

Converting Colors

XYZ(72.8625, 75.2377, 72.7160)

Have a look what the booklet for
XYZ(72.8625, 75.2377, 72.7160)
contains.

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Color

**XYZ(72.8634, 75.3617,
72.9933)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDFD4
RGB	236, 223, 212
RGB Percent	93%, 87%, 83%
CMY	0.0745, 0.1255, 0.1686
CMYK	0.00, 0.06, 0.10, 0.07
HSL	28°, 39%, 88%
HSV	28°, 10%, 93%
XYZ	72.8634, 75.3617, 72.9933
YIQ	225.6330, 11.2790, -0.6650

Conversions

Conversions Part 2

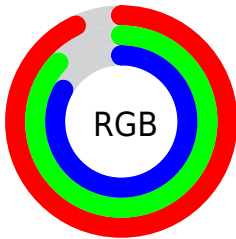
Format	Color
R _Y B	236, 232, 212
Decimal	15523796
CIE Lab	89.56, 2.60, 6.96
CIE LCh	90, 7.433, 69.534
Yxy	75.3617, 0.3294, 0.3407
Android (android.graphics.Color)	4293713876 (0xFFE0C0F0)
YUV	225.6330, -6.7211, 9.0919
Hunter-Lab	86.8111, -2.0986, 10.9150

Details

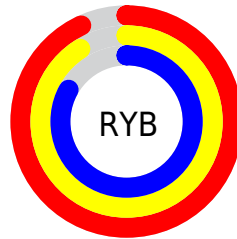
The XYZ color **72.8634, 75.3617, 72.9933** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.2167, 73.9022, 89.9740**, and the grayscale version is **72.0668, 75.8199, 82.5678**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9108, 40.1429, 37.5958** is the 20% darker color. If you saturate the color by 10%, you get **66.8155, 67.6865, 57.3475**, and if you desaturate by 10%, it is **79.6084, 83.7331, 91.0201**.

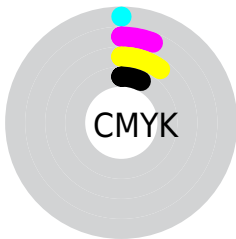
Distribution



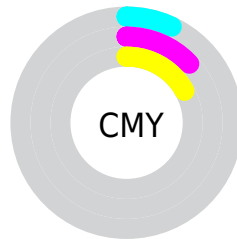
- Red (93%)
- Green (87%)
- Blue (83%)



- Red (93%)
- Yellow (91%)
- Blue (83%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (7%)



- Cyan (7%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.8634, 75.3617, 72.9933 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 72.8634, 75.3617, 72.9933 by changing the saturation by 10% instead.

72.8634, 75.3617,
72.9933

72.8634, 75.3617,
72.9933

459.6524,
479.1599, 490.0617

54.1523, 55.9093,
53.4787

122.2874,
126.8242, 125.1885

38.9546, 40.1302,
37.7947

153.7311,
159.6031, 158.7062

26.9049, 27.6401,
25.5228

190.1495,
197.5929, 197.7287

17.6381, 18.0545,
16.2444

231.9082,
241.1781, 242.6745

10.7886, 10.9891,
9.5411

279.3725,
290.7429, 293.9622

5.9911, 6.0595,
4.9941

332.9077,

2.8803, 2.8813,

346.6719, 352.0103

2.1851

392.8792,
409.3494, 417.2373

■ 1.0908, 1.0701,
0.6658

■ 0.0174, 0.0000,
0.0000

■ 72.8634, 75.3617,
72.9933

■ 72.8634, 75.3617,
72.9933

■ 66.8155, 67.6865,
57.3475

■ 79.6084, 83.7331,
91.0201

■ 61.4339, 60.6786,
43.9768

■ 86.3834, 92.5350,
107.9159

■ 56.6948, 54.3216,
32.7749

■ 88.4024, 96.5730,
108.5889

■ 52.5703, 48.5947,
23.6245

■ 49.0300, 43.4756,
16.3974

■ 46.0407, 38.9405,
10.9506

■ 43.5649, 34.9635,
7.1208

■ 41.5590, 31.5155,
4.7139

■ 39.9772, 28.6027,
3.4138

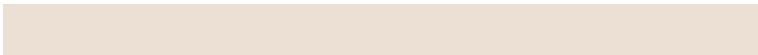
Harmonies

Analogous

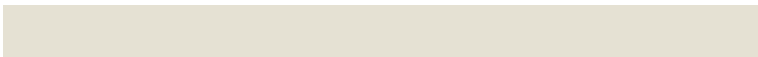
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.3705, 75.3617, 75.8218



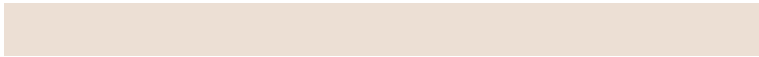
72.8634, 75.3617, 72.9933



71.0492, 75.3617, 72.5358

Triad

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



72.8634, 75.3617, 72.9933



68.2227, 75.3617, 83.7325



73.8868, 75.3617, 90.0562

Complementary

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



72.8634, 75.3617, 72.9933



69.2167, 73.9022, 89.9740

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.



