

Converting Colors

XYZ(72.7471, 75.0498, 72.6607)

Have a look what the booklet for
XYZ(72.7471, 75.0498, 72.6607)
contains.

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Color

**XYZ(72.5970, 74.8289,
72.9045)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDED4
RGB	236, 222, 212
RGB Percent	93%, 87%, 83%
CMY	0.0745, 0.1294, 0.1686
CMYK	0.00, 0.06, 0.10, 0.07
HSL	25°, 39%, 88%
HSV	25°, 10%, 93%
XYZ	72.5970, 74.8289, 72.9045
YIQ	225.0460, 11.5540, -0.1420

Conversions

Conversions Part 2

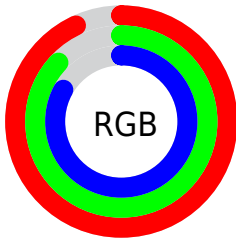
Format	Color
R _Y B	236, 229, 212
Decimal	15523540
CIE Lab	89.31, 3.12, 6.60
CIE LCh	89, 7.302, 64.748
Yxy	74.8289, 0.3295, 0.3396
Android (android.graphics.Color)	4293713620 (0xFFE0DED4)
YUV	225.0460, -6.4317, 9.6067
Hunter-Lab	86.5037, -1.5779, 10.5835

Details

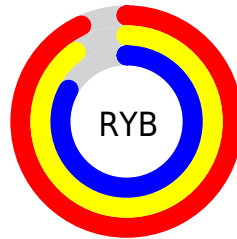
The XYZ color **72.5970, 74.8289, 72.9045** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.4878, 74.4445, 90.0644**, and the grayscale version is **71.6418, 75.3728, 82.0809**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7269, 39.7751, 37.5345** is the 20% darker color. If you saturate the color by 10%, you get **66.3281, 66.7117, 57.1850**, and if you desaturate by 10%, it is **79.6036, 83.7235, 91.0185**.

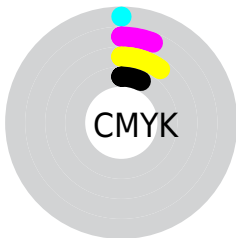
Distribution



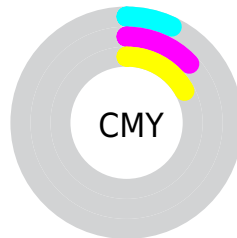
- Red (93%)
- Green (87%)
- Blue (83%)



- Red (93%)
- Yellow (90%)
- 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 72.5970, 74.8289, 72.9045 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 72.5970, 74.8289, 72.9045 by changing the saturation by 10% instead.

72.5970, 74.8289,
72.9045

72.5970, 74.8289,
72.9045

458.7423,
477.3293, 489.7457

53.9337, 55.4727,
53.4065

121.9111,
126.0701, 125.0613

38.7791, 39.7803,
37.7375

153.2927,
158.7240, 158.5572

26.7679, 27.3673,
25.4787

189.6444,
196.5792, 197.5561

17.5347, 17.8493,
16.2118

231.3316,
240.0201, 242.4767

10.7141, 10.8418,
9.5182

278.7196,
289.4312, 293.7374

5.9408, 5.9606,
4.9793

332.1738,

2.8494, 2.8211,

345.1968, 351.7567

2.1766

392.0596,
407.7014, 416.9533

■ 1.0746, 1.0391,
0.6608

■ 0.0037, 0.0000,
0.0000

■ 72.5970, 74.8289,
72.9045

■ 72.5970, 74.8289,
72.9045

■ 66.3281, 66.7117,
57.1850

■ 79.6036, 83.7235,
91.0185

■ 60.7649, 59.3405,
43.7538

■ 86.6823, 93.1328,
108.0155

■ 55.8818, 52.6956,
32.5039

■ 88.4024, 96.5730,
108.5889

■ 51.6495, 46.7530,
23.3176

■ 48.0358, 41.4872,
16.0660

■ 45.0058, 36.8708,
10.6057

■ 42.5201, 32.8739,
6.7726

■ 40.5330, 29.4635,
4.3719

■ 38.9954, 26.6392,
3.0866

Harmonies

Analogous

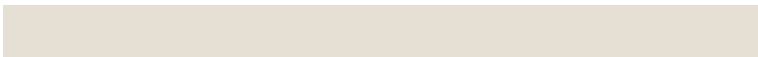
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9804, 74.8289, 76.0005



72.5970, 74.8289, 72.9045



70.8389, 74.8289, 72.0667

Triad

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



72.5970, 74.8289, 72.9045



67.7565, 74.8289, 82.2923



73.0970, 74.8289, 89.8231

Complementary

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



72.5970, 74.8289, 72.9045



69.4878, 74.4445, 90.0644

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.



