

Converting Colors

XYZ(72.8947, 72.2355, 72.7034)

Have a look what the booklet for
XYZ(72.8947, 72.2355, 72.7034)
contains.

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Color

**XYZ(72.8021, 72.2316,
72.3924)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D7D4
RGB	242, 215, 212
RGB Percent	95%, 84%, 83%
CMY	0.0510, 0.1568, 0.1686
CMYK	0.00, 0.11, 0.12, 0.05
HSL	6°, 54%, 89%
HSV	6°, 12%, 95%
XYZ	72.8021, 72.2316, 72.3924
YIQ	222.7310, 17.0550, 4.7910

Conversions

Conversions Part 2

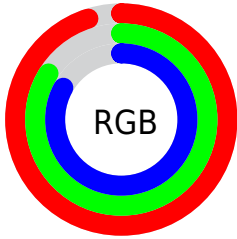
Format	Color
R _Y B	242, 215, 212
Decimal	15914964
CIE Lab	88.08, 8.86, 4.89
CIE LCh	88, 10.119, 28.896
Yxy	72.2316, 0.3348, 0.3322
Android (android.graphics.Color)	4294105044 (0xFFFF2D7D4)
YUV	222.7310, -5.2904, 16.8989
Hunter-Lab	84.9892, 4.1728, 8.9902

Details

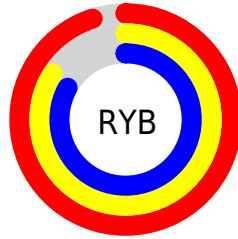
The XYZ color **72.8021, 72.2316, 72.3924** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.0446, 82.1393, 95.9572**, and the grayscale version is **69.9779, 73.6222, 80.1746**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9063, 38.0150, 37.1853** is the 20% darker color. If you saturate the color by 10%, you get **64.7947, 60.7410, 55.7740**, and if you desaturate by 10%, it is **82.0092, 85.3878, 91.6698**.

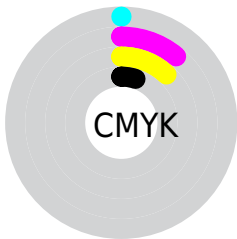
Distribution



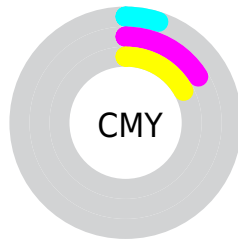
- Red (95%)
- Green (84%)
- Blue (83%)



- Red (95%)
- Yellow (84%)
- Blue (83%)



- Cyan (0%)
- Magenta (11%)
- Yellow (12%)
- Black (5%)





- Cyan (5%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.8021, 72.2316, 72.3924 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 72.8021, 72.2316, 72.3924 by changing the saturation by 10% instead.


 72.8021, 72.2316,
72.3924

 72.8021, 72.2316,
72.3924


459.4431,
468.3473, 487.9205

 54.1020, 53.3479,
52.9905


122.2009,
122.3857, 124.3272

 38.9142, 38.0806,
37.4075


153.6302,
154.4250, 157.6971

 26.8734, 26.0452,
25.2249


190.0333,
191.6182, 196.5601

 17.6143, 16.8575,
16.0242

231.7756,
234.3497, 241.3348

 10.7714, 10.1329,
9.3867

279.2223,
283.0040, 292.4396

 5.9795, 5.4872,
4.8940

332.7389,

 2.8732, 2.5358,

337.9654, 350.2931

2.1276

392.6907,
399.6184, 415.3139

■ 1.0870, 0.8945,
0.6321

■ 0.0142, 0.0000,
0.0000

■ 72.8021, 72.2316,
72.3924

■ 72.8021, 72.2316,
72.3924

■ 64.7947, 60.7410,
55.7740

■ 82.0092, 85.3878,
91.6698

■ 57.9317, 50.8404,
41.6934

■ 90.4283, 97.6174,
108.6837

■ 52.1626, 42.4626,
30.0269

■ 47.4304, 35.5319,
20.6389

■ 43.6734, 29.9661,
13.3800

■ 40.8227, 25.6747,
8.0831

■ 38.8008, 22.5564,
4.5561

■ 37.5166, 20.4940,
2.5680

■ 36.9498, 19.5404,
1.8242

Harmonies

Analogous

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



73.4043, 72.2316, 78.9046



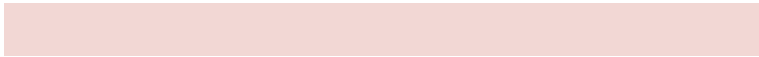
72.8021, 72.2316, 72.3924



71.0820, 72.2316, 67.7971

Triad

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



72.8021, 72.2316, 72.3924



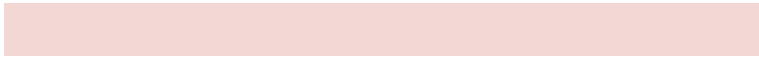
64.7525, 72.2316, 71.9730



68.5645, 72.2316, 92.7144

Complementary

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



72.8021, 72.2316, 72.3924



74.0446, 82.1393, 95.9572

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.



