

Converting Colors

XYZ(71.4909, 70.7839, 73.0313)

Have a look what the booklet for
XYZ(71.4909, 70.7839, 73.0313)
contains.

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Color

**XYZ(71.4011, 70.7433,
72.8424)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD5D5
RGB	239, 213, 213
RGB Percent	94%, 84%, 84%
CMY	0.0627, 0.1647, 0.1647
CMYK	0.00, 0.11, 0.11, 0.06
HSL	0°, 45%, 89%
HSV	0°, 11%, 94%
XYZ	71.4011, 70.7433, 72.8424
YIQ	220.7740, 15.4960, 5.5120

Conversions

Conversions Part 2

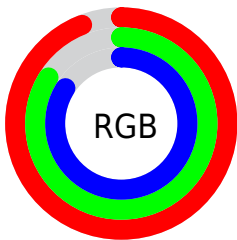
Format	Color
R _Y B	239, 213, 213
Decimal	15717845
CIE Lab	87.36, 9.01, 3.29
CIE LCh	87, 9.589, 20.050
Yxy	70.7433, 0.3321, 0.3291
Android (android.graphics.Color)	4293907925 (0xFFEFD5D5)
YUV	220.7740, -3.8326, 15.9842
Hunter-Lab	84.1090, 4.3398, 7.5284

Details

The XYZ color **71.4011, 70.7433, 72.8424** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.8868, 82.1096, 93.6167**, and the grayscale version is **68.5888, 72.1608, 78.5831**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9269, 36.9896, 37.4885** is the 20% darker color. If you saturate the color by 10%, you get **63.0144, 58.4717, 56.1668**, and if you desaturate by 10%, it is **81.1245, 84.9712, 92.1708**.

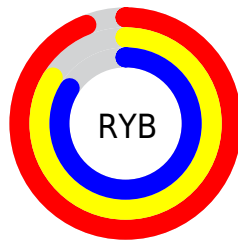
Distribution



Red (94%)

Green (84%)

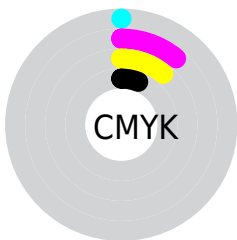
Blue (84%)



Red (94%)

Yellow (84%)

Blue (84%)

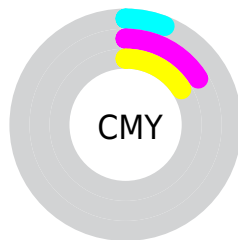


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (6%)



Cyan (6%)


Magenta (16%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.4011, 70.7433, 72.8424 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 71.4011, 70.7433, 72.8424 by changing the saturation by 10% instead.


 71.4011, 70.7433,
72.8424

 71.4011, 70.7433,
72.8424


454.6444,
463.1556, 489.5245

 52.9533, 52.1327,
53.3561


120.2201,
120.2681, 124.9723

 37.9928, 37.1109,
37.6974


151.3220,
151.9512, 158.4529

 26.1543, 25.2934,
25.4479


187.3726,
188.7606, 197.4354

 17.0724, 16.2958,
16.1890

228.7374,
231.0806, 242.3383

 10.3817, 9.7337,
9.5022

275.7816,
279.2958, 293.5801

 5.7170, 5.2227,
4.9689

328.8706,

 2.7128, 2.3785,

333.7904, 351.5794

2.1706

388.3697,
394.9488, 416.7547

■ 1.0038, 0.8148,
0.6573

■ 0.0000, 0.0000,
0.0000

■ 71.4011, 70.7433,
72.8424

■ 71.4011, 70.7433,
72.8424

■ 63.0144, 58.4717,
56.1668

■ 81.1245, 84.9712,
92.1708

■ 55.9004, 48.0620,
42.0241

■ 89.4070, 97.0909,
108.6359

■ 49.9988, 39.4263,
30.2918

■ 45.2419, 32.4655,
20.8355

■ 41.5555, 27.0711,
13.5077

■ 38.8568, 23.1220,
8.1435

■ 37.0508, 20.4789,
4.5540

■ 36.0236, 18.9756,
2.5130

■ 35.5974, 18.3517,
1.6660

Harmonies

Analogous

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



71.6072, 70.7433, 79.1960



71.4011, 70.7433, 72.8424



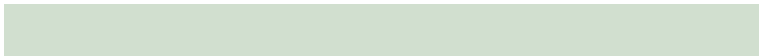
70.0661, 70.7433, 67.8827

Triad

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



71.4011, 70.7433, 72.8424



63.9655, 70.7433, 69.3156



66.4920, 70.7433, 89.9357

Complementary

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



71.4011, 70.7433, 72.8424



73.8868, 82.1096, 93.6167

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.



