

Converting Colors

XYZ(67.5093, 70.0825, 70.6575)

Have a look what the booklet for
XYZ(67.5093, 70.0825, 70.6575)
contains.

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Color

**XYZ(67.5528, 69.9336,
70.9109)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D8D2
RGB	226, 216, 210
RGB Percent	89%, 85%, 82%
CMY	0.1137, 0.1529, 0.1765
CMYK	0.00, 0.04, 0.07, 0.11
HSL	23°, 22%, 85%
HSV	23°, 7%, 89%
XYZ	67.5528, 69.9336, 70.9109
YIQ	218.3060, 7.8860, 0.2540

Conversions

Conversions Part 2

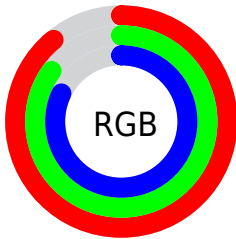
Format	Color
R _Y B	226, 220, 210
Decimal	14866642
CIE Lab	86.96, 2.40, 4.17
CIE LCh	87, 4.806, 60.076
Yxy	69.9336, 0.3242, 0.3356
Android (android.graphics.Color)	4293056722 (0xFFE2D8D2)
YUV	218.3060, -4.0949, 6.7476
Hunter-Lab	83.6263, -2.1549, 8.2635

Details

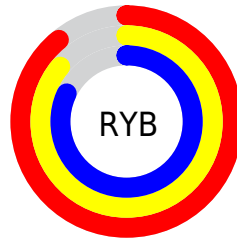
The XYZ color **67.5528, 69.9336, 70.9109** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8990, 70.3781, 82.0636**, and the grayscale version is **66.8769, 70.3597, 76.6217**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5402, 36.5480, 36.6338** is the 20% darker color. If you saturate the color by 10%, you get **61.4709, 61.9615, 55.9592**, and if you desaturate by 10%, it is **74.3472, 78.6927, 88.0635**.

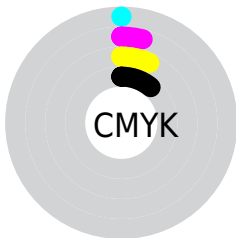
Distribution



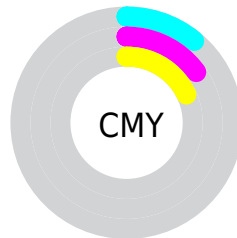
- Red (89%)
- Green (85%)
- Blue (82%)



- Red (89%)
- Yellow (86%)
- Blue (82%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5528, 69.9336, 70.9109 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 67.5528, 69.9336, 70.9109 by changing the saturation by 10% instead.

67.5528, 69.9336,
70.9109

67.5528, 69.9336,
70.9109

441.3115,
460.3168, 482.6172

49.8063, 51.4724,
51.7881

114.7576,
119.1141, 122.2001

35.4767, 36.5847,
36.4551

144.9466,
150.6021, 155.2036

24.1986, 24.8861,
24.4934

180.0139,
187.2012, 193.6711

15.6065, 15.9922,
15.4845

220.3248,
229.2958, 238.0211

9.3352, 9.5187,
9.0097

266.2447,
277.2703, 288.6722

5.0193, 5.0810,
4.6506

318.1389,

2.2935, 2.2949,

331.5090, 346.0429

1.9886

376.3727,
392.3964, 410.5517

■ 0.7913, 0.7710,
0.5483

■ 0.0000, 0.0000,
0.0000

■ 67.5528, 69.9336,
70.9109

■ 67.5528, 69.9336,
70.9109

■ 61.4709, 61.9615,
55.9592

■ 74.3472, 78.6927,
88.0635

■ 56.0712, 54.7449,
43.1141

■ 81.8388, 88.2377,
107.3260

■ 51.3299, 48.2636,
32.2809

■ 85.1745, 94.9090,
108.4378

■ 47.2193, 42.4931,
23.3559

■ 43.7099, 37.4074,
16.2261

■ 40.7690, 32.9786,
10.7663

■ 38.3606, 29.1767,
6.8352

■ 36.4437, 25.9687,
4.2671

■ 34.9670, 23.3162,
2.8471

Harmonies

Analogous

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



68.3559, 69.9336, 73.0885



67.5528, 69.9336, 70.9109



66.4669, 69.9336, 70.1276

Triad

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



67.5528, 69.9336, 70.9109



64.3338, 69.9336, 76.1540



67.5578, 69.9336, 81.6236

Complementary

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



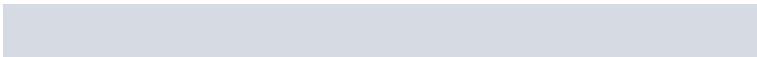
67.5528, 69.9336, 70.9109



65.8990, 70.3781, 82.0636

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.