66.2819, 72.2316, 90.5988



72.8021, 72.2316, 72.3924



64.1131, 72.2316, 78.3918

Square

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



72.8021, 72.2316, 72.3924



66.4335, 72.2316, 67.5651



64.6665, 72.2316, 85.2538



70.9234, 72.2316, 90.8809

Rectangle

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



72.8021, 72.2316, 72.3924



69.5526, 72.2316, 66.3013



64.6665, 72.2316, 85.2538



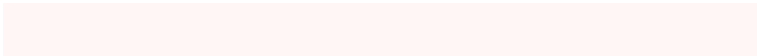
67.7631, 72.2316, 92.4394

Sweetspot

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



72.8041, 72.2348, 72.3939



90.5924, 93.6433, 99.5264



75.7424, 72.1973, 91.6057



19.2164, 19.7951, 20.9374



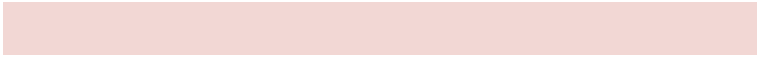
0.0000, 0.0000, 0.0000



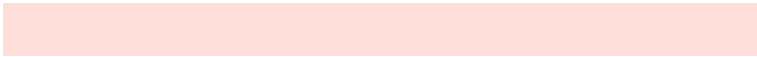
20.3446, 21.4041, 23.3091

Same Dimension

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



72.8041, 72.2348, 72.3939



79.4777, 77.7484, 76.2933



76.7994, 80.2253, 73.7257



15.9001, 16.0134, 16.4026



19.8941, 10.5862, 0.9948



1.6975, 0.9656, 0.0969

Inverse Universe

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



74.0446, 82.1393, 95.9572



81.1412, 91.0338, 107.9024



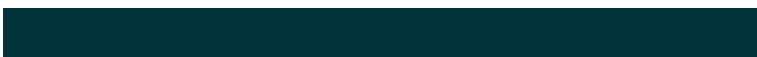
69.8350, 73.7202, 94.5540



16.1042, 17.6426, 20.2782



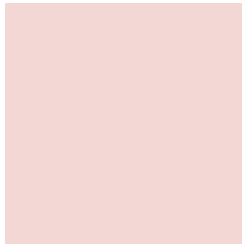
22.1036, 30.4315, 49.8368



1.8776, 2.6091, 4.1589

Previews

White Background



This preview shows how the XYZ color 72.8021, 72.2316, 72.3924 looks on a white background.

Color Contrast Check

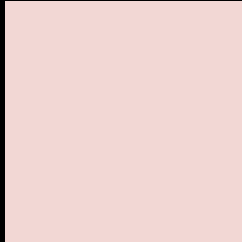
Large Text (above 18pt) WCAG AA × Fail

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 72.8021, 72.2316, 72.3924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

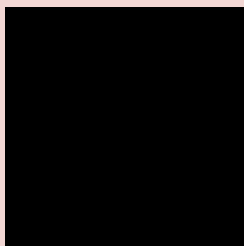
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

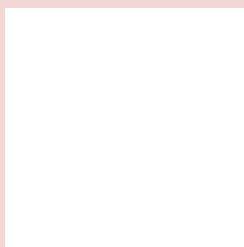
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.8021, 72.2316, 72.3924

Background



This preview shows how black text looks on a background with the XYZ color 72.8021, 72.2316, 72.3924.



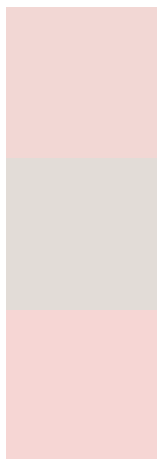
This preview shows how white text looks on a background with the XYZ color 72.8021, 72.2316,

72.3924.

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

72.8021, 72.2316, 72.3924

Protanopia

69.2230, 72.2614, 74.5894

Deuteranopia

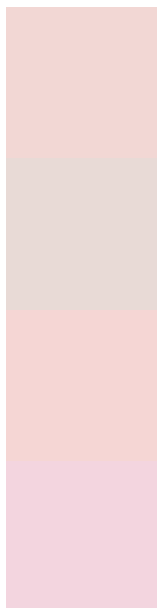
73.9363, 72.4394, 72.3727



Tritanopia

74.9946, 71.9772, 84.0691

Trichromacy



Original Color

72.8021, 72.2316, 72.3924

Protanomaly

70.4877, 72.1537, 73.8303

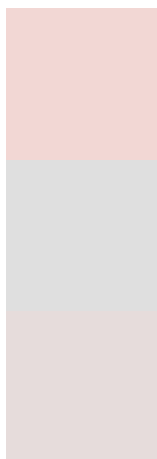
Deuteranomaly

73.5864, 72.2591, 72.3563

Tritanomaly

74.0757, 71.9709, 79.7996

Monochromacy



Original Color

72.8021, 72.2316, 72.3924

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.0125, 73.1239, 77.3894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8021, 72.2316, 72.3924 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, 212) looks like.

```
.text, #text, p{  
    color:rgb(242, 215, 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(242, 215, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 215, 212) }
```

Border

The CSS property to change the border of an element to XYZ 72.8021, 72.2316, 72.3924 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, 212) }
```


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

```
.border{ border-color:rgb(242, 215, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 215, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 215, 212);  
box-shadow:4px 4px 4px 4px rgb(242, 215,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8021, 72.2316, 72.3924 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, 212) }
```

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

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