

Converting Colors

XYZ(72.3925, 75.1930, 78.4121)

Have a look what the booklet for
XYZ(72.3925, 75.1930, 78.4121)
contains.

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Color

**XYZ(72.2609, 74.9316,
78.3648)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DFDC
RGB	231, 223, 220
RGB Percent	91%, 87%, 86%
CMY	0.0941, 0.1255, 0.1372
CMYK	0.00, 0.03, 0.05, 0.09
HSL	16°, 19%, 88%
HSV	16°, 5%, 91%
XYZ	72.2609, 74.9316, 78.3648
YIQ	225.0500, 5.7310, 0.7630

Conversions

Conversions Part 2

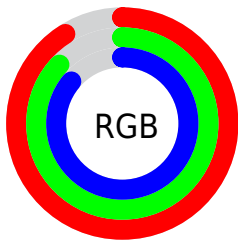
Format	Color
R_{YB}	231, 224, 220
Decimal	15196124
CIE Lab	89.36, 2.20, 2.42
CIE LCh	89, 3.275, 47.759
Yxy	74.9316, 0.3204, 0.3322
Android (android.graphics.Color)	4293386204 (0xFFE7DFDC)
YUV	225.0500, -2.4896, 5.2182
Hunter-Lab	86.5630, -2.4775, 6.9194

Details

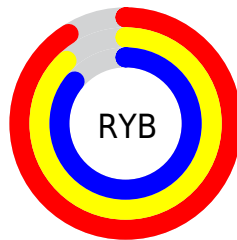
The XYZ color **72.2609, 74.9316, 78.3648** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.6822, 76.4706, 86.5844**, and the grayscale version is **71.6202, 75.3500, 82.0562**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4734, 39.8358, 41.2586** is the 20% darker color. If you saturate the color by 10%, you get **65.1451, 65.2617, 61.9274**, and if you desaturate by 10%, it is **80.2487, 85.6669, 97.1803**.

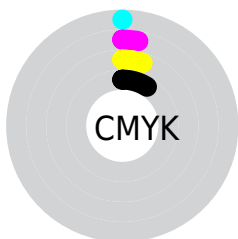
Distribution



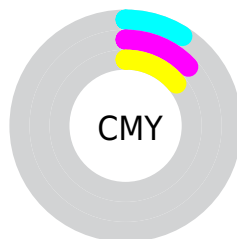
- Red (91%)
- Green (87%)
- Blue (86%)



- Red (91%)
- Yellow (88%)
- Blue (86%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (9%)



- Cyan (9%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.2609, 74.9316, 78.3648 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 72.2609, 74.9316, 78.3648 by changing the saturation by 10% instead.

