

Converting Colors

XYZ(72.3098, 71.6726, 81.2734)

Have a look what the booklet for
XYZ(72.3098, 71.6726, 81.2734)
contains.

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Color

**XYZ(72.4831, 71.8700,
81.2862)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD7E1
RGB	236, 215, 225
RGB Percent	93%, 84%, 88%
CMY	0.0745, 0.1568, 0.1176
CMYK	0.00, 0.09, 0.05, 0.07
HSL	331°, 36%, 88%
HSV	331°, 9%, 93%
XYZ	72.4831, 71.8700, 81.2862
YIQ	222.4190, 9.3060, 7.5620

Conversions

Conversions Part 2

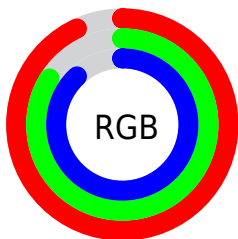
Format	Color
R _Y B	236, 215, 225
Decimal	15521761
CIE Lab	87.91, 8.94, -2.28
CIE LCh	88, 9.227, 345.666
Yxy	71.8700, 0.3212, 0.3185
Android (android.graphics.Color)	4293711841 (0xFFECD7E1)
YUV	222.4190, 1.2724, 11.9105
Hunter-Lab	84.7762, 4.2581, 2.4941

Details

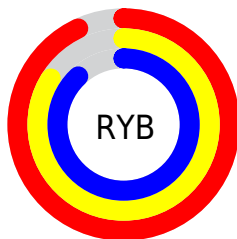
The XYZ color **72.4831, 71.8700, 81.2862** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.7500, 79.9308, 83.6019**, and the grayscale version is **69.7157, 73.3464, 79.8742**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6489, 37.7472, 43.2791** is the 20% darker color. If you saturate the color by 10%, you get **65.2761, 60.0575, 70.8615**, and if you desaturate by 10%, it is **80.6832, 85.4713, 92.6464**.

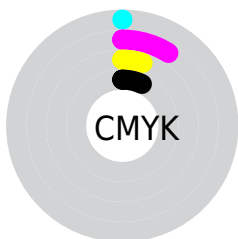
Distribution



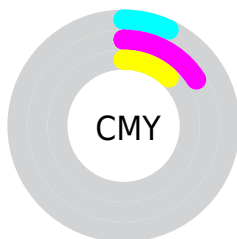
- Red (93%)
- Green (84%)
- Blue (88%)



- Red (93%)
- Yellow (84%)
- Blue (88%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (7%)



- Cyan (7%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.4831, 71.8700, 81.2862 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 72.4831, 71.8700, 81.2862 by changing the saturation by 10% instead.

72.4831, 71.8700,
81.2862

72.4831, 71.8700,
81.2862

458.3529,
467.0890, 519.0775

53.8403, 53.0525,
60.2450

121.7502,
121.8717, 137.0002

38.7041, 37.8447,
43.1895

153.1052,
153.8247, 172.5101

26.7093, 25.8622,
29.7013

189.4283,
190.9249, 213.6800

17.4905, 16.7205,
19.3619

231.0849,
233.5568, 260.9283

10.6823, 10.0354,
11.7526

278.4403,
282.1048, 314.6737

5.9193, 5.4225,
6.4550

331.8599,

2.8363, 2.4972,

336.9532, 375.3347

3.0504

391.7090,
398.4865, 443.3298

■ 1.0678, 0.8752,
1.1204

■ 0.0000, 0.0000,
0.0000

■ 72.4831, 71.8700,
81.2862

■ 72.4831, 71.8700,
81.2862

■ 65.2761, 60.0575,
70.8615

■ 80.6832, 85.4713,
92.6464

■ 59.0165, 49.9494,
61.3417

■ 87.5655, 96.2383,
104.1813

■ 53.6641, 41.4687,
52.7012

■ 88.4025, 96.5731,
108.5889

■ 49.1734, 34.5286,
44.9113

■ 45.4947, 29.0342,
37.9414

■ 42.5727, 24.8799,
31.7583

■ 40.3450, 21.9457,
26.3261

■ 38.7380, 20.0896,
21.6042

■ 37.6423, 19.0982,
17.5395

Harmonies

Analogous

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



71.3749, 71.8700, 87.0122



72.4831, 71.8700, 81.2862



72.4567, 71.8700, 75.0344

Triad

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



72.4831, 71.8700, 81.2862



67.1766, 71.8700, 67.1795



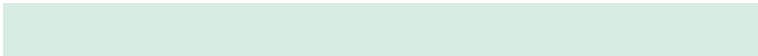
65.4020, 71.8700, 87.2256

Complementary

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



72.4831, 71.8700, 81.2862



71.7500, 79.9308, 83.6019

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.



