

Converting Colors

XYZ(72.1186, 75.1431, 82.2041)

Have a look what the booklet for
XYZ(72.1186, 75.1431, 82.2041)
contains.

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Color

**XYZ(72.2412, 75.2415,
81.9497)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E0E1
RGB	228, 224, 225
RGB Percent	89%, 88%, 88%
CMY	0.1059, 0.1215, 0.1176
CMYK	0.00, 0.02, 0.01, 0.11
HSL	345°, 7%, 89%
HSV	345°, 2%, 89%
XYZ	72.2412, 75.2415, 81.9497
YIQ	225.3100, 2.0630, 1.1590

Conversions

Conversions Part 2

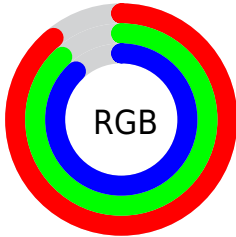
Format	Color
R _Y B	228, 224, 225
Decimal	14999777
CIE Lab	89.51, 1.53, -0.02
CIE LCh	90, 1.535, 359.323
Yxy	75.2415, 0.3149, 0.3279
Android (android.graphics.Color)	4293189857 (0xFFE4E0E1)
YUV	225.3100, -0.1528, 2.3591
Hunter-Lab	86.7419, -3.1381, 4.7048

Details

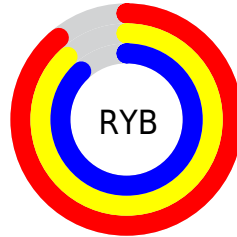
The XYZ color **72.2412, 75.2415, 81.9497** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.3518, 76.8822, 83.7033**, and the grayscale version is **71.7929, 75.5317, 82.2540**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6772, 40.1625, 43.7438** is the 20% darker color. If you saturate the color by 10%, you get **64.3010, 62.9117, 68.3547**, and if you desaturate by 10%, it is **81.2415, 89.3148, 97.0548**.

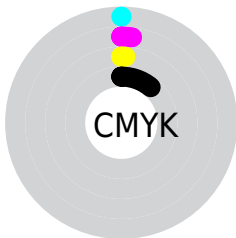
Distribution



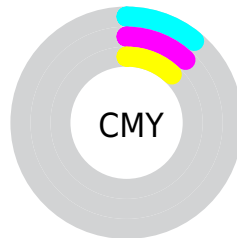
- Red (89%)
- Green (88%)
- Blue (88%)



- Red (89%)
- Yellow (88%)
- Blue (88%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.2412, 75.2415, 81.9497 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 72.2412, 75.2415, 81.9497 by changing the saturation by 10% instead.

■ 72.2412, 75.2415,
81.9497

■ 72.2412, 75.2415,
81.9497

457.5253,
478.7472, 521.3585

■ 53.6419, 55.8108,
60.7885

121.4083,
126.6542, 137.9395

■ 38.5450, 40.0512,
43.6251

152.7069,
159.4049, 173.6052

■ 26.5851, 27.5785,
30.0408

188.9692,
197.3643, 214.9428

■ 17.3968, 18.0082,
19.6173

230.5607,
240.9170, 262.3709

■ 10.6149, 10.9558,
11.9358

277.8467,
290.4472, 316.3079

■ 5.8739, 6.0371,
6.5780

331.1926,

■ 2.8085, 2.8677,

346.3394, 377.1725

3.1252

390.9637,
408.9779, 445.3832

■ 1.0533, 1.0630,
1.1589

■ 0.0000, 0.0000,
0.0000

■ 72.2412, 75.2415,
81.9497

■ 72.2412, 75.2415,
81.9497

■ 64.3010, 62.9117,
68.3547

■ 81.2415, 89.3148,
97.0548

■ 57.3751, 52.2479,
56.2179

■ 85.8054, 95.2342,
108.4674

■ 51.4238, 43.1812,
45.4916

■ 46.4025, 35.6344,
36.1236

■ 42.2628, 29.5235,
28.0584

■ 38.9519, 24.7565,
21.2366

■ 36.4111, 21.2306,
15.5940

■ 34.5738, 18.8280,
11.0599

■ 33.3609, 17.4077,
7.5553

Harmonies

Analogous

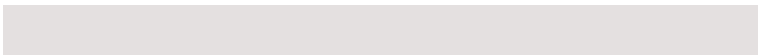
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.1393, 75.2415, 82.9877



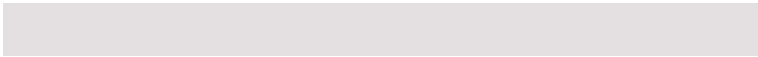
72.2412, 75.2415, 81.9497



72.1479, 75.2415, 80.9139

Triad

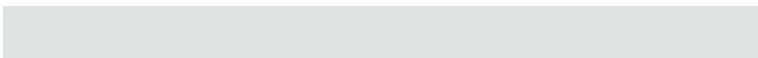
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.2412, 75.2415, 81.9497



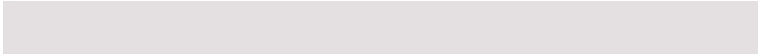
71.1608, 75.2415, 80.1306



71.1460, 75.2415, 83.7215

Complementary

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



72.2412, 75.2415, 81.9497



72.3518, 76.8822, 83.7033

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.



