

Converting Colors

XYZ(72.9179, 74.4217, 81.0463)

Have a look what the booklet for
XYZ(72.9179, 74.4217, 81.0463)
contains.

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Color

**XYZ(72.9153, 74.4184,
81.0421)**

Conversions

Conversions Part 1

Format	Color
Hex	E9DDE0
RGB	233, 221, 224
RGB Percent	91%, 87%, 88%
CMY	0.0863, 0.1333, 0.1216
CMYK	0.00, 0.05, 0.04, 0.09
HSL	345°, 21%, 89%
HSV	345°, 5%, 91%
XYZ	72.9153, 74.4184, 81.0421
YIQ	224.9300, 6.1890, 3.4770

Conversions

Conversions Part 2

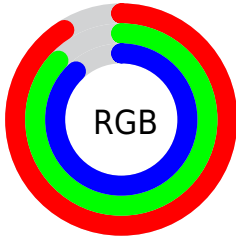
Format	Color
R _Y B	233, 221, 224
Decimal	15326688
CIE Lab	89.12, 4.61, -0.01
CIE LCh	89, 4.614, 359.879
Yxy	74.4184, 0.3193, 0.3259
Android (android.graphics.Color)	4293516768 (0xFFE9DDE0)
YUV	224.9300, -0.4585, 7.0774
Hunter-Lab	86.2661, -0.0909, 4.6867

Details

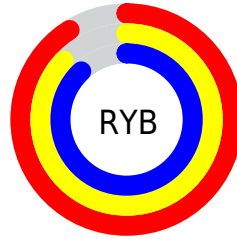
The XYZ color **72.9153, 74.4184, 81.0421** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.2435, 79.3651, 86.3256**, and the grayscale version is **71.5197, 75.2442, 81.9410**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9291, 39.4841, 43.1055** is the 20% darker color. If you saturate the color by 10%, you get **64.9355, 62.0591, 67.2807**, and if you desaturate by 10%, it is **81.9969, 88.5891, 96.3752**.

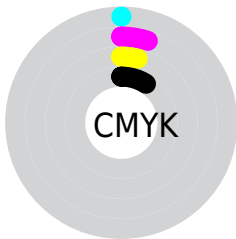
Distribution



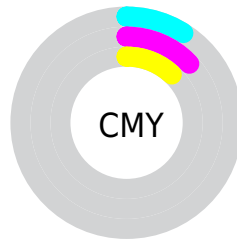
- Red (91%)
- Green (87%)
- Blue (88%)



- Red (91%)
- Yellow (87%)
- Blue (88%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (9%)



- Cyan (9%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9153, 74.4184, 81.0421 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 72.9153, 74.4184, 81.0421 by changing the saturation by 10% instead.

72.9153, 74.4184,
81.0421

72.9153, 74.4184,
81.0421

459.8295,
475.9162, 518.2370

54.1948, 55.1366,
60.0451

122.3607,
125.4887, 136.6545

38.9887, 39.5111,
43.0294

153.8164,
158.0460, 172.1069

26.9317, 27.1575,
29.5766

190.2479,
195.7972, 213.2149

17.6582, 17.6916,
19.2681

232.0205,
239.1268, 260.3970

10.8031, 10.7288,
11.6854

279.4996,
288.4191, 314.0717

6.0009, 5.8848,
6.4099

333.0506,

2.8863, 2.7751,

344.0584, 374.6575

3.0231

393.0388,
406.4293, 442.5731

■ 1.0939, 1.0155,
1.1064

■ 0.0200, 0.0000,
0.0000

■ 72.9153, 74.4184,
81.0421

■ 72.9153, 74.4184,
81.0421

■ 64.9355, 62.0591,
67.2807

■ 81.9969, 88.5891,
96.3752

■ 58.0088, 51.4287,
55.0358

■ 87.4147, 96.0639,
108.5427

■ 52.0923, 42.4526,
44.2562

■ 47.1377, 35.0471,
34.8859

■ 43.0924, 29.1210,
26.8650

■ 39.8991, 24.5739,
20.1293

■ 37.4931, 21.2924,
14.6091

■ 35.8004, 19.1453,
10.2274

■ 34.7312, 17.9716,
6.8970

Harmonies

Analogous

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



72.6180, 74.4184, 84.1743



72.9153, 74.4184, 81.0421



72.6226, 74.4184, 77.9851

Triad

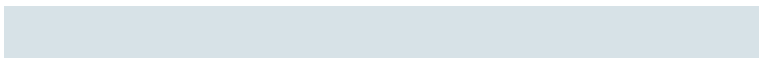
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9153, 74.4184, 81.0421



69.6615, 74.4184, 75.7808



69.6536, 74.4184, 86.5004

Complementary

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



72.9153, 74.4184, 81.0421



73.2435, 79.3651, 86.3256

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.