64.3252, 71.8700, 81.5649



72.4831, 71.8700, 81.2862



65.3346, 71.8700, 70.1045

Square

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



72.4831, 71.8700, 81.2862



69.3609, 71.8700, 67.1139



64.3008, 71.8700, 75.2986



67.2703, 71.8700, 90.5638

Rectangle

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



72.4831, 71.8700, 81.2862



71.7982, 71.8700, 71.4137



64.3008, 71.8700, 75.2986



64.9372, 71.8700, 85.5182

Sweetspot

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



72.4851, 71.8731, 81.2877



92.0192, 94.9603, 104.7395



70.7604, 70.8050, 89.2951



19.5265, 20.0443, 22.1843



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.



72.4851, 71.8731, 81.2877



84.4689, 82.4802, 94.1437



71.2500, 71.5218, 74.3436



15.3641, 15.1735, 17.2026



20.7554, 10.5049, 9.7794



1.6781, 0.8442, 1.0224

Inverse Universe

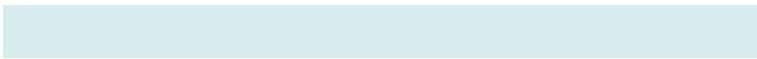
The Inverse Universe completely reimagines the original color for something new.



72.4851, 71.8731, 81.2877



84.4689, 82.4802, 94.1437



73.0616, 80.2944, 91.0054



15.3641, 15.1735, 17.2026



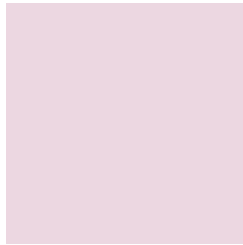
20.7554, 10.5049, 9.7794



1.6781, 0.8442, 1.0224

Previews

White Background



This preview shows how the XYZ color 72.4831, 71.8700, 81.2862 looks on a white background.

Color Contrast Check

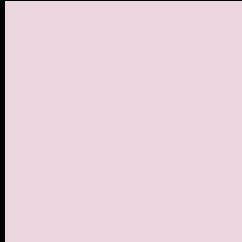
Large Text (above 18pt) WCAG AA × Fail

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 72.4831, 71.8700, 81.2862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

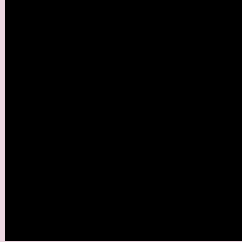
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.4831, 71.8700, 81.2862

Background



This preview shows how black text looks on a background with the XYZ color 72.4831, 71.8700, 81.2862.



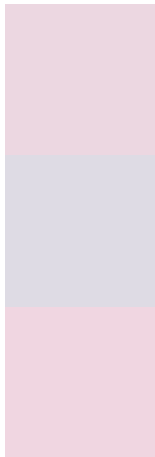
This preview shows how white text looks on a background with the XYZ color 72.4831, 71.8700,

81.2862.

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

72.4831, 71.8700, 81.2862

Protanopia

69.4593, 71.7941, 83.5955

Deuteranopia

73.5724, 72.0546, 81.2644



Tritanopia

73.3954, 71.8672, 85.6047

Trichromacy



Original Color

72.4831, 71.8700, 81.2862

Protanomaly

70.6151, 72.0198, 82.8524

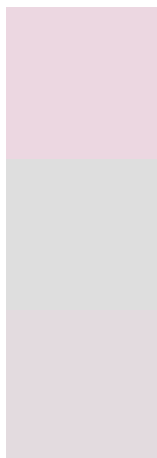
Deuteranomaly

73.2338, 71.8801, 81.2486

Tritanomaly

73.1145, 71.7548, 84.1253

Monochromacy



Original Color

72.4831, 71.8700, 81.2862

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.3294, 72.3216, 80.0648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4831, 71.8700, 81.2862 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, 215, 225) looks like.

```
.text, #text, p{  
    color:rgb(236, 215, 225)  
}
```

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, 215, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 215, 225) }
```

Border

The CSS property to change the border of an element to XYZ 72.4831, 71.8700, 81.2862 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, 215, 225) }
```


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

```
.border{ border-color:rgb(236, 215, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 215, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 215, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 215, 225);  
box-shadow:4px 4px 4px 4px rgb(236, 215,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4831, 71.8700, 81.2862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 215, 225) }
```

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

```
.background{ background-color: rgb(236,  
215, 225) }
```

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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