

Converting Colors

XYZ(72.2051, 74.1642, 79.9780)

Have a look what the booklet for
XYZ(72.2051, 74.1642, 79.9780)
contains.

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Color

**XYZ(72.1307, 74.0295,
80.2995)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DDDF
RGB	231, 221, 223
RGB Percent	91%, 87%, 87%
CMY	0.0941, 0.1333, 0.1255
CMYK	0.00, 0.04, 0.03, 0.09
HSL	348°, 17%, 89%
HSV	348°, 4%, 91%
XYZ	72.1307, 74.0295, 80.2995
YIQ	224.2180, 5.3180, 2.7420

Conversions

Conversions Part 2

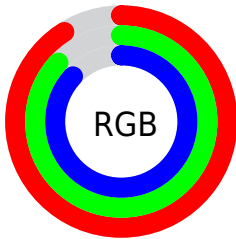
Format	Color
R_{YB}	231, 221, 223
Decimal	15195615
CIE Lab	88.94, 3.76, 0.23
CIE LCh	89, 3.764, 3.492
Yxy	74.0295, 0.3185, 0.3269
Android (android.graphics.Color)	4293385695 (0xFFE7DDDF)
YUV	224.2180, -0.6005, 5.9478
Hunter-Lab	86.0404, -0.9278, 4.8943

Details

The XYZ color **72.1307, 74.0295, 80.2995** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.5403, 78.1830, 85.4000**, and the grayscale version is **71.0106, 74.7087, 81.3578**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3833, 39.2135, 42.5917** is the 20% darker color. If you saturate the color by 10%, you get **64.0888, 61.7184, 65.9858**, and if you desaturate by 10%, it is **81.2882, 88.1342, 96.3295**.

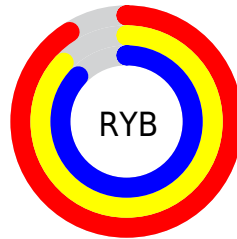
Distribution



Red (91%)

Green (87%)

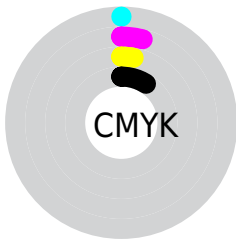
Blue (87%)



Red (91%)

Yellow (87%)

Blue (87%)

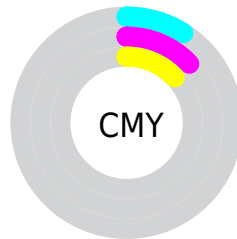


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (9%)



Cyan (9%)

Magenta (13%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.1307, 74.0295, 80.2995 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 72.1307, 74.0295, 80.2995 by changing the saturation by 10% instead.

72.1307, 74.0295,
80.2995

72.1307, 74.0295,
80.2995

457.1470,
474.5752, 515.6750

53.5513, 54.8182,
59.4372

121.2521,
124.9376, 135.6019

38.4723, 39.2562,
42.5429

152.5249,
157.4032, 170.8792

26.5283, 26.9591,
29.1979

188.7594,
195.0557, 211.7985

17.3540, 17.5425,
18.9837

230.3212,
238.2795, 258.7784

10.5841, 10.6220,
11.4818

277.5754,
287.4589, 312.2375

5.8531, 5.8133,
6.2737

330.8876,

2.7958, 2.7319,

342.9784, 372.5942

2.9407

390.6230,
405.2224, 440.2672

■ 1.0467, 0.9934,
1.0644

■ 0.0000, 0.0000,
0.0000

■ 72.1307, 74.0295,
80.2995

■ 72.1307, 74.0295,
80.2995

■ 64.0888, 61.7184,
65.9858

■ 81.2882, 88.1342,
96.3295

■ 57.1133, 51.1196,
53.3266

■ 86.7654, 95.7291,
108.5123

■ 51.1610, 42.1600,
42.2629

■ 46.1828, 34.7574,
32.7309

■ 42.1259, 28.8224,
24.6619

■ 38.9324, 24.2566,
17.9824

■ 36.5372, 20.9493,
12.6119

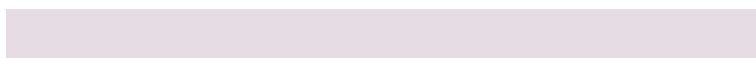
■ 34.8661, 18.7727,
8.4613

■ 33.8297, 17.5713,
5.4297

Harmonies

Analogous

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



71.9464, 74.0295, 82.8717



72.1307, 74.0295, 80.2995



71.8379, 74.0295, 77.8613

Triad

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



72.1307, 74.0295, 80.2995



69.3980, 74.0295, 76.4826



69.5817, 74.0295, 85.1916

Complementary

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



72.1307, 74.0295, 80.2995



72.5403, 78.1830, 85.4000

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.



