

Converting Colors

XYZ(71.7746, 72.2326, 78.6271)

Have a look what the booklet for
XYZ(71.7746, 72.2326, 78.6271)
contains.

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Color

**XYZ(71.7957, 72.3386,
78.5853)**

Conversions

Conversions Part 1

Format	Color
Hex	EAD9DD
RGB	234, 217, 221
RGB Percent	92%, 85%, 87%
CMY	0.0823, 0.1490, 0.1333
CMYK	0.00, 0.07, 0.06, 0.08
HSL	346°, 29%, 88%
HSV	346°, 7%, 92%
XYZ	71.7957, 72.3386, 78.5853
YIQ	222.5390, 8.8480, 4.8480

Conversions

Conversions Part 2

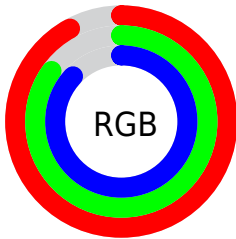
Format	Color
RYB	234, 217, 221
Decimal	15391197
CIELab	88.13, 6.52, 0.14
CIELCh	88, 6.521, 1.197
Yxy	72.3386, 0.3224, 0.3248
Android (android.graphics.Color)	4293581277 (0xFFEAD9DD)
YUV	222.5390, -0.7587, 10.0513
Hunter-Lab	85.0521, 1.8374, 4.7545

Details

The XYZ color **71.7957, 72.3386, 78.5853** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.3238, 79.3124, 86.3638**, and the grayscale version is **69.8149, 73.4507, 79.9878**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1634, 38.0588, 41.4111** is the 20% darker color. If you saturate the color by 10%, you get **63.9280, 60.2175, 64.8181**, and if you desaturate by 10%, it is **80.7770, 86.2780, 93.9798**.

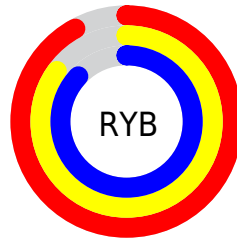
Distribution



Red (92%)

Green (85%)

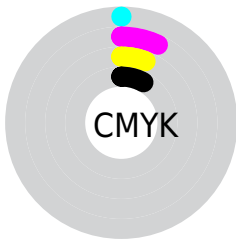
Blue (87%)



Red (92%)

Yellow (85%)

Blue (87%)

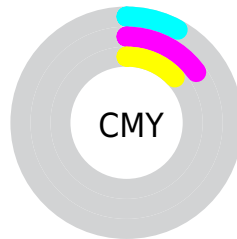


Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (8%)



Cyan (8%)

Magenta (15%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7957, 72.3386, 78.5853 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 71.7957, 72.3386, 78.5853 by changing the saturation by 10% instead.

71.7957, 72.3386,
78.5853

71.7957, 72.3386,
78.5853

455.9989,
468.7193, 509.7328

53.2767, 53.4353,
58.0356

120.7784,
122.5378, 133.1683

38.2520, 38.1504,
41.4224

151.9728,
154.6025, 168.0386

26.3565, 26.0994,
28.3271

188.1230,
191.8232, 208.5196

17.2246, 16.8980,
18.3312

229.5944,
234.5842, 255.0297

10.4910, 10.1618,
11.0161

276.7523,
283.2699, 307.9876

5.7905, 5.5064,
5.9634

329.9621,

2.7575, 2.5473,

338.2647, 367.8117

2.7544

389.5892,
399.9530, 434.9206

■ 1.0269, 0.9003,
0.9706

■ 0.0000, 0.0000,
0.0000

■ 71.7957, 72.3386,
78.5853

■ 71.7957, 72.3386,
78.5853

■ 63.9280, 60.2175,
64.8181

■ 80.7770, 86.2780,
93.9798

■ 57.1239, 49.8306,
52.6198

■ 87.7421, 96.2326,
108.5580

■ 51.3390, 41.1009,
41.9352

■ 46.5229, 33.9422,
32.7042

■ 42.6211, 28.2605,
24.8626

■ 39.5736, 23.9513,
18.3410

■ 37.3127, 20.8968,
13.0639

■ 35.7599, 18.9587,
8.9474

■ 34.8150, 17.9570,
5.8943

Harmonies

Analogous

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



71.4154, 72.3386, 82.9726



71.7957, 72.3386, 78.5853



71.3512, 72.3386, 74.4017

Triad

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



71.7957, 72.3386, 78.5853



67.2150, 72.3386, 71.6483



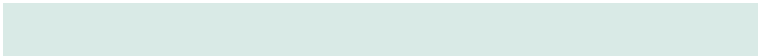
67.3218, 72.3386, 86.5275

Complementary

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



71.7957, 72.3386, 78.5853



72.3238, 79.3124, 86.3638

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.