70.8854, 75.2415, 82.9449



72.2412, 75.2415, 81.9497



70.8939, 75.2415, 80.8718

Square

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



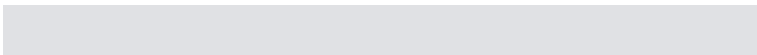
72.2412, 75.2415, 81.9497



71.5233, 75.2415, 79.8693



70.7933, 75.2415, 81.9007



71.5062, 75.2415, 84.0161

Rectangle

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



72.2412, 75.2415, 81.9497



71.9877, 75.2415, 80.3627



70.7933, 75.2415, 81.9007



71.0439, 75.2415, 83.5078

Sweetspot

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



72.2433, 75.2447, 81.9513



93.9352, 98.2611, 107.0155



72.3403, 75.2470, 84.1114



20.1177, 21.0502, 22.9256



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.



72.2433, 75.2447, 81.9513



92.8342, 96.5449, 105.1506



72.3771, 75.7292, 81.3273



15.8641, 16.5098, 17.9814



18.9391, 9.7099, 3.3083



1.4361, 0.7321, 0.4368

Inverse Universe

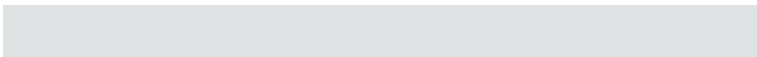
The Inverse Universe completely reimagines the original color for something new.



72.2433, 75.2447, 81.9513



92.8342, 96.5449, 105.1506



72.2157, 76.3892, 84.3384



15.8641, 16.5098, 17.9814



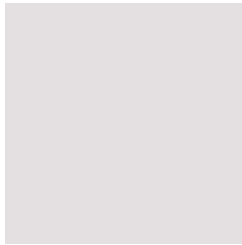
18.9391, 9.7099, 3.3083



1.4361, 0.7321, 0.4368

Previews

White Background



This preview shows how the XYZ color 72.2412, 75.2415, 81.9497 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 72.2412, 75.2415, 81.9497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

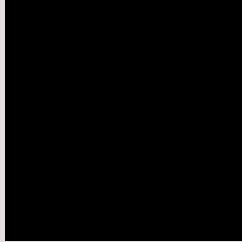
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

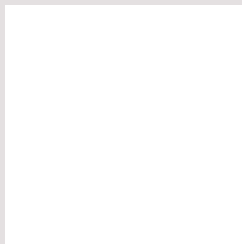
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.2412, 75.2415, 81.9497

Background



This preview shows how black text looks on a background with the XYZ color 72.2412, 75.2415, 81.9497.



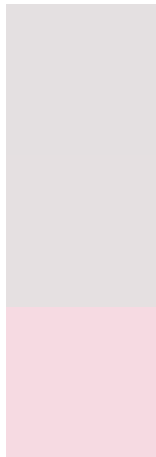
This preview shows how white text looks on a background with the XYZ color 72.2412, 75.2415, 81.9497.

81.9497.

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

72.2412, 75.2415, 81.9497

Protanopia

72.5594, 75.4056, 81.9646

Deuteranopia

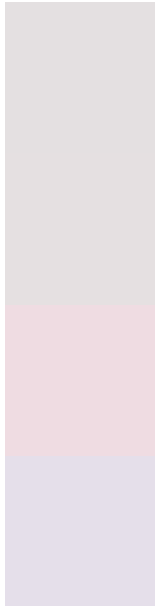
76.8049, 75.2266, 82.4236



Tritanopia

74.3344, 75.2975, 92.2774

Trichromacy



Original Color

72.2412, 75.2415, 81.9497

Protanomaly

72.5594, 75.4056, 81.9646

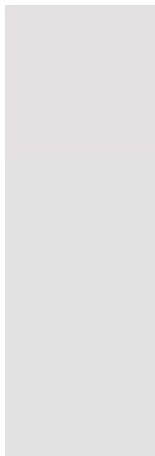
Deuteranomaly

74.9173, 75.0281, 82.4848

Tritanomaly

73.5521, 75.3739, 88.5139

Monochromacy



Original Color

72.2412, 75.2415, 81.9497

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.8799, 75.4554, 82.0100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2412, 75.2415, 81.9497 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(228, 224, 225) looks like.

```
.text, #text, p{  
    color:rgb(228, 224, 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(228, 224, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 224, 225) }
```

Border

The CSS property to change the border of an element to XYZ 72.2412, 75.2415, 81.9497 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(228, 224, 225) }
```


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

```
.border{ border-color:rgb(228, 224, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 224, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 224, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 224, 225);  
box-shadow:4px 4px 4px 4px rgb(228, 224,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2412, 75.2415, 81.9497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 224, 225) }
```

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

```
.background{ background-color: rgb(228,  
224, 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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