

Converting Colors

XYZ(69.8118, 72.3393, 73.2357)

Have a look what the booklet for
XYZ(69.8118, 72.3393, 73.2357)
contains.

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Color

**XYZ(69.6549, 72.1251,
73.2011)**

Conversions

Conversions Part 1

Format	Color
Hex	E5DBD5
RGB	229, 219, 213
RGB Percent	90%, 86%, 84%
CMY	0.1020, 0.1412, 0.1647
CMYK	0.00, 0.04, 0.07, 0.10
HSL	23°, 24%, 87%
HSV	23°, 7%, 90%
XYZ	69.6549, 72.1251, 73.2011
YIQ	221.3060, 7.8860, 0.2540

Conversions

Conversions Part 2

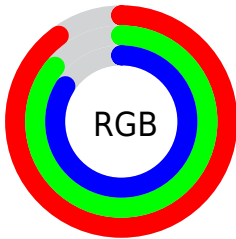
Format	Color
R _Y B	229, 223, 213
Decimal	15064021
CIE Lab	88.03, 2.39, 4.15
CIE LCh	88, 4.793, 60.082
Yxy	72.1251, 0.3240, 0.3355
Android (android.graphics.Color)	4293254101 (0xFFE5DBD5)
YUV	221.3060, -4.0949, 6.7476
Hunter-Lab	84.9265, -2.2195, 8.3444

Details

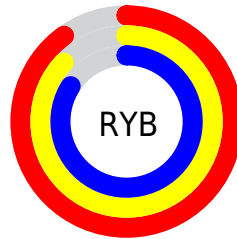
The XYZ color **69.6549, 72.1251, 73.2011** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.9711, 72.5777, 84.5562**, and the grayscale version is **68.9679, 72.5596, 79.0174**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.9026, 38.0182, 37.7410** is the 20% darker color. If you saturate the color by 10%, you get **63.3781, 63.8988, 57.7666**, and if you desaturate by 10%, it is **76.6670, 81.1636, 90.9074**.

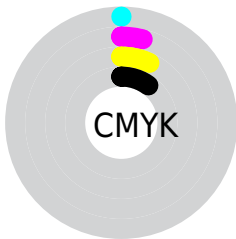
Distribution



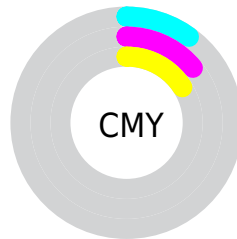
- Red (90%)
- Green (86%)
- Blue (84%)



- Red (90%)
- Yellow (87%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (10%)



- Cyan (10%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6549, 72.1251, 73.2011 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 69.6549, 72.1251, 73.2011 by changing the saturation by 10% instead.

■ 69.6549, 72.1251,
73.2011

■ 69.6549, 72.1251,
73.2011

448.6227,
467.9769, 490.8010

■ 51.5238, 53.2609,
53.6476

117.7454,
122.2344, 125.4862

■ 36.8484, 38.0111,
37.9287

148.4356,
154.2482, 159.0549

■ 25.2633, 25.9913,
25.6260

184.0429,
191.4140, 198.1324

■ 16.4031, 16.8171,
16.3208

224.9325,
234.1163, 243.1373

■ 9.9025, 10.1042,
9.5946

271.4700,
282.7393, 294.4880

■ 5.3961, 5.4681,
5.0290

324.0206,

■ 2.5186, 2.5244,

337.6674, 352.6032

2.2052

382.9497,
399.2852, 417.9013

■ 0.9047, 0.8888,
0.6774

■ 0.0000, 0.0000,
0.0000

■ 69.6549, 72.1251,
73.2011

■ 69.6549, 72.1251,
73.2011

■ 63.3781, 63.8988,
57.7666

■ 76.6670, 81.1636,
90.9074

■ 57.8055, 56.4523,
44.5065

■ 83.8141, 90.7793,
107.7124

■ 52.9125, 49.7647,
33.3231

■ 86.1236, 95.3983,
108.4822

■ 48.6705, 43.8107,
24.1095

■ 45.0488, 38.5634,
16.7488

■ 42.0140, 33.9942,
11.1121

■ 39.5289, 30.0719,
7.0532

■ 37.5511, 26.7624,
4.4015

■ 36.0279, 24.0265,
2.9368

Harmonies

Analogous

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



70.4724, 72.1251, 75.4186



69.6549, 72.1251, 73.2011



68.5496, 72.1251, 72.4036

Triad

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



69.6549, 72.1251, 73.2011



66.3781, 72.1251, 78.5410



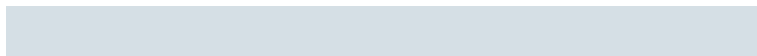
69.6604, 72.1251, 84.1061

Complementary

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



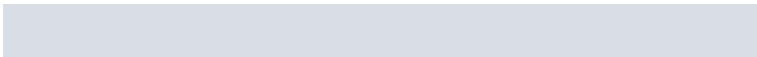
69.6549, 72.1251, 73.2011



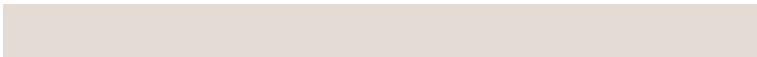
67.9711, 72.5777, 84.5562

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.