72.2120, 75.3617, 92.3749



72.8634, 75.3617, 72.9933



68.9557, 75.3617, 88.6231

Square

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



72.8634, 75.3617, 72.9933



68.3904, 75.3617, 78.5910



70.4087, 75.3617, 91.8396



74.9683, 75.3617, 85.6215

Rectangle

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



72.8634, 75.3617, 72.9933



69.9126, 75.3617, 73.6164



70.4087, 75.3617, 91.8396



73.3734, 75.3617, 91.1173

Sweetspot

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



72.8655, 75.3650, 72.9949



92.5353, 96.9025, 102.1060



71.7544, 70.3680, 81.1787



19.6653, 20.5667, 21.4759



0.0000, 0.0000, 0.0000



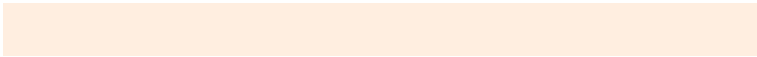
20.3446, 21.4041, 23.3091

Same Dimension

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



72.8655, 75.3650, 72.9949



85.4490, 88.0637, 83.3001



76.1276, 81.8893, 74.0823



15.6345, 16.1920, 15.8201



22.1622, 16.0186, 1.9238



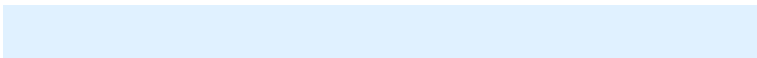
1.8354, 1.4482, 0.1828

Inverse Universe

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



69.2167, 73.9022, 89.9740



80.3608, 86.0237, 106.9765



66.1373, 67.7435, 88.9476



14.9070, 15.9004, 19.2056



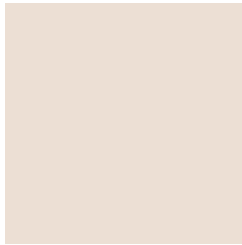
12.7166, 12.0802, 45.4044



1.0946, 1.1407, 3.5974

Previews

White Background



This preview shows how the XYZ color 72.8634, 75.3617, 72.9933 looks on a white background.

Color Contrast Check

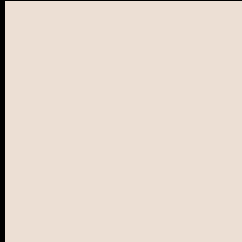
Large Text (above 18pt) WCAG AA × Fail

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 72.8634, 75.3617, 72.9933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

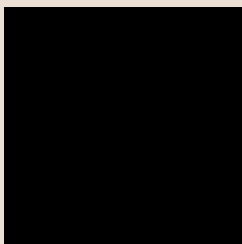
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

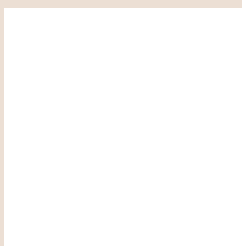
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.8634, 75.3617, 72.9933

Background



This preview shows how black text looks on a background with the XYZ color 72.8634, 75.3617, 72.9933.



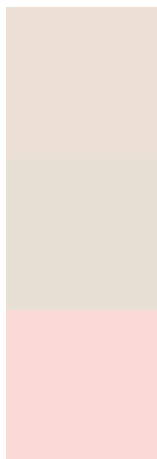
This preview shows how white text looks on a background with the XYZ color 72.8634, 75.3617,

72.9933.

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

72.8634, 75.3617, 72.9933

Protanopia

71.9446, 75.2712, 73.6877

Deuteranopia

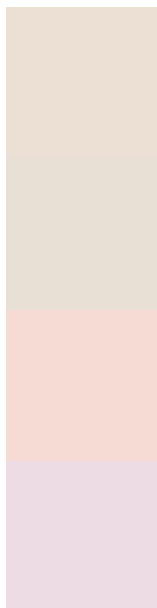
76.6068, 74.9390, 73.3779



Tritanopia

76.2142, 75.1282, 90.6050

Trichromacy



Original Color

72.8634, 75.3617, 72.9933

Protanomaly

72.2702, 75.4390, 73.7029

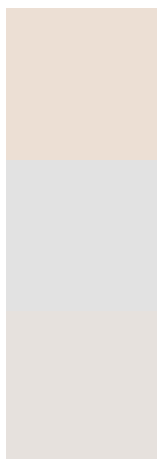
Deuteranomaly

75.3478, 75.0600, 73.4676

Tritanomaly

74.8567, 74.9650, 83.9231

Monochromacy



Original Color

72.8634, 75.3617, 72.9933

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.6095, 75.8939, 79.2287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8634, 75.3617, 72.9933 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(236, 223, 212) looks like.

```
.text, #text, p{  
    color:rgb(236, 223, 212)  
}
```

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(236, 223, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 223, 212) }
```

Border

The CSS property to change the border of an element to XYZ 72.8634, 75.3617, 72.9933 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(236, 223, 212) }
```


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

```
.border{ border-color:rgb(236, 223, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 223, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 223, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 223, 212);  
box-shadow:4px 4px 4px 4px rgb(236, 223,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8634, 75.3617, 72.9933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 223, 212) }
```

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

```
.background{ background-color: rgb(236,  
223, 212) }
```

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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