

Converting Colors

XYZ(72.3614, 72.2265, 70.1717)

Have a look what the booklet for
XYZ(72.3614, 72.2265, 70.1717)
contains.

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Color

**XYZ(72.4270, 72.0816,
70.4174)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D7D1
RGB	242, 215, 209
RGB Percent	95%, 84%, 82%
CMY	0.0510, 0.1568, 0.1804
CMYK	0.00, 0.11, 0.14, 0.05
HSL	11°, 56%, 88%
HSV	11°, 14%, 95%
XYZ	72.4270, 72.0816, 70.4174
YIQ	222.3890, 18.0180, 3.8580

Conversions

Conversions Part 2

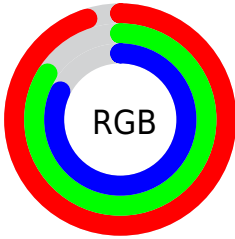
Format	Color
R _Y B	242, 216, 209
Decimal	15914961
CIE Lab	88.01, 8.38, 6.37
CIE LCh	88, 10.527, 37.219
Yxy	72.0816, 0.3370, 0.3354
Android (android.graphics.Color)	4294105041 (0xFFF2D7D1)
YUV	222.3890, -6.6008, 17.1988
Hunter-Lab	84.9009, 3.6977, 10.2551

Details

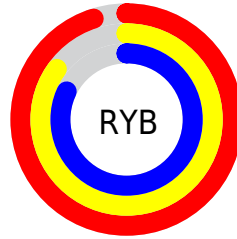
The XYZ color **72.4270, 72.0816, 70.4174** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.3165, 79.9552, 95.6265**, and the grayscale version is **69.7441, 73.3762, 79.9067**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7369, 37.9473, 36.2932** is the 20% darker color. If you saturate the color by 10%, you get **64.9162, 61.4958, 54.2375**, and if you desaturate by 10%, it is **81.0069, 84.0758, 89.2006**.

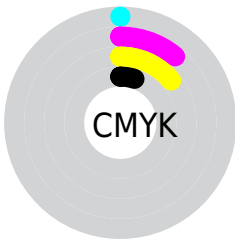
Distribution



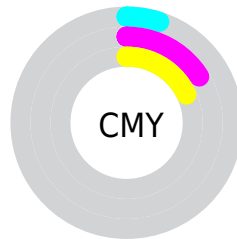
- Red (95%)
- Green (84%)
- Blue (82%)



- Red (95%)
- Yellow (85%)
- Blue (82%)



- Cyan (0%)
- Magenta (11%)
- Yellow (14%)
- Black (5%)





- Cyan (5%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.4270, 72.0816, 70.4174 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 72.4270, 72.0816, 70.4174 by changing the saturation by 10% instead.


 72.4270, 72.0816,
70.4174

 72.4270, 72.0816,
70.4174


458.1611,
467.8256, 480.8429

 53.7943, 53.2253,
51.3880


121.6709,
122.1725, 121.4905

 38.6672, 37.9827,
36.1386


153.0129,
154.1760, 154.3713

 26.6805, 25.9693,
24.2507


189.3219,
191.3307, 192.7062

 17.4688, 16.8006,
15.3058

230.9634,
234.0209, 236.9139

 10.6666, 10.0925,
8.8853

278.3027,
282.6311, 287.4129

 5.9088, 5.4603,
4.5706

331.7052,

 2.8298, 2.5198,

337.5457, 344.6217

1.9433

391.5362,
399.1491, 408.9588

■ 1.0644, 0.8865,
0.5201

■ 0.0000, 0.0000,
0.0000

■ 72.4270, 72.0816,
70.4174

■ 72.4270, 72.0816,
70.4174

■ 64.9162, 61.4958,
54.2375

■ 81.0069, 84.0758,
89.2006

■ 58.4265, 52.2573,
40.5414

■ 90.3006, 97.3621,
108.6411

■ 52.9148, 44.3146,
29.2070

■ 90.4282, 97.6174,
108.6837

■ 48.3328, 37.6091,
20.0999

■ 44.6277, 32.0779,
13.0723

■ 41.7415, 27.6522,
7.9583

■ 39.6086, 24.2560,
4.5664

■ 38.1523, 21.8030,
2.6646

■ 37.5202, 20.6812,
2.0143

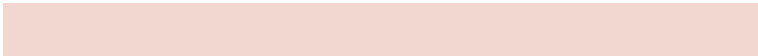
Harmonies

Analogous

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



73.4118, 72.0816, 76.7604



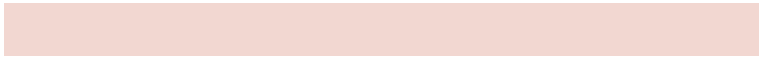
72.4270, 72.0816, 70.4174



70.3972, 72.0816, 66.4180

Triad

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



72.4270, 72.0816, 70.4174



64.1572, 72.0816, 73.2534



69.1197, 72.0816, 93.0112

Complementary

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



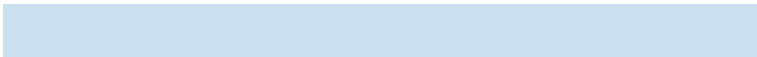
72.4270, 72.0816, 70.4174



72.3165, 79.9552, 95.6265

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.