64.4898, 70.7433, 86.9586



71.4011, 70.7433, 72.8424



63.0529, 70.7433, 74.8988

Square

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



71.4011, 70.7433, 72.8424



65.7618, 70.7433, 65.9269



63.2426, 70.7433, 81.3698



68.7390, 70.7433, 89.3089

Rectangle

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



71.4011, 70.7433, 72.8424



68.7317, 70.7433, 65.9201



63.2426, 70.7433, 81.3698



65.7688, 70.7433, 89.3172

Sweetspot

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



71.4031, 70.7464, 72.8439



91.4508, 94.7336, 101.7446



74.9717, 72.1722, 91.6414



19.3736, 19.9833, 21.3786



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.



71.4031, 70.7464, 72.8439



80.4876, 78.6916, 79.9487



74.8041, 77.5485, 73.9776



15.7731, 15.7593, 16.3602



19.6718, 10.1416, 0.9207



1.6366, 0.8438, 0.0766

Inverse Universe

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



73.8868, 82.1096, 93.6167



83.8866, 94.2426, 108.3771



70.2179, 74.7718, 92.3937



16.2472, 17.9285, 20.3258



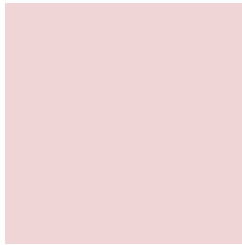
25.6613, 37.5469, 51.0227



2.1349, 3.1237, 4.2446

Previews

White Background



This preview shows how the XYZ color 71.4011, 70.7433, 72.8424 looks on a white background.

Color Contrast Check

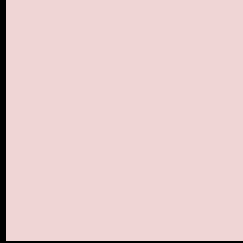
Large Text (above 18pt) WCAG AA × Fail

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 71.4011, 70.7433, 72.8424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

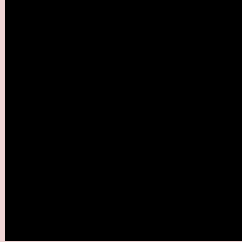
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.4011, 70.7433, 72.8424

Background



This preview shows how black text looks on a background with the XYZ color 71.4011, 70.7433, 72.8424.



This preview shows how white text looks on a background with the XYZ color 71.4011, 70.7433,

72.8424.

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

71.4011, 70.7433, 72.8424

Protanopia

68.2065, 70.9480, 75.0652

Deuteranopia

72.1717, 70.7683, 72.8066



Tritanopia

73.4350, 70.8354, 82.4752

Trichromacy



Original Color

71.4011, 70.7433, 72.8424

Protanomaly

69.1347, 70.6760, 74.2880

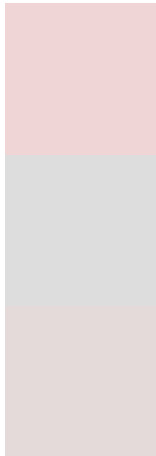
Deuteranomaly

71.8294, 70.5918, 72.7906

Tritanomaly

72.6635, 70.8862, 78.9599

Monochromacy



Original Color

71.4011, 70.7433, 72.8424

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.7212, 71.6987, 76.4942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4011, 70.7433, 72.8424 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, 213, 213) looks like.

```
.text, #text, p{  
    color:rgb(239, 213, 213)  
}
```

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, 213, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 213, 213) }
```

Border

The CSS property to change the border of an element to XYZ 71.4011, 70.7433, 72.8424 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, 213, 213) }
```


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

```
.border{ border-color:rgb(239, 213, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 213, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 213, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 213, 213);  
box-shadow:4px 4px 4px 4px rgb(239, 213,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4011, 70.7433, 72.8424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 213, 213) }
```

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

```
.background{ background-color: rgb(239,  
213, 213) }
```

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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