66.4726, 69.9336, 82.4988



67.5528, 69.9336, 70.9109



64.6187, 69.9336, 79.2872

Square

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



67.5528, 69.9336, 70.9109



64.6159, 69.9336, 73.1023



65.3984, 69.9336, 81.6322



68.3588, 69.9336, 79.2726

Rectangle

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



67.5528, 69.9336, 70.9109



65.7313, 69.9336, 70.4839



65.3984, 69.9336, 81.6322



67.2138, 69.9336, 82.1031

Sweetspot

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



67.5547, 69.9367, 70.9124



93.2316, 97.6597, 104.2967



67.3476, 67.4374, 77.2709



19.9745, 20.9278, 22.3720



0.0000, 0.0000, 0.0000



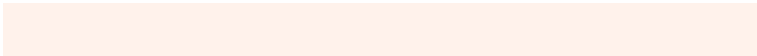
20.3446, 21.4041, 23.3091

Same Dimension

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



67.5547, 69.9367, 70.9124



88.0057, 90.8911, 91.2000



69.6177, 74.0626, 71.6001



14.1265, 14.5390, 14.3685



19.8428, 13.1234, 1.4872



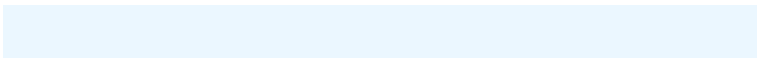
1.4595, 1.0779, 0.1311

Inverse Universe

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



65.8990, 70.3781, 82.0636



85.5454, 91.5470, 107.7693



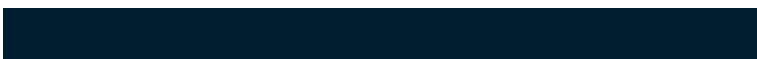
63.8837, 66.3474, 81.3918



13.6619, 14.6628, 17.4978



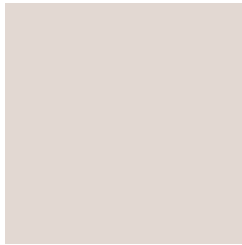
13.3996, 14.2687, 43.0963



1.0140, 1.1594, 3.0156

Previews

White Background



This preview shows how the XYZ color 67.5528, 69.9336, 70.9109 looks on a white background.

Color Contrast Check

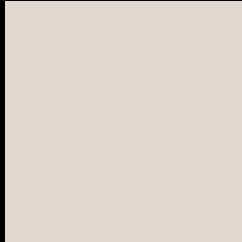
Large Text (above 18pt) WCAG AA × Fail

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 67.5528, 69.9336, 70.9109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

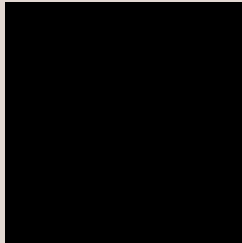
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

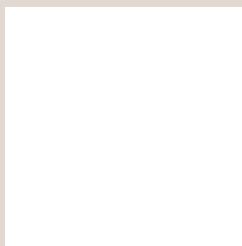
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.5528, 69.9336, 70.9109

Background



This preview shows how black text looks on a background with the XYZ color 67.5528, 69.9336, 70.9109.

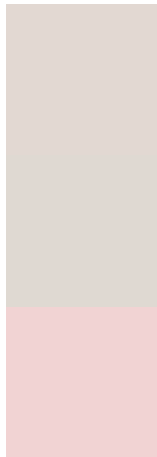


This preview shows how white text looks on a background with the XYZ color 67.5528, 69.9336,

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

67.5528, 69.9336, 70.9109

Protanopia

66.8771, 69.9668, 70.9529

Deuteranopia

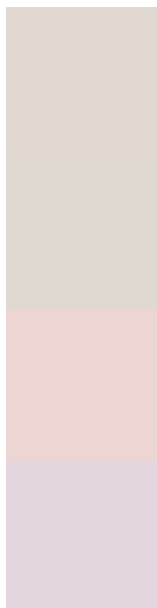
71.3278, 69.9925, 71.3785



Tritanopia

70.3903, 69.9597, 84.6565

Trichromacy



Original Color

67.5528, 69.9336, 70.9109

Protanomaly

67.1862, 70.1261, 70.9674

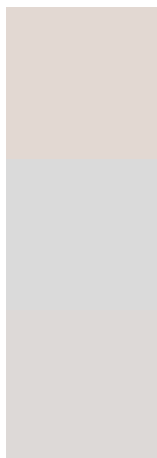
Deuteranomaly

70.1442, 70.1245, 71.4664

Tritanomaly

69.3608, 69.9148, 79.6512

Monochromacy



Original Color

67.5528, 69.9336, 70.9109

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.8974, 69.9042, 74.2570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5528, 69.9336, 70.9109 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, 216, 210) looks like.

```
.text, #text, p{  
    color:rgb(226, 216, 210)  
}
```

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, 216, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 216, 210) }
```

Border

The CSS property to change the border of an element to XYZ 67.5528, 69.9336, 70.9109 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, 216, 210) }
```


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

```
.border{ border-color:rgb(226, 216, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 216, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 216, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 216, 210);  
box-shadow:4px 4px 4px 4px rgb(226, 216,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5528, 69.9336, 70.9109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 216, 210) }
```

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

```
.background{ background-color: rgb(226,  
216, 210) }
```

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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