

Converting Colors

XYZ(69.4705, 72.3951, 73.5984)

Have a look what the booklet for
XYZ(69.4705, 72.3951, 73.5984)
contains.

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Color

**XYZ(69.4094, 72.3723,
73.9293)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DCD6
RGB	227, 220, 214
RGB Percent	89%, 86%, 84%
CMY	0.1098, 0.1372, 0.1608
CMYK	0.00, 0.03, 0.06, 0.11
HSL	28°, 19%, 86%
HSV	28°, 6%, 89%
XYZ	69.4094, 72.3723, 73.9293
YIQ	221.4090, 6.0980, -0.3820

Conversions

Conversions Part 2

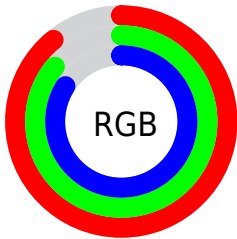
Format	Color
R _Y B	227, 225, 214
Decimal	14933206
CIE Lab	88.15, 1.35, 3.78
CIE LCh	88, 4.013, 70.366
Yxy	72.3723, 0.3218, 0.3355
Android (android.graphics.Color)	4293123286 (0xFFE3DCD6)
YUV	221.4090, -3.6526, 4.9033
Hunter-Lab	85.0719, -3.2393, 8.0261




Details

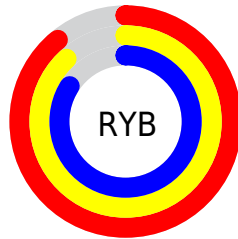
The XYZ color **69.4094, 72.3723, 73.9293** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.4532, 71.5542, 82.9303**, and the grayscale version is **69.0382, 72.6336, 79.0980**.




A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7264, 38.1841, 38.2355** is the 20% darker color. If you saturate the color by 10%, you get **63.6206, 65.1148, 58.6796**, and if you desaturate by 10%, it is **75.8406, 80.2663, 91.3882**.

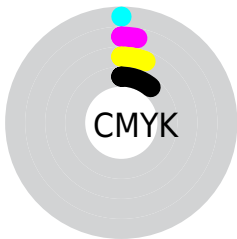
Distribution







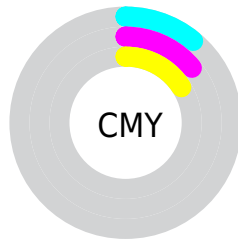
-  Red (89%)
-  Green (86%)
-  Blue (84%)






-  Red (89%)
-  Yellow (88%)
-  Blue (84%)



-  Cyan (0%)
-  Magenta (3%)
-  Yellow (6%)
-  Black (11%)



-  Cyan (11%)
-  Magenta (14%)
-  Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4094, 72.3723, 73.9293 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 69.4094, 72.3723, 73.9293 by changing the saturation by 10% instead.

■ 69.4094, 72.3723,
73.9293

■ 69.4094, 72.3723,
73.9293

447.7724,
468.8364, 493.3862

■ 51.3230, 53.4629,
54.2397

117.3970,
122.5857, 126.5287

■ 36.6879, 38.1724,
38.3989

148.0290,
154.6584, 160.2756

■ 25.1385, 26.1165,
25.9882

183.5735,
191.8877, 199.5454

■ 16.3095, 16.9108,
16.5891

224.3960,
234.6580, 244.7566

■ 9.8357, 10.1709,
9.7831

270.8618,
283.3536, 296.3277

■ 5.3516, 5.5124,
5.1517

323.3362,

■ 2.4918, 2.5510,

338.3589, 354.6773

2.2762

382.1846,
400.0584, 420.2240

■ 0.8911, 0.9021,
0.7179

■ 0.0000, 0.0000,
0.0000

■ 69.4094, 72.3723,
73.9293

■ 69.4094, 72.3723,
73.9293

■ 63.6206, 65.1148,
58.6796

■ 75.8406, 80.2663,
91.3882

■ 58.4466, 58.4679,
45.5451

■ 82.2118, 88.5166,
107.3601

■ 53.8666, 52.4173,
34.4323

■ 85.4890, 95.0711,
108.4526

■ 49.8560, 46.9447,
25.2385

■ 46.3884, 42.0306,
17.8519

■ 43.4351, 37.6545,
12.1491

■ 40.9640, 33.7938,
7.9909

■ 38.9383, 30.4238,
5.2153

■ 37.3142, 27.5165,
3.6231

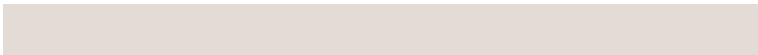
Harmonies

Analogous

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



70.2028, 72.3723, 75.4288



69.4094, 72.3723, 73.9293



68.4563, 72.3723, 73.7178

Triad

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



69.4094, 72.3723, 73.9293



66.9890, 72.3723, 79.7555



69.9894, 72.3723, 82.8953

Complementary

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



69.4094, 72.3723, 73.9293



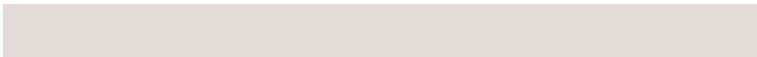
67.4532, 71.5542, 82.9303

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.



