,
27.0065

184.3127,
192.1840, 203.4838

■ 16.4570, 16.9695,
17.3456

225.2410,
234.9968, 249.2675

■ 9.9410, 10.2128,
10.3167

271.8196,
283.7378, 301.4499

■ 5.4218, 5.5403,
5.5011

324.4140,

■ 2.5341, 2.5676,

338.7913, 360.4497

2.4803

383.3895,
400.5419, 426.6854

■ 0.9125, 0.9104,
0.8297

■ 0.0000, 0.0000,
0.0000

■ 69.7961, 72.5270,
75.9661

■ 69.7961, 72.5270,
75.9661

■ 63.0728, 63.4845,
60.1461

■ 77.3256, 82.5302,
94.0604

■ 57.1223, 55.3647,
46.5051

■ 84.4664, 93.0261,
108.1117

■ 51.9173, 48.1408,
34.9482

■ 85.4889, 95.0711,
108.4525

■ 47.4271, 41.7812,
25.3717

■ 43.6183, 36.2523,
17.6627

■ 40.4547, 31.5182,
11.6969

■ 37.8965, 27.5402,
7.3349

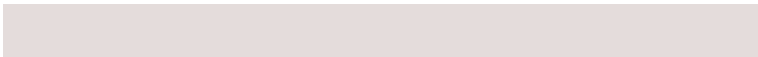
■ 35.8988, 24.2758,
4.4151

■ 34.4088, 21.6776,
2.7414

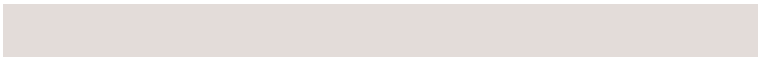
Harmonies

Analogous

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



70.2166, 72.5270, 77.5715



69.7961, 72.5270, 75.9661



69.1467, 72.5270, 75.1691

Triad

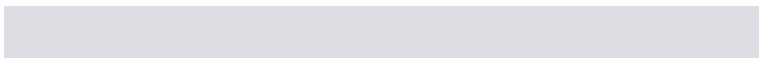
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.7961, 72.5270, 75.9661



67.5946, 72.5270, 78.3648



69.4270, 72.5270, 82.6748

Complementary

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



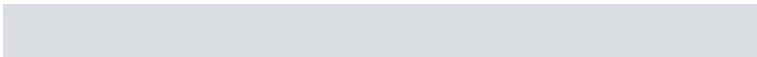
69.7961, 72.5270, 75.9661



69.1360, 73.6080, 83.2378

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.