■ 72.2609, 74.9316,
78.3648

■ 72.2609, 74.9316,
78.3648

457.5927,
477.6824, 508.9656

■ 53.6581, 55.5569,
57.8555

121.4362,
126.2155, 132.8548

■ 38.5579, 39.8477,
41.2785

152.7393,
158.8935, 167.6725

■ 26.5952, 27.4198,
28.2155

189.0066,
196.7747, 208.0968

■ 17.4044, 17.8888,
18.2477

230.6034,
240.2435, 254.5462

■ 10.6203, 10.8702,
10.9567

277.8951,
289.6842, 307.4393

■ 5.8776, 5.9796,
5.9239

331.2469,

■ 2.8107, 2.8327,

345.4814, 367.1945

2.7308

391.0244,
408.0193, 434.2304

■ 1.0545, 1.0450,
0.9589

■ 0.0000, 0.0000,
0.0000

■ 72.2609, 74.9316,
78.3648

■ 72.2609, 74.9316,
78.3648

■ 65.1451, 65.2617,
61.9274

■ 80.2487, 85.6669,
97.1803

■ 58.8647, 56.6149,
47.7682

■ 86.7653, 95.7291,
108.5123

■ 53.3901, 48.9600,
35.7873

■ 48.6872, 42.2606,
25.8757

■ 44.7194, 36.4784,
17.9146

■ 41.4469, 31.5718,
11.7731

■ 38.8260, 27.4962,
7.3042

■ 36.8072, 24.2026,
4.3374

■ 35.3322, 21.6357,
2.6650

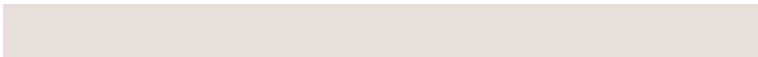
Harmonies

Analogous

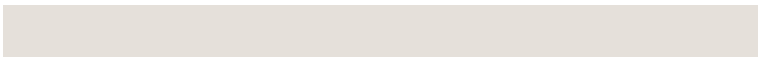
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.6975, 74.9316, 80.2494



72.2609, 74.9316, 78.3648



71.5474, 74.9316, 77.3515

Triad

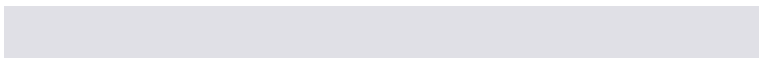
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.2609, 74.9316, 78.3648



69.7253, 74.9316, 80.6559



71.6912, 74.9316, 85.8621

Complementary

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



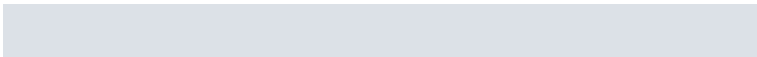
72.2609, 74.9316, 78.3648



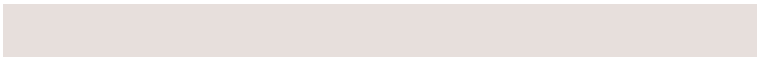
71.6822, 76.4706, 86.5844

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.



70.8941, 74.9316, 85.9759



72.2609, 74.9316, 78.3648



69.7631, 74.9316, 82.9410

Square

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



72.2609, 74.9316, 78.3648



70.0858, 74.9316, 78.6576



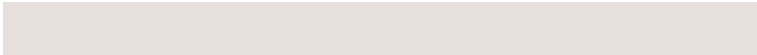
70.1896, 74.9316, 84.8979



72.3669, 74.9316, 84.5898

Rectangle

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



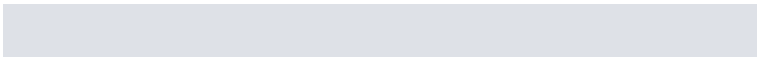
72.2609, 74.9316, 78.3648



71.0124, 74.9316, 77.2937



70.1896, 74.9316, 84.8979



71.4284, 74.9316, 86.0380

Sweetspot

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



72.2630, 74.9349, 78.3664



94.0536, 98.6599, 106.5559



72.5620, 73.7815, 83.8650



20.1419, 21.1314, 22.8321



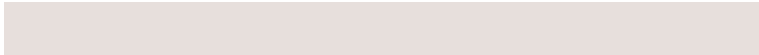
0.0000, 0.0000, 0.0000



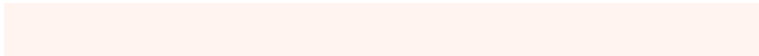
20.3446, 21.4041, 23.3091

Same Dimension

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



72.2630, 74.9349, 78.3664



89.2378, 92.1618, 95.2903



73.7369, 77.8827, 78.8577



15.1356, 15.6019, 16.0459



19.5629, 11.7000, 1.2272



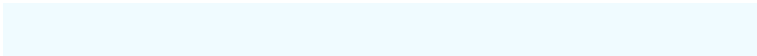
1.5213, 1.0160, 0.1159

Inverse Universe

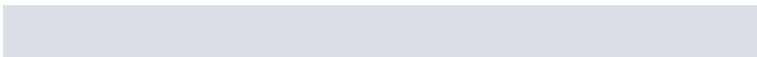
The Inverse Universe completely reimagines the original color for something new.