69.1201, 72.3723, 84.1130



69.4094, 72.3723, 73.9293



67.3917, 72.3723, 82.2725

Square

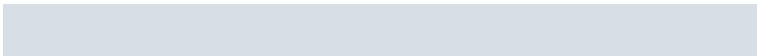
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.4094, 72.3723, 73.9293



67.0649, 72.3723, 77.0393



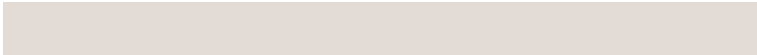
68.1697, 72.3723, 83.8824



70.5398, 72.3723, 80.5897

Rectangle

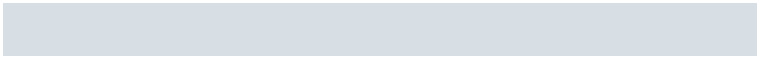
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.4094, 72.3723, 73.9293



67.8594, 72.3723, 74.3302



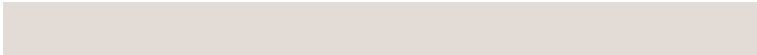
68.1697, 72.3723, 83.8824



69.7244, 72.3723, 83.4478

Sweetspot

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



69.4114, 72.3754, 73.9309



93.3703, 97.9371, 104.3429



68.7973, 69.6536, 78.3310



20.0027, 20.9843, 22.3814



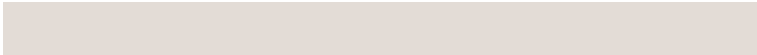
0.0000, 0.0000, 0.0000



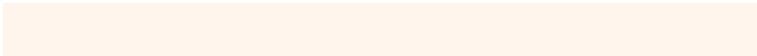
20.3446, 21.4041, 23.3091

Same Dimension

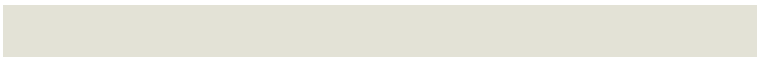
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.4114, 72.3754, 73.9309



89.3196, 92.9265, 93.4647



71.1089, 75.7703, 74.4967



15.1720, 15.7704, 15.7631



21.5254, 15.6249, 1.8814



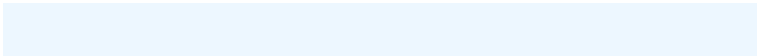
1.6827, 1.3388, 0.1697

Inverse Universe

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



67.4532, 71.5542, 82.9303



86.2115, 91.6229, 107.7489



65.8092, 68.2661, 82.3823



14.6042, 15.5323, 18.3726



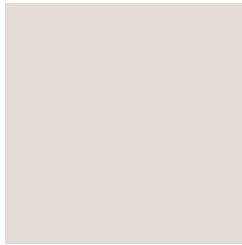
12.2748, 11.6118, 43.9775



0.9998, 1.0435, 3.2807

Previews

White Background



This preview shows how the XYZ color 69.4094, 72.3723, 73.9293 looks on a white background.

Color Contrast Check

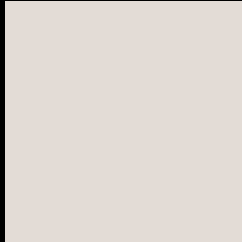
Large Text (above 18pt) WCAG AA × Fail

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 69.4094, 72.3723, 73.9293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

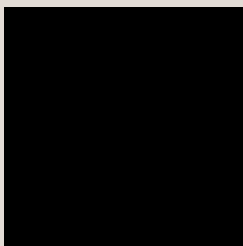
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

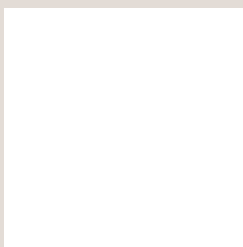
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.4094, 72.3723, 73.9293

Background



This preview shows how black text looks on a background with the XYZ color 69.4094, 72.3723, 73.9293.

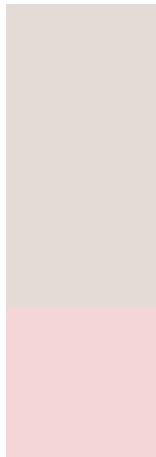


This preview shows how white text looks on a background with the XYZ color 69.4094, 72.3723,

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

69.4094, 72.3723, 73.9293

Protanopia

69.4094, 72.3723, 73.9293

Deuteranopia

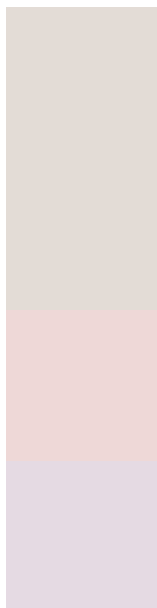
73.9685, 72.4119, 74.3683



Tritanopia

72.2973, 72.3892, 88.0039

Trichromacy



Original Color

69.4094, 72.3723, 73.9293

Protanomaly

69.4094, 72.3723, 73.9293

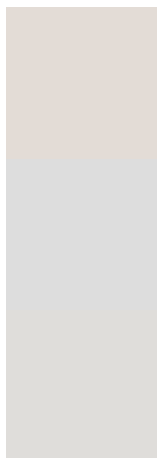
Deuteranomaly

72.0815, 72.1952, 74.4259

Tritanomaly

71.2496, 72.3469, 82.8821

Monochromacy



Original Color

69.4094, 72.3723, 73.9293

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.9428, 72.4628, 76.6827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4094, 72.3723, 73.9293 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, 214) looks like.

```
.text, #text, p{  
    color:rgb(227, 220, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 220, 214) }
```

Border

The CSS property to change the border of an element to XYZ 69.4094, 72.3723, 73.9293 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, 214) }
```


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

```
.border{ border-color:rgb(227, 220, 214) }
```

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, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 220, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 220, 214);  
box-shadow:4px 4px 4px 4px rgb(227, 220,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4094, 72.3723, 73.9293 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, 214) }
```

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

```
.background{ background-color: rgb(227,  
220, 214) }
```

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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