

Converting Colors

XYZ(72.5532, 76.9425, 79.3895)

Have a look what the booklet for
XYZ(72.5532, 76.9425, 79.3895)
contains.

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Color

**XYZ(72.7895, 77.2012,
79.4715)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E4DD
RGB	228, 228, 221
RGB Percent	89%, 89%, 87%
CMY	0.1059, 0.1059, 0.1333
CMYK	0.00, 0.00, 0.03, 0.11
HSL	60°, 11%, 88%
HSV	60°, 3%, 89%
XYZ	72.7895, 77.2012, 79.4715
YIQ	227.2020, 2.2470, -2.1770

Conversions

Conversions Part 2

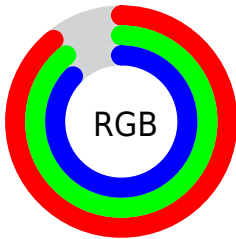
Format	Color
R _Y B	221, 228, 221
Decimal	15000797
CIE Lab	90.41, -1.23, 3.40
CIE LCh	90, 3.615, 109.862
Yxy	77.2012, 0.3172, 0.3364
Android (android.graphics.Color)	4293190877 (0xFFE4E4DD)
YUV	227.2020, -3.0576, 0.6998
Hunter-Lab	87.8642, -5.8873, 7.8783

Details

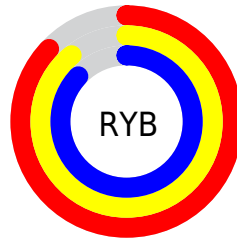
The XYZ color **72.7895, 77.2012, 79.4715** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.6816, 72.6885, 83.7603**, and the grayscale version is **73.1829, 76.9941, 83.8466**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0601, 41.5246, 42.0327** is the 20% darker color. If you saturate the color by 10%, you get **69.9527, 76.0685, 64.5436**, and if you desaturate by 10%, it is **76.0432, 78.5056, 96.5757**.

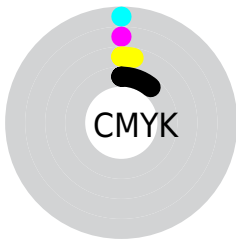
Distribution



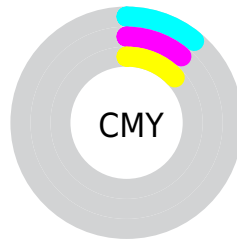
- Red (89%)
- Green (89%)
- Blue (87%)



- Red (87%)
- Yellow (89%)
- Blue (87%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.7895, 77.2012, 79.4715 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 72.7895, 77.2012, 79.4715 by changing the saturation by 10% instead.

■ 72.7895, 77.2012,
79.4715

■ 72.7895, 77.2012,
79.4715

459.4000,
485.4497, 512.8097

■ 54.0916, 57.4180,
58.7599

122.1831,
129.4235, 134.4271

■ 38.9059, 41.3410,
42.0012

153.6095,
162.6313, 169.5082

■ 26.8669, 28.5856,
28.7766

190.0094,
201.0829, 210.2163

■ 17.6094, 18.7676,
18.6678

231.7483,
245.1625, 256.9699

■ 10.7679, 11.5024,
11.2561

279.1915,
295.2546, 310.1874

■ 5.9771, 6.4059,
6.1230

332.7042,

■ 2.8717, 3.0934,

351.7436, 370.2876

2.8500

392.6520,
415.0138, 437.6888

■ 1.0863, 1.1807,
1.0186

■ 0.0136, 0.0458,
0.0000

■ 72.7895, 77.2012,
79.4715

■ 72.7895, 77.2012,
79.4715

■ 69.9527, 76.0685,
64.5436

■ 76.0432, 78.5056,
96.5757

■ 67.5099, 75.0910,
51.6999

■ 77.7980, 79.2079,
105.7960

■ 65.4456, 74.2648,
40.8493

■ 77.8018, 79.2099,
105.7962

■ 63.7408, 73.5824,
31.8919

■ 77.8056, 79.2119,
105.7964

62.3749, 73.0356,
24.7194

77.8095, 79.2139,
105.7965

61.3253, 72.6154,
19.2123

77.8133, 79.2158,
105.7967

60.5666, 72.3114,
15.2366

77.8171, 79.2178,
105.7969

60.0692, 72.1120,
12.6377

77.8209, 79.2198,
105.7971

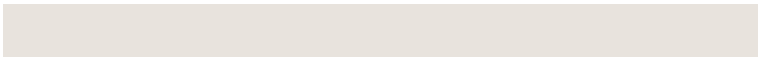
59.7979, 72.0030,
11.2286

77.8248, 79.2218,
105.7973

Harmonies

Analogous

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



73.6833, 77.2012, 79.2617



72.7895, 77.2012, 79.4715



72.0589, 77.2012, 80.8962

Triad

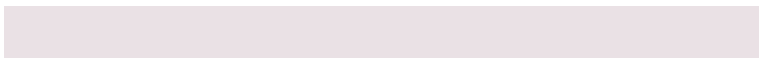
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7895, 77.2012, 79.4715



72.2646, 77.2012, 87.9154



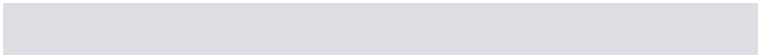
75.0987, 77.2012, 84.9367

Complementary

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



72.7895, 77.2012, 79.4715



69.6816, 72.6885, 83.7603

Split Complementary

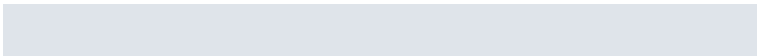
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.7119, 77.2012, 87.3031