66.2238, 72.3386, 83.2944



71.7957, 72.3386, 78.5853



66.1628, 72.3386, 74.7011

Square

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



71.7957, 72.3386, 78.5853



68.6931, 72.3386, 70.4911



65.8027, 72.3386, 78.9438



68.8183, 72.3386, 87.6610

Rectangle

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



71.7957, 72.3386, 78.5853



70.6508, 72.3386, 72.2632



65.8027, 72.3386, 78.9438



66.8947, 72.3386, 85.6444

Sweetspot

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



71.7977, 72.3418, 78.5869



92.8228, 96.5404, 105.0906



72.2195, 72.3512, 88.0017



19.8912, 20.6998, 22.5337



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.



71.7977, 72.3418, 78.5869



85.4620, 85.1419, 92.3924



72.3809, 74.3501, 76.1855



15.2106, 15.1121, 16.3943



19.4959, 10.0011, 3.1469



1.5673, 0.7999, 0.4388

Inverse Universe

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



71.7977, 72.3418, 78.5869



85.4620, 85.1419, 92.3924



71.6963, 77.1491, 88.9553



15.2106, 15.1121, 16.3943



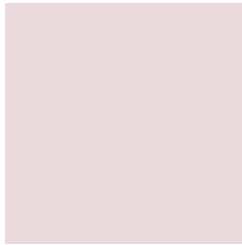
19.4959, 10.0011, 3.1469



1.5673, 0.7999, 0.4388

Previews

White Background



This preview shows how the XYZ color 71.7957, 72.3386, 78.5853 looks on a white background.

Color Contrast Check

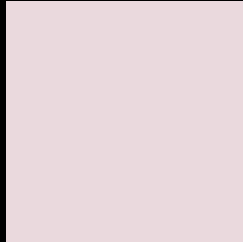
Large Text (above 18pt) WCAG AA × Fail

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 71.7957, 72.3386, 78.5853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

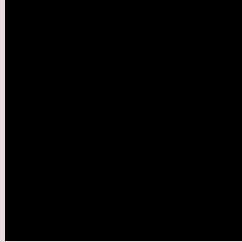
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

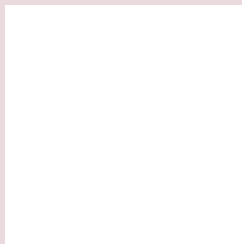
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.7957, 72.3386, 78.5853

Background



This preview shows how black text looks on a background with the XYZ color 71.7957, 72.3386, 78.5853.

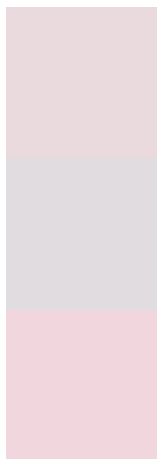


This preview shows how white text looks on a background with the XYZ color 71.7957, 72.3386,

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

71.7957, 72.3386, 78.5853

Protanopia

69.6530, 72.3614, 80.1081

Deuteranopia

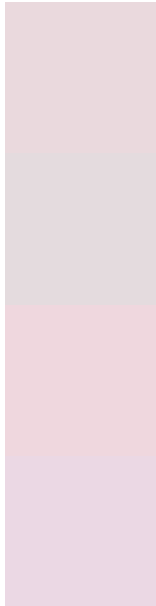
73.8493, 72.2443, 79.1595



Tritanopia

73.4580, 72.2599, 86.4198

Trichromacy



Original Color

71.7957, 72.3386, 78.5853

Protanomaly

70.5112, 72.4309, 79.3715

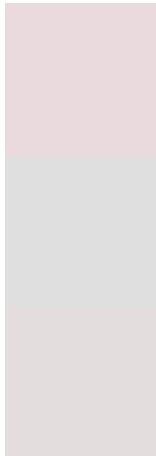
Deuteranomaly

73.0819, 72.2255, 79.1963

Tritanomaly

72.8204, 72.3753, 83.5306

Monochromacy



Original Color

71.7957, 72.3386, 78.5853

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.7198, 73.3177, 79.5316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7957, 72.3386, 78.5853 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(234, 217, 221) looks like.

```
.text, #text, p{  
    color:rgb(234, 217, 221)  
}
```

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(234, 217, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 217, 221) }
```

Border

The CSS property to change the border of an element to XYZ 71.7957, 72.3386, 78.5853 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(234, 217, 221) }
```


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

```
.border{ border-color:rgb(234, 217, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 217, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 217, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 217, 221);  
box-shadow:4px 4px 4px 4px rgb(234, 217,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7957, 72.3386, 78.5853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 217, 221) }
```

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

```
.background{ background-color: rgb(234,  
217, 221) }
```

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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