68.9081, 74.0295, 83.4135



72.1307, 74.0295, 80.2995



68.8026, 74.0295, 78.3811

Square

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



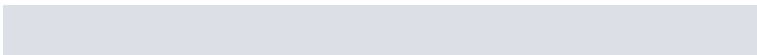
72.1307, 74.0295, 80.2995



70.2559, 74.0295, 75.6878



68.6241, 74.0295, 80.9124



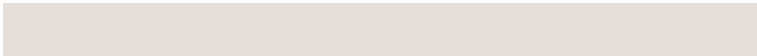
70.4699, 74.0295, 85.7318

Rectangle

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



72.1307, 74.0295, 80.2995



71.4130, 74.0295, 76.6293



68.6241, 74.0295, 80.9124



69.3230, 74.0295, 84.7170

Sweetspot

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



72.1328, 74.0327, 80.3011



93.9150, 98.2530, 106.9093



72.5956, 74.1437, 86.0872



20.1136, 21.0486, 22.9040



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.



72.1328, 74.0327, 80.3011



89.5169, 91.4933, 99.1651



72.6641, 75.5234, 79.1581



15.1590, 15.4339, 16.7159



18.7881, 9.6495, 2.5132



1.4210, 0.7261, 0.3577

Inverse Universe

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



72.1328, 74.0327, 80.3011



89.5169, 91.4933, 99.1651



71.9885, 76.6308, 86.5993



15.1590, 15.4339, 16.7159



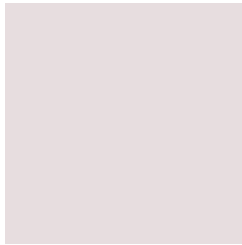
18.7881, 9.6495, 2.5132



1.4210, 0.7261, 0.3577

Previews

White Background



This preview shows how the XYZ color 72.1307, 74.0295, 80.2995 looks on a white background.

Color Contrast Check

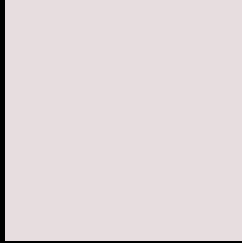
Large Text (above 18pt) WCAG AA × Fail

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 72.1307, 74.0295, 80.2995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

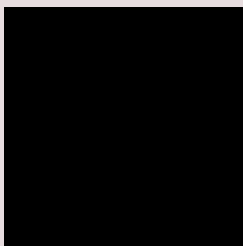
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

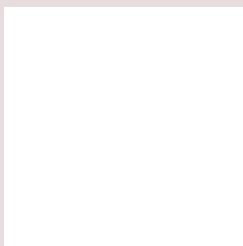
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.1307, 74.0295, 80.2995

Background



This preview shows how black text looks on a background with the XYZ color 72.1307, 74.0295, 80.2995.

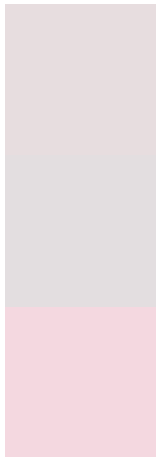


This preview shows how white text looks on a background with the XYZ color 72.1307, 74.0295,

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

72.1307, 74.0295, 80.2995

Protanopia

71.2544, 73.9553, 81.0403

Deuteranopia

75.3186, 73.7266, 80.7820



Tritanopia

74.0761, 74.0428, 89.7443

Trichromacy



Original Color

72.1307, 74.0295, 80.2995

Protanomaly

71.5707, 74.1184, 81.0551

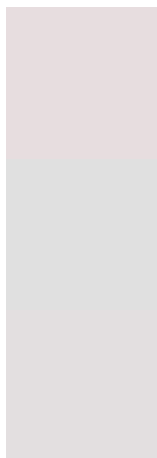
Deuteranomaly

74.1226, 73.8753, 80.8737

Tritanomaly

73.2957, 74.1117, 86.0432

Monochromacy



Original Color

72.1307, 74.0295, 80.2995

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.5208, 74.4881, 81.1291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1307, 74.0295, 80.2995 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(231, 221, 223) looks like.

```
.text, #text, p{  
    color:rgb(231, 221, 223)  
}
```

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(231, 221, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 221, 223) }
```

Border

The CSS property to change the border of an element to XYZ 72.1307, 74.0295, 80.2995 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(231, 221, 223) }
```


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

```
.border{ border-color:rgb(231, 221, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 221, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 221, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 221, 223);  
box-shadow:4px 4px 4px 4px rgb(231, 221,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1307, 74.0295, 80.2995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 221, 223) }
```

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

```
.background{ background-color: rgb(231,  
221, 223) }
```

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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