

Converting Colors

XYZ(71.8873, 72.1293, 72.3612)

Have a look what the booklet for
XYZ(71.8873, 72.1293, 72.3612)
contains.

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Color

**XYZ(72.0361, 72.2159,
72.4297)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD8D4
RGB	239, 216, 212
RGB Percent	94%, 85%, 83%
CMY	0.0627, 0.1529, 0.1686
CMYK	0.00, 0.10, 0.11, 0.06
HSL	9°, 46%, 88%
HSV	9°, 11%, 94%
XYZ	72.0361, 72.2159, 72.4297
YIQ	222.4210, 14.9920, 3.6320

Conversions

Conversions Part 2

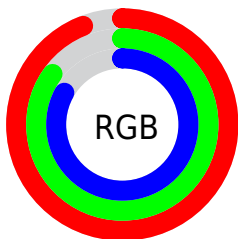
Format	Color
R _Y B	239, 217, 212
Decimal	15718612
CIE Lab	88.07, 7.28, 4.85
CIE LCh	88, 8.747, 33.648
Yxy	72.2159, 0.3325, 0.3333
Android (android.graphics.Color)	4293908692 (0xFFEFD8D4)
YUV	222.4210, -5.1376, 14.5398
Hunter-Lab	84.9799, 2.5966, 8.9522

Details

The XYZ color **72.0361, 72.2159, 72.4297** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.4393, 79.6441, 93.2169**, and the grayscale version is **69.7582, 73.3911, 79.9229**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3591, 37.9913, 37.2096** is the 20% darker color. If you saturate the color by 10%, you get **64.3461, 61.3083, 56.0766**, and if you desaturate by 10%, it is **80.8225, 84.6004, 91.3517**.

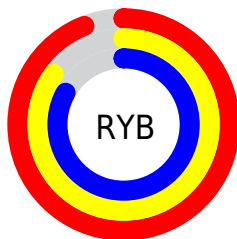
Distribution



Red (94%)

Green (85%)

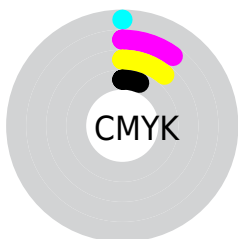
Blue (83%)



Red (94%)

Yellow (85%)

Blue (83%)

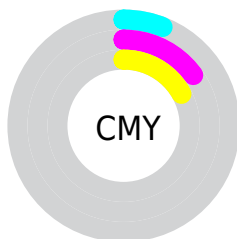


Cyan (0%)

Magenta (10%)

Yellow (11%)

Black (6%)



Cyan (6%)


Magenta (15%)


Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0361, 72.2159, 72.4297 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 72.0361, 72.2159, 72.4297 by changing the saturation by 10% instead.


 72.0361, 72.2159,
72.4297

 72.0361, 72.2159,
72.4297


456.8229,
468.2927, 488.0535

 53.4737, 53.3351,
53.0208


121.1184,
122.3634, 124.3807

 38.4101, 38.0703,
37.4315


152.3690,
154.3989, 157.7598

 26.4798, 26.0373,
25.2434


188.5798,
191.5881, 196.6327

 17.3175, 16.8515,
16.0378

230.1160,
234.3153, 241.4180

 10.5578, 10.1287,
9.3963

277.3431,
282.9650, 292.5342

 5.8354, 5.4844,
4.9002

330.6264,

 2.7850, 2.5342,

337.9215, 350.3998

2.1311

390.3312,
399.5693, 415.4334

■ 1.0411, 0.8937,
0.6342

■ 0.0000, 0.0000,
0.0000

■ 72.0361, 72.2159,
72.4297

■ 72.0361, 72.2159,
72.4297

■ 64.3461, 61.3083,
56.0766

■ 80.8225, 84.6004,
91.3517

■ 57.7033, 51.8133,
42.1770

■ 89.4069, 97.0909,
108.6359

■ 52.0640, 43.6757,
30.6137

■ 47.3787, 36.8332,
21.2580

■ 43.5937, 31.2185,
13.9686

■ 40.6501, 26.7584,
8.5879

■ 38.4815, 23.3713,
4.9355

■ 37.0109, 20.9652,
2.7958

■ 36.2111, 19.5793,
1.8706

Harmonies

Analogous

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



72.7246, 72.2159, 77.9014



72.0361, 72.2159, 72.4297



70.4368, 72.2159, 68.7700

Triad

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



72.0361, 72.2159, 72.4297



65.1036, 72.2159, 73.6362



68.8949, 72.2159, 90.6742

Complementary

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



72.0361, 72.2159, 72.4297



72.4393, 79.6441, 93.2169

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.