68.7232, 72.5270, 82.8960



69.7961, 72.5270, 75.9661



67.6685, 72.5270, 80.3844

Square

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



69.7961, 72.5270, 75.9661



67.8779, 72.5270, 76.5383



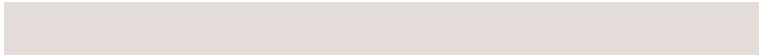
68.0805, 72.5270, 82.0512



70.0025, 72.5270, 81.4518

Rectangle

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



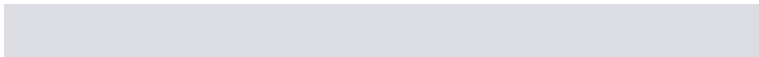
69.7961, 72.5270, 75.9661



68.6727, 72.5270, 75.1939



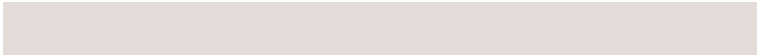
68.0805, 72.5270, 82.0512



69.1975, 72.5270, 82.8696

Sweetspot

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



69.7981, 72.5301, 75.9677



94.0756, 98.7039, 106.5632



69.9469, 71.3395, 80.6052



20.1463, 21.1404, 22.8335



0.0000, 0.0000, 0.0000



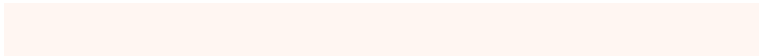
20.3446, 21.4041, 23.3091

Same Dimension

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



69.7981, 72.5301, 75.9677



90.2847, 93.6461, 97.5184



71.1291, 75.1920, 76.4113



15.3057, 15.8452, 16.4014



19.7766, 12.1273, 1.2985



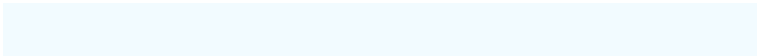
1.5406, 1.0546, 0.1224

Inverse Universe

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



69.1360, 73.6080, 83.2378



89.3041, 95.2421, 108.2845



67.8129, 70.9619, 82.7968



15.1178, 16.1511, 18.4650



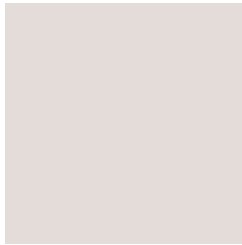
15.4046, 17.8713, 45.0208



1.2188, 1.4815, 3.3537

Previews

White Background



This preview shows how the XYZ color 69.7961, 72.5270, 75.9661 looks on a white background.

Color Contrast Check

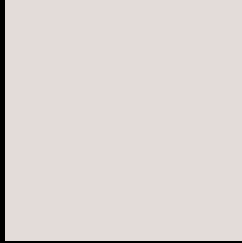
Large Text (above 18pt) WCAG AA × Fail

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 69.7961, 72.5270, 75.9661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

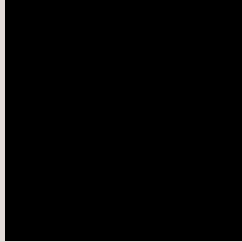
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

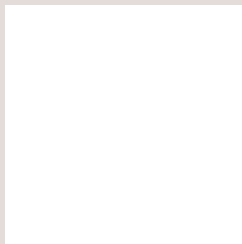
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.7961, 72.5270, 75.9661

Background



This preview shows how black text looks on a background with the XYZ color 69.7961, 72.5270, 75.9661.



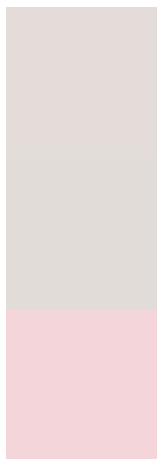
This preview shows how white text looks on a background with the XYZ color 69.7961, 72.5270,

75.9661.

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

69.7961, 72.5270, 75.9661

Protanopia

69.4816, 72.3649, 75.9514

Deuteranopia

74.0097, 72.3882, 76.4013



Tritanopia

72.2973, 72.3892, 88.0039

Trichromacy



Original Color

69.7961, 72.5270, 75.9661

Protanomaly

69.4816, 72.3649, 75.9514

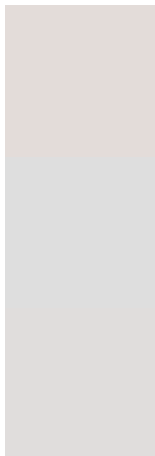
Deuteranomaly

72.4707, 72.3508, 76.4752

Tritanomaly

71.3881, 72.4023, 83.6113

Monochromacy



Original Color

69.7961, 72.5270, 75.9661

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.5152, 72.7275, 78.0841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7961, 72.5270, 75.9661 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(227, 220, 217) looks like.

```
.text, #text, p{  
    color:rgb(227, 220, 217)  
}
```

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(227, 220, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 220, 217) }
```

Border

The CSS property to change the border of an element to XYZ 69.7961, 72.5270, 75.9661 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(227, 220, 217) }
```


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

```
.border{ border-color:rgb(227, 220, 217) }
```

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

Here you see how a box with a 4 pixel rgb(227, 220, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 220, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 220, 217);  
box-shadow:4px 4px 4px 4px rgb(227, 220,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7961, 72.5270, 75.9661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 220, 217) }
```

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

```
.background{ background-color: rgb(227,  
220, 217) }
```

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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