

Converting Colors

XYZ(69.8535, 72.0653, 74.6011)

Have a look what the booklet for
XYZ(69.8535, 72.0653, 74.6011)
contains.

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Color

**XYZ(69.9104, 72.2273,
74.5466)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | E5DBD7 |
| RGB | 229, 219, 215 |
| RGB Percent | 90%, 86%, 84% |
| CMY | 0.1020, 0.1412, 0.1569 |
| CMYK | 0.00, 0.04, 0.06, 0.10 |
| HSL | 17°, 21%, 87% |
| HSV | 17°, 6%, 90% |
| XYZ | 69.9104, 72.2273, 74.5466 |
| YIQ | 221.5340, 7.2440, 0.8760 |

Conversions

Conversions Part 2

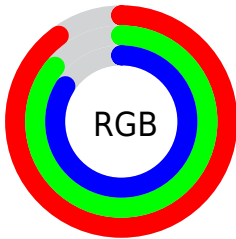
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 229, 221, 215 |
| Decimal | 15064023 |
| CIE Lab | 88.08, 2.73, 3.17 |
| CIE LCh | 88, 4.184, 49.288 |
| Yxy | 72.2273, 0.3226, 0.3333 |
| Android (android.graphics.Color) | 4293254103 (0xFFE5DBD7) |
| YUV | 221.5340, -3.2213, 6.5477 |
| Hunter-Lab | 84.9866, -1.8917, 7.4840 |

Details

The XYZ color **69.9104, 72.2273, 74.5466** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.0925, 73.9537, 84.7627**, and the grayscale version is **69.1227, 72.7225, 79.1948**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0762, 38.0877, 38.6552** is the 20% darker color. If you saturate the color by 10%, you get **63.1136, 63.0173, 58.7652**, and if you desaturate by 10%, it is **77.5422, 82.4465, 92.6401**.

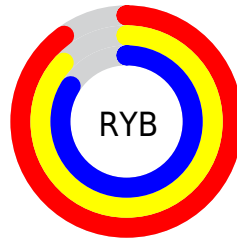
Distribution



Red (90%)

Green (86%)

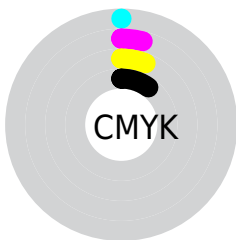
Blue (84%)



Red (90%)

Yellow (87%)

Blue (84%)

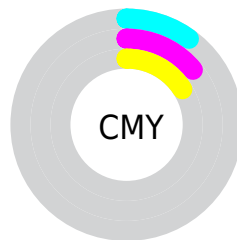


Cyan (0%)

Magenta (4%)

Yellow (6%)

Black (10%)



Cyan (10%)

Magenta (14%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.9104, 72.2273, 74.5466 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 69.9104, 72.2273, 74.5466 by changing the saturation by 10% instead.

69.9104, 72.2273,
74.5466

69.9104, 72.2273,
74.5466

449.5067,
468.3324, 495.5715

51.7328, 53.3444,
54.7420

118.1079,
122.3796, 127.4115

37.0156, 38.0778,
38.7980

148.8586,
154.4178, 161.3090

25.3933, 26.0430,
26.2960

184.5310,
191.6099, 200.7411

16.5006, 16.8558,
16.8175

225.4905,
234.3403, 246.1266

9.9722, 10.1318,
9.9439

272.1025,
282.9933, 297.8838

5.4426, 5.4864,
5.2566

324.7323,

2.5466, 2.5354,

337.9534, 356.4313

2.3373

383.7452,
399.6050, 422.1877

■ 0.9188, 0.8943,
0.7520

■ 0.0000, 0.0000,
0.0000

■ 69.9104, 72.2273,
74.5466

■ 69.9104, 72.2273,
74.5466

■ 63.1136, 63.0173,
58.7652

■ 77.5422, 82.4465,
92.6401

■ 57.1168, 54.7761,
45.1977

■ 85.0822, 93.3155,
108.1351

■ 51.8911, 47.4744,
33.7457

■ 86.1236, 95.3983,
108.4822

■ 47.4037, 41.0781,
24.3012

■ 43.6194, 35.5505,
16.7470

■ 40.4995, 30.8528,
10.9535

■ 38.0016, 26.9425,
6.7744

■ 36.0775, 23.7732,
4.0395

■ 34.6697, 21.2925,
2.5382

Harmonies

Analogous

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



70.4789, 72.2273, 76.8400



69.9104, 72.2273, 74.5466



69.0075, 72.2273, 73.3608

Triad

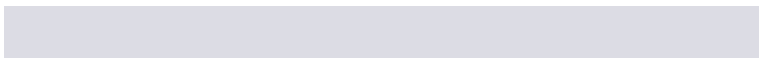
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.9104, 72.2273, 74.5466



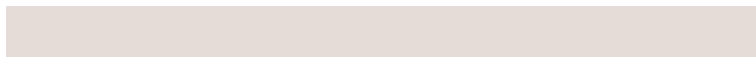
66.7797, 72.2273, 77.6252



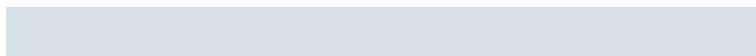
69.2863, 72.2273, 83.9508

Complementary

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



69.9104, 72.2273, 74.5466



69.0925, 73.9537, 84.7627

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.