68.5559, 72.1251, 84.9968



69.6549, 72.1251, 73.2011



66.6683, 72.1251, 81.7298

Square

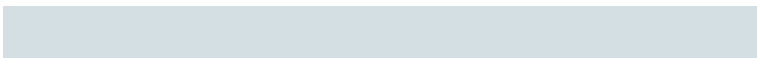
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.6549, 72.1251, 73.2011



66.6652, 72.1251, 75.4339



67.4623, 72.1251, 84.1156



70.4756, 72.1251, 81.7137

Rectangle

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



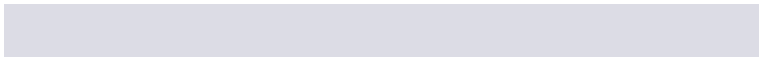
69.6549, 72.1251, 73.2011



67.8008, 72.1251, 72.7667



67.4623, 72.1251, 84.1156



69.3103, 72.1251, 84.5940

Sweetspot

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



69.6569, 72.1282, 73.2027



93.2316, 97.6597, 104.2967



69.4457, 69.5825, 79.6780



19.9745, 20.9278, 22.3720



0.0000, 0.0000, 0.0000



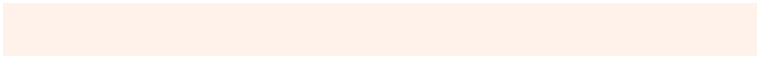
20.3446, 21.4041, 23.3091

Same Dimension

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



69.6569, 72.1282, 73.2027



88.0057, 90.8912, 91.2000



71.7570, 76.3285, 73.9027



14.8179, 15.2496, 15.0669



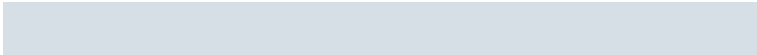
20.4810, 13.5362, 1.5333



1.6004, 1.1742, 0.1423

Inverse Universe

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



67.9711, 72.5777, 84.5562



85.5454, 91.5470, 107.7693



65.9189, 68.4732, 83.8721



14.3292, 15.3799, 18.3577



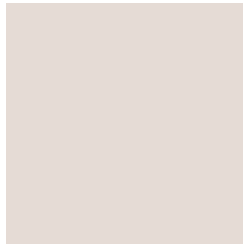
13.8275, 14.7171, 44.4951



1.1104, 1.2647, 3.3175

Previews

White Background



This preview shows how the XYZ color 69.6549, 72.1251, 73.2011 looks on a white background.

Color Contrast Check

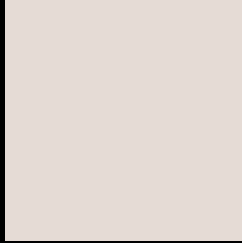
Large Text (above 18pt) WCAG AA × Fail

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 69.6549, 72.1251, 73.2011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

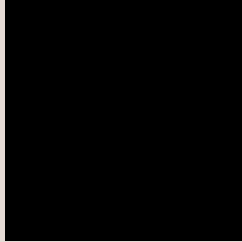
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

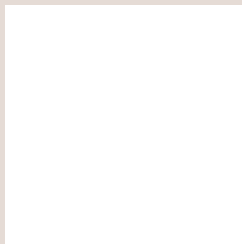
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.6549, 72.1251, 73.2011

Background



This preview shows how black text looks on a background with the XYZ color 69.6549, 72.1251, 73.2011.

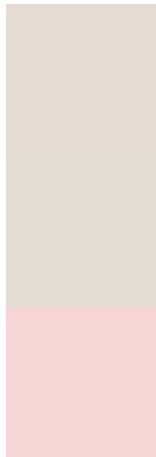


This preview shows how white text looks on a background with the XYZ color 69.6549, 72.1251,

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

69.6549, 72.1251, 73.2011

Protanopia

68.9675, 72.1592, 73.2439

Deuteranopia

73.5880, 71.8560, 73.6094



Tritanopia

72.5426, 72.1507, 87.1939

Trichromacy



Original Color

69.6549, 72.1251, 73.2011

Protanomaly

69.2820, 72.3214, 73.2587

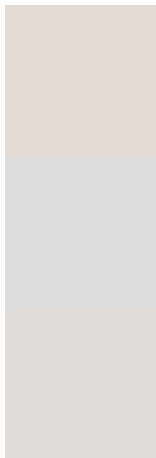
Deuteranomaly

72.0346, 71.8066, 73.6818

Tritanomaly

71.4953, 72.1056, 82.1011

Monochromacy



Original Color

69.6549, 72.1251, 73.2011

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.9886, 72.0956, 76.6094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6549, 72.1251, 73.2011 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, 213) looks like.

```
.text, #text, p{  
    color:rgb(229, 219, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 219, 213) }
```

Border

The CSS property to change the border of an element to XYZ 69.6549, 72.1251, 73.2011 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, 213) }
```


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

```
.border{ border-color:rgb(229, 219, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 219, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 219, 213);  
box-shadow:4px 4px 4px 4px rgb(229, 219,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6549, 72.1251, 73.2011 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, 213) }
```

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

```
.background{ background-color: rgb(229,  
219, 213) }
```

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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