71.4071, 74.8289, 91.6704



72.5970, 74.8289, 72.9045



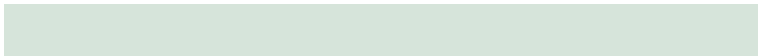
68.3394, 74.8289, 87.2083

Square

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



72.5970, 74.8289, 72.9045



68.0631, 74.8289, 77.3538



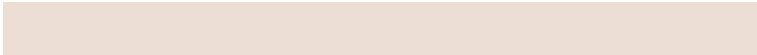
69.6683, 74.8289, 90.6942



74.2725, 74.8289, 85.7420

Rectangle

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



72.5970, 74.8289, 72.9045



69.6954, 74.8289, 72.8705



69.6683, 74.8289, 90.6942



72.5692, 74.8289, 90.7335

Sweetspot

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



72.5991, 74.8322, 72.9061



92.4359, 96.7037, 102.0729



71.8639, 70.4119, 81.7556



19.6385, 20.5131, 21.4669



0.0000, 0.0000, 0.0000



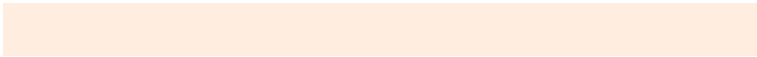
20.3446, 21.4041, 23.3091

Same Dimension

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



72.5991, 74.8322, 72.9061



85.0781, 87.3221, 83.1765



75.8994, 81.4328, 74.0062



15.5814, 16.0857, 15.8023



21.6159, 14.9261, 1.7417



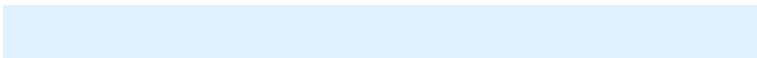
1.7904, 1.3581, 0.1678

Inverse Universe

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



69.4878, 74.4445, 90.0644



80.7395, 86.7811, 107.1027



66.3393, 68.1474, 89.0149



14.9610, 16.0084, 19.2237



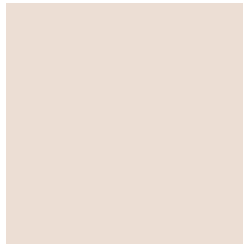
13.4564, 13.5598, 45.6510



1.1513, 1.2540, 3.6162

Previews

White Background



This preview shows how the XYZ color 72.5970, 74.8289, 72.9045 looks on a white background.

Color Contrast Check

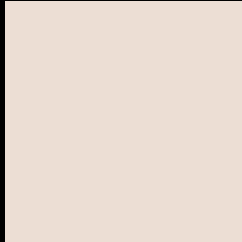
Large Text (above 18pt) WCAG AA × Fail

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 72.5970, 74.8289, 72.9045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

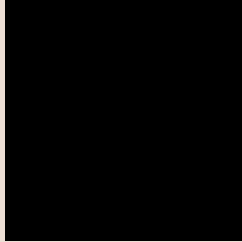
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

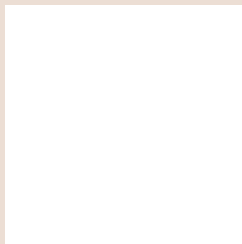
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.5970, 74.8289, 72.9045

Background



This preview shows how black text looks on a background with the XYZ color 72.5970, 74.8289, 72.9045.



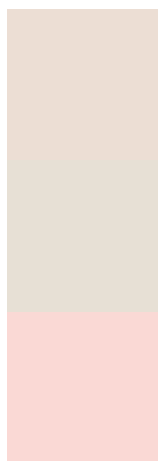
This preview shows how white text looks on a background with the XYZ color 72.5970, 74.8289,

72.9045.

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

72.5970, 74.8289, 72.9045

Protanopia

71.6209, 75.1043, 73.6725

Deuteranopia

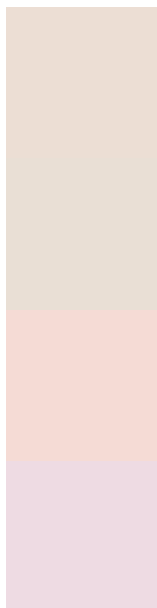
76.2474, 74.7538, 73.3610



Tritanopia

75.8083, 74.5497, 89.7509

Trichromacy



Original Color

72.5970, 74.8289, 72.9045

Protanomaly

72.0022, 74.9031, 73.6136

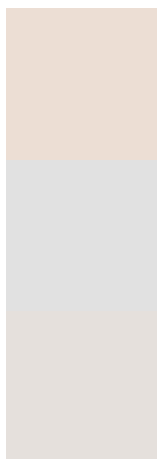
Deuteranomaly

74.9979, 74.8796, 73.4512

Tritanomaly

74.4565, 74.3862, 83.1067

Monochromacy



Original Color

72.5970, 74.8289, 72.9045

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.8870, 75.1366, 78.4241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5970, 74.8289, 72.9045 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, 222, 212) looks like.

```
.text, #text, p{  
    color:rgb(236, 222, 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, 222, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 222, 212) }
```

Border

The CSS property to change the border of an element to XYZ 72.5970, 74.8289, 72.9045 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, 222, 212) }
```


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

```
.border{ border-color:rgb(236, 222, 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, 222, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 222, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 222, 212);  
box-shadow:4px 4px 4px 4px rgb(236, 222,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5970, 74.8289, 72.9045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 222, 212) }
```

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

```
.background{ background-color: rgb(236,  
222, 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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