68.2935, 72.2273, 84.1734



69.9104, 72.2273, 74.5466



66.8528, 72.2273, 80.4745

Square

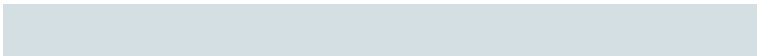
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.9104, 72.2273, 74.5466



67.2041, 72.2273, 75.1094



67.4046, 72.2273, 82.8873



70.1162, 72.2273, 82.2863

Rectangle

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



69.9104, 72.2273, 74.5466



68.3403, 72.2273, 73.3382



67.4046, 72.2273, 82.8873



68.9604, 72.2273, 84.1982

Sweetspot

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



69.9124, 72.2304, 74.5482



93.0889, 97.3744, 104.2491



70.2098, 70.6981, 81.2047



19.9454, 20.8697, 22.3623



0.0000, 0.0000, 0.0000



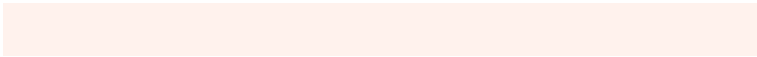
20.3446, 21.4041, 23.3091

Same Dimension

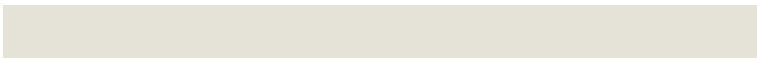
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.9124, 72.2304, 74.5482



88.3760, 91.0392, 93.1501



71.7672, 75.9400, 75.1664



14.9998, 15.4260, 15.7057



19.6610, 11.8961, 1.2599



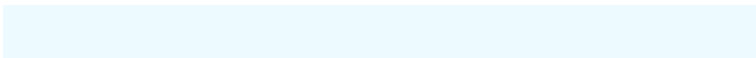
1.5303, 1.0339, 0.1189

Inverse Universe

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



69.0925, 73.9537, 84.7627



87.1782, 93.5565, 108.0712



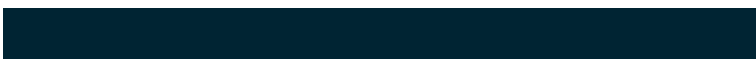
67.2483, 70.2655, 84.1480



14.7810, 15.8858, 18.4316



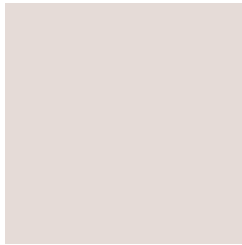
15.7341, 18.5302, 45.1306



1.2410, 1.5260, 3.3611

Previews

White Background



This preview shows how the XYZ color 69.9104, 72.2273, 74.5466 looks on a white background.

Color Contrast Check

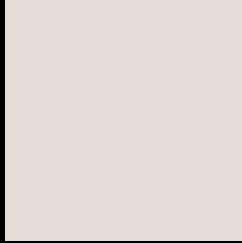
Large Text (above 18pt) WCAG AA × Fail

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 69.9104, 72.2273, 74.5466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

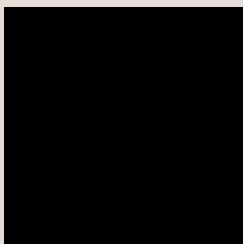
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

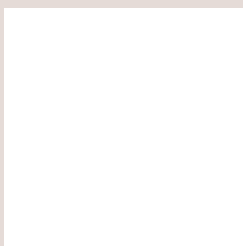
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.9104, 72.2273, 74.5466

Background



This preview shows how black text looks on a background with the XYZ color 69.9104, 72.2273, 74.5466.

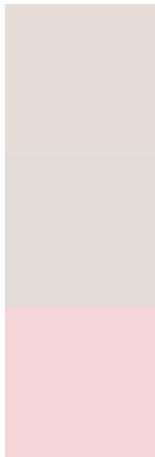


This preview shows how white text looks on a background with the XYZ color 69.9104, 72.2273,

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

69.9104, 72.2273, 74.5466

Protanopia

69.3519, 72.3130, 75.2683

Deuteranopia

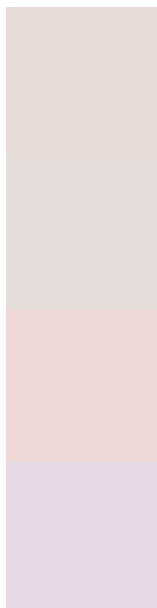
73.7495, 72.2841, 75.0310



Tritanopia

72.5426, 72.1507, 87.1939

Trichromacy



Original Color

69.9104, 72.2273, 74.5466

Protanomaly

69.6664, 72.4752, 75.2830

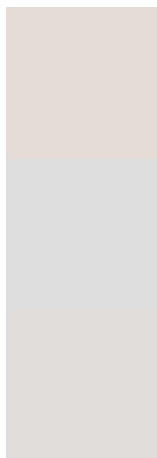
Deuteranomaly

72.5471, 72.4203, 75.1206

Tritanomaly

71.4953, 72.1056, 82.1011

Monochromacy



Original Color

69.9104, 72.2273, 74.5466

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.6940, 72.8349, 77.4031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9104, 72.2273, 74.5466 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(229, 219, 215) looks like.

```
.text, #text, p{  
    color:rgb(229, 219, 215)  
}
```

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(229, 219, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 219, 215) }
```

Border

The CSS property to change the border of an element to XYZ 69.9104, 72.2273, 74.5466 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(229, 219, 215) }
```


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

```
.border{ border-color:rgb(229, 219, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 219, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 219, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 219, 215);  
box-shadow:4px 4px 4px 4px rgb(229, 219,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9104, 72.2273, 74.5466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 219, 215) }
```

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

```
.background{ background-color: rgb(229,  
219, 215) }
```

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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