71.6822, 76.4706, 86.5844



88.3248, 94.5756, 108.2074



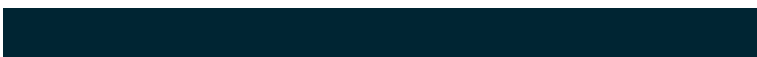
70.2120, 73.5303, 86.0943



14.9654, 16.0518, 18.4539



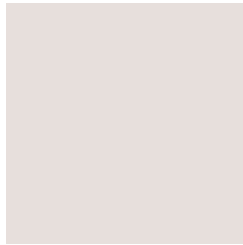
16.0356, 19.1333, 45.2311



1.2613, 1.5666, 3.3679

Previews

White Background



This preview shows how the XYZ color 72.2609, 74.9316, 78.3648 looks on a white background.

Color Contrast Check

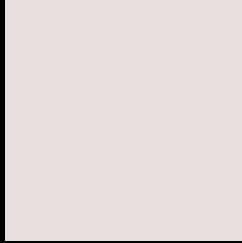
Large Text (above 18pt) WCAG AA × Fail

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 72.2609, 74.9316, 78.3648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

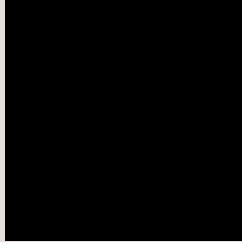
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

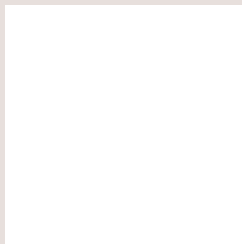
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.2609, 74.9316, 78.3648

Background



This preview shows how black text looks on a background with the XYZ color 72.2609, 74.9316, 78.3648.

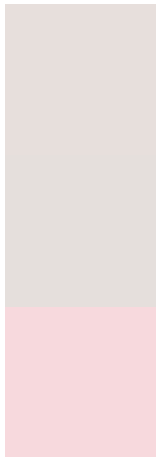


This preview shows how white text looks on a background with the XYZ color 72.2609, 74.9316,

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

72.2609, 74.9316, 78.3648

Protanopia

71.6190, 74.6007, 78.3348

Deuteranopia

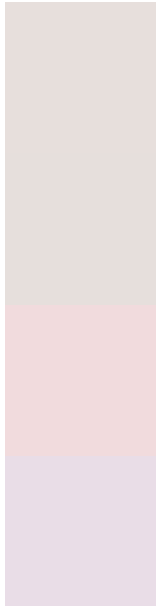
76.2218, 74.6203, 78.7925



Tritanopia

74.9575, 74.8519, 91.3861

Trichromacy



Original Color

72.2609, 74.9316, 78.3648

Protanomaly

71.9391, 74.7657, 78.3498

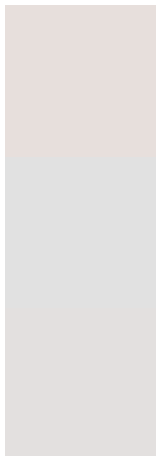
Deuteranomaly

74.6583, 74.5843, 78.8679

Tritanomaly

73.8845, 74.8061, 86.1462

Monochromacy



Original Color

72.2609, 74.9316, 78.3648

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.6535, 74.9699, 80.5061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2609, 74.9316, 78.3648 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(231, 223, 220) looks like.

```
.text, #text, p{  
    color:rgb(231, 223, 220)  
}
```

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(231, 223, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 223, 220) }
```

Border

The CSS property to change the border of an element to XYZ 72.2609, 74.9316, 78.3648 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(231, 223, 220) }
```


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

```
.border{ border-color:rgb(231, 223, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 223, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 223, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 223, 220);  
box-shadow:4px 4px 4px 4px rgb(231, 223,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2609, 74.9316, 78.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 223, 220) }
```

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

```
.background{ background-color: rgb(231,  
223, 220) }
```

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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