66.8721, 72.2159, 89.3919



72.0361, 72.2159, 72.4297



64.7094, 72.2159, 79.3648

Square

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



72.0361, 72.2159, 72.4297



66.4382, 72.2159, 69.4414



65.3505, 72.2159, 85.1762



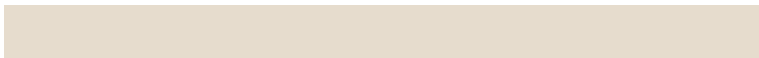
70.8880, 72.2159, 88.5972

Rectangle

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



72.0361, 72.2159, 72.4297



69.0842, 72.2159, 67.7469



65.3505, 72.2159, 85.1762



68.1958, 72.2159, 90.6222

Sweetspot

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



72.0381, 72.2191, 72.4312



91.7992, 95.4302, 101.8607



74.1942, 71.4600, 88.7840



19.4671, 20.1703, 21.4098



0.0000, 0.0000, 0.0000



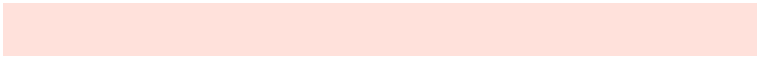
20.3446, 21.4041, 23.3091

Same Dimension

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



72.0381, 72.2191, 72.4312



80.8815, 80.0218, 78.4079



75.5281, 79.1990, 73.5946



15.9620, 16.1370, 16.4232



20.0687, 10.9354, 1.0530



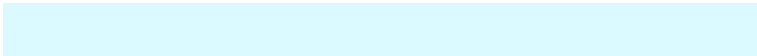
1.7268, 1.0243, 0.1067

Inverse Universe

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



72.4393, 79.6441, 93.2169



81.4479, 90.5149, 107.7861



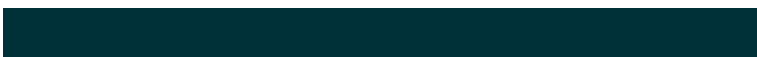
68.8270, 72.4195, 92.0128



16.0360, 17.5061, 20.2554



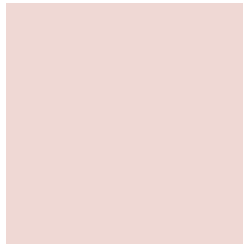
20.5606, 27.3455, 49.3224



1.7642, 2.3825, 4.1211

Previews

White Background



This preview shows how the XYZ color 72.0361, 72.2159, 72.4297 looks on a white background.

Color Contrast Check

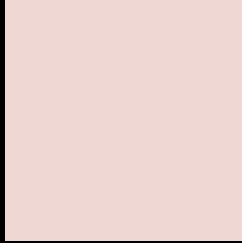
Large Text (above 18pt) WCAG AA × Fail

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 72.0361, 72.2159, 72.4297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

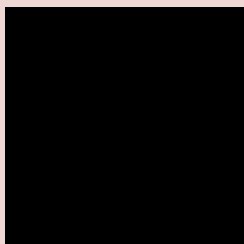
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

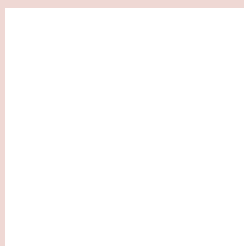
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.0361, 72.2159, 72.4297

Background



This preview shows how black text looks on a background with the XYZ color 72.0361, 72.2159, 72.4297.



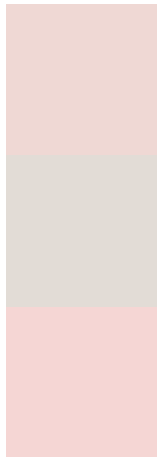
This preview shows how white text looks on a background with the XYZ color 72.0361, 72.2159,

72.4297.

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

72.0361, 72.2159, 72.4297

Protanopia

69.0948, 72.2102, 73.9146

Deuteranopia

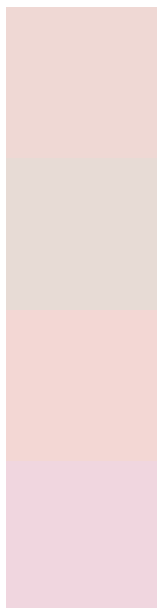
73.5864, 72.2591, 72.3563



Tritanopia

74.3528, 72.0024, 84.8420

Trichromacy



Original Color

72.0361, 72.2159, 72.4297

Protanomaly

70.2968, 72.4561, 73.2312

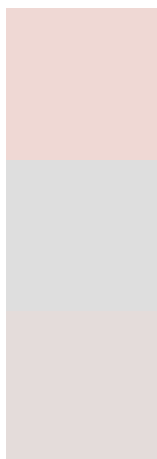
Deuteranomaly

73.1463, 72.4090, 72.4085

Tritanomaly

73.3010, 71.9461, 79.8356

Monochromacy



Original Color

72.0361, 72.2159, 72.4297

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.2430, 72.7423, 76.6681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0361, 72.2159, 72.4297 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(239, 216, 212) looks like.

```
.text, #text, p{  
    color:rgb(239, 216, 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(239, 216, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 216, 212) }
```

Border

The CSS property to change the border of an element to XYZ 72.0361, 72.2159, 72.4297 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(239, 216, 212) }
```


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

```
.border{ border-color:rgb(239, 216, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 216, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 216, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 216, 212);  
box-shadow:4px 4px 4px 4px rgb(239, 216,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0361, 72.2159, 72.4297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 216, 212) }
```

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

```
.background{ background-color: rgb(239,  
216, 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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