68.8754, 74.4184, 84.1510



72.9153, 74.4184, 81.0421



68.8799, 74.4184, 77.9630

Square

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



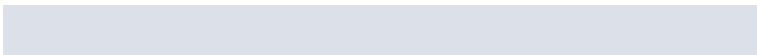
72.9153, 74.4184, 81.0421



70.7370, 74.4184, 74.9969



68.5936, 74.4184, 81.0159



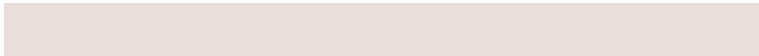
70.7279, 74.4184, 87.3761

Rectangle

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



72.9153, 74.4184, 81.0421



72.1340, 74.4184, 76.3884



68.5936, 74.4184, 81.0159



69.3492, 74.4184, 85.8538

Sweetspot

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



72.9174, 74.4216, 81.0437



92.8345, 96.5451, 105.1526



73.2000, 74.4225, 87.5988



19.8936, 20.7008, 22.5463



0.0000, 0.0000, 0.0000



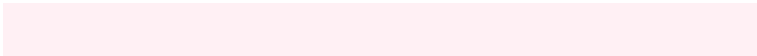
20.3446, 21.4041, 23.3091

Same Dimension

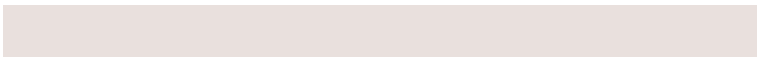
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.9174, 74.4216, 81.0437



88.5683, 89.9063, 97.8928



73.3135, 75.8584, 79.1886



15.7316, 15.9098, 17.3210



19.5456, 10.0209, 3.4086



1.5724, 0.8019, 0.4654

Inverse Universe

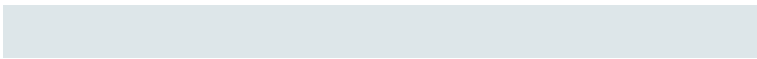
The Inverse Universe completely reimagines the original color for something new.



72.9174, 74.4216, 81.0437



88.5683, 89.9063, 97.8928



72.8262, 77.8513, 88.2803



15.7316, 15.9098, 17.3210



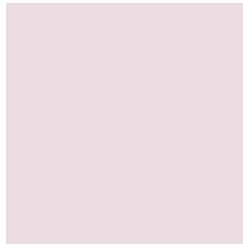
19.5456, 10.0209, 3.4086



1.5724, 0.8019, 0.4654

Previews

White Background



This preview shows how the XYZ color 72.9153, 74.4184, 81.0421 looks on a white background.

Color Contrast Check

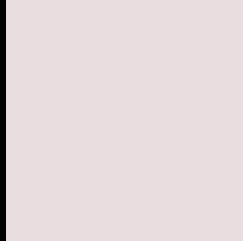
Large Text (above 18pt) WCAG AA × Fail

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 72.9153, 74.4184, 81.0421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

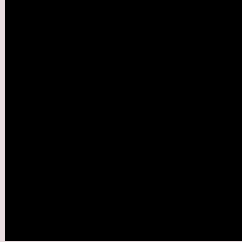
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

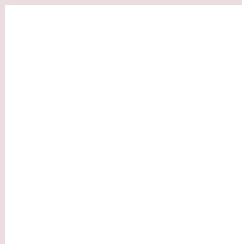
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9153, 74.4184, 81.0421

Background



This preview shows how black text looks on a background with the XYZ color 72.9153, 74.4184, 81.0421.

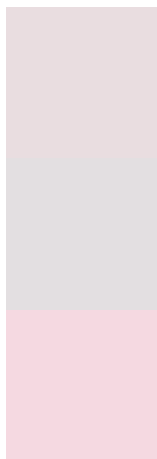


This preview shows how white text looks on a background with the XYZ color 72.9153, 74.4184,

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

72.9153, 74.4184, 81.0421

Protanopia

71.6568, 74.5425, 81.8456

Deuteranopia

76.0596, 74.4744, 81.6004



Tritanopia

74.7328, 74.3813, 89.7751

Trichromacy



Original Color

72.9153, 74.4184, 81.0421

Protanomaly

72.0250, 74.3368, 81.7865

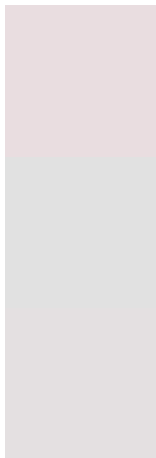
Deuteranomaly

74.9376, 74.2798, 81.6220

Tritanomaly

74.0904, 74.5050, 86.8199

Monochromacy



Original Color

72.9153, 74.4184, 81.0421

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.2412, 75.2415, 81.9497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9153, 74.4184, 81.0421 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(233, 221, 224) looks like.

```
.text, #text, p{  
    color:rgb(233, 221, 224)  
}
```

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(233, 221, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 221, 224) }
```

Border

The CSS property to change the border of an element to XYZ 72.9153, 74.4184, 81.0421 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(233, 221, 224) }
```


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

```
.border{ border-color:rgb(233, 221, 224) }
```

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

Here you see how a box with a 4 pixel rgb(233, 221, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 221, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 221, 224);  
box-shadow:4px 4px 4px 4px rgb(233, 221,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9153, 74.4184, 81.0421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 221, 224) }
```

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

```
.background{ background-color: rgb(233,  
221, 224) }
```

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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