66.6596, 72.0816, 91.9307



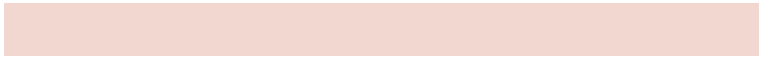
72.4270, 72.0816, 70.4174



63.8341, 72.0816, 80.2345

Square

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



72.4270, 72.0816, 70.4174



65.6334, 72.0816, 67.9842



64.7395, 72.0816, 87.1456



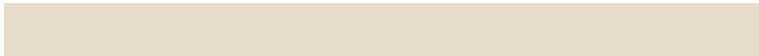
71.4723, 72.0816, 90.0141

Rectangle

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



72.4270, 72.0816, 70.4174



68.7458, 72.0816, 65.4725



64.7395, 72.0816, 87.1456



68.2775, 72.0816, 93.1158

Sweetspot

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



72.4290, 72.0848, 70.4189



90.8465, 94.1517, 99.6112



74.6323, 70.5644, 89.4257



19.2805, 19.9232, 20.9587



0.0000, 0.0000, 0.0000



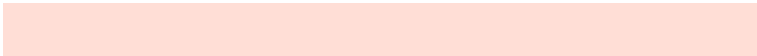
20.3446, 21.4041, 23.3091

Same Dimension

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



72.4290, 72.0848, 70.4189



79.4246, 78.1682, 74.6542



76.7032, 80.6333, 71.8437



16.0054, 16.2239, 16.4377



20.2267, 11.2515, 1.1057



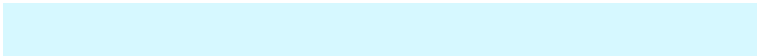
1.7473, 1.0652, 0.1135

Inverse Universe

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



72.3165, 79.9552, 95.6265



79.2772, 88.4208, 107.4963



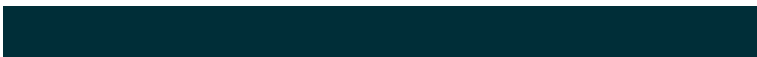
67.9156, 71.1535, 94.1595



15.9886, 17.4112, 20.2396



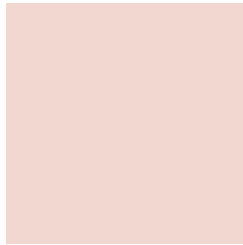
19.5470, 25.3183, 48.9845



1.6891, 2.2321, 4.0960

Previews

White Background



This preview shows how the XYZ color 72.4270, 72.0816, 70.4174 looks on a white background.

Color Contrast Check

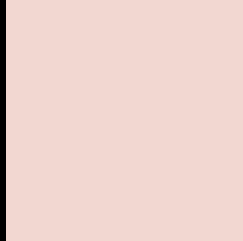
Large Text (above 18pt) WCAG AA × Fail

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 72.4270, 72.0816, 70.4174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

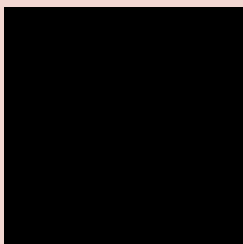
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

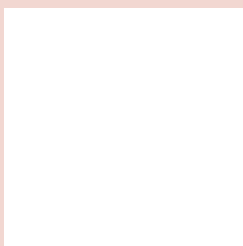
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.4270, 72.0816, 70.4174

Background



This preview shows how black text looks on a background with the XYZ color 72.4270, 72.0816, 70.4174.



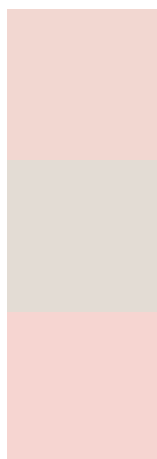
This preview shows how white text looks on a background with the XYZ color 72.4270, 72.0816,

70.4174.

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

72.4270, 72.0816, 70.4174

Protanopia

69.1554, 72.2708, 72.5921

Deuteranopia

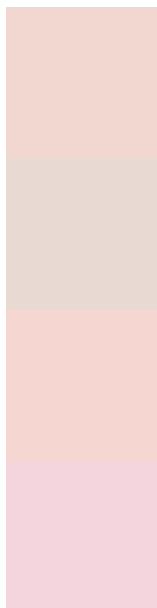
73.3089, 71.7848, 70.3137



Tritanopia

75.3425, 72.1566, 84.0854

Trichromacy



Original Color

72.4270, 72.0816, 70.4174

Protanomaly

70.1080, 72.0018, 71.8307

Deuteranomaly

73.2114, 72.1091, 70.3814

Tritanomaly

74.2873, 72.0955, 79.1077

Monochromacy



Original Color

72.4270, 72.0816, 70.4174

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.1690, 72.3308, 75.9086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4270, 72.0816, 70.4174 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(242, 215, 209) looks like.

```
.text, #text, p{  
    color:rgb(242, 215, 209)  
}
```

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(242, 215, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 215, 209) }
```

Border

The CSS property to change the border of an element to XYZ 72.4270, 72.0816, 70.4174 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(242, 215, 209) }
```


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

```
.border{ border-color:rgb(242, 215, 209) }
```

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

Here you see how a box with a 4 pixel rgb(242, 215, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 215, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 215, 209);  
box-shadow:4px 4px 4px 4px rgb(242, 215,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4270, 72.0816, 70.4174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 215, 209) }
```

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

```
.background{ background-color: rgb(242,  
215, 209) }
```

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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