72.7895, 77.2012, 79.4715



73.0724, 77.2012, 89.0460

Square

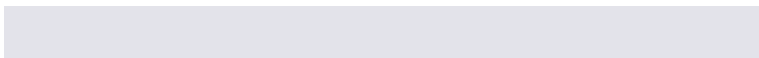
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.7895, 77.2012, 79.4715



71.7576, 77.2012, 85.7586



73.9685, 77.2012, 88.8197



75.0214, 77.2012, 82.3820

Rectangle

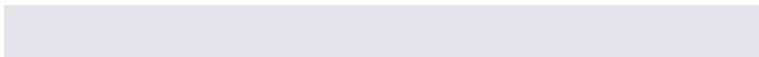
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.7895, 77.2012, 79.4715



71.7604, 77.2012, 82.3598



73.9685, 77.2012, 88.8197



75.0185, 77.2012, 85.7814

Sweetspot

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



72.7917, 77.2045, 79.4732



94.6416, 99.8366, 106.7520



70.9048, 73.4292, 78.8439



20.2615, 21.3709, 22.8720



0.0000, 0.0000, 0.0000



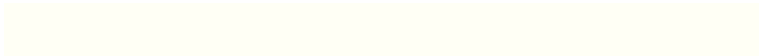
20.3446, 21.4041, 23.3091

Same Dimension

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



72.7917, 77.2045, 79.4732



93.4489, 99.3593, 100.4792



71.6930, 76.6382, 79.4218



15.9003, 16.9366, 16.9026



34.4734, 41.5531, 6.2036



2.5477, 3.0708, 0.4584

Inverse Universe

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



69.6816, 72.6885, 83.7603



88.2303, 91.7814, 107.6731



70.7580, 73.2434, 83.8107



14.8587, 15.4242, 18.3384



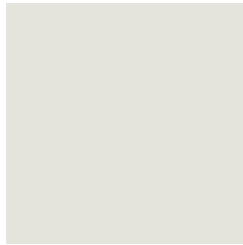
8.0874, 3.2351, 42.5814



0.5979, 0.2392, 3.1466

Previews

White Background



This preview shows how the XYZ color 72.7895, 77.2012, 79.4715 looks on a white background.

Color Contrast Check

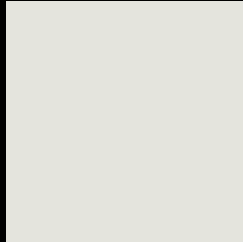
Large Text (above 18pt) WCAG AA × Fail

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 72.7895, 77.2012, 79.4715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

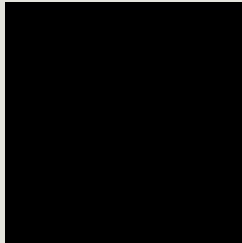
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

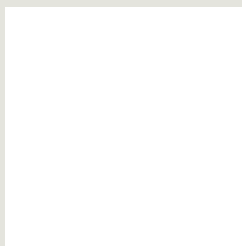
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.7895, 77.2012, 79.4715

Background



This preview shows how black text looks on a background with the XYZ color 72.7895, 77.2012, 79.4715.



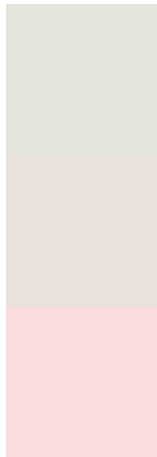
This preview shows how white text looks on a background with the XYZ color 72.7895, 77.2012,

79.4715.

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

72.7895, 77.2012, 79.4715

Protanopia

73.7189, 76.8837, 78.6648

Deuteranopia

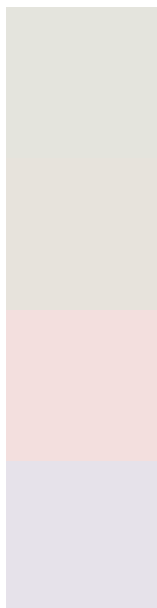
78.6961, 77.0233, 80.5313



Tritanopia

75.9072, 77.2502, 94.9144

Trichromacy



Original Color

72.7895, 77.2012, 79.4715

Protanomaly

73.3423, 77.0944, 78.7253

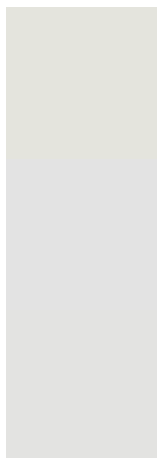
Deuteranomaly

76.5346, 77.1040, 79.9560

Tritanomaly

74.6808, 77.1562, 88.7984

Monochromacy



Original Color

72.7895, 77.2012, 79.4715

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.7382, 76.7053, 82.2061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7895, 77.2012, 79.4715 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, 228, 221) looks like.

```
.text, #text, p{  
    color:rgb(228, 228, 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(228, 228, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 228, 221) }
```

Border

The CSS property to change the border of an element to XYZ 72.7895, 77.2012, 79.4715 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, 228, 221) }
```


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

```
.border{ border-color:rgb(228, 228, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 228, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 228, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 228, 221);  
box-shadow:4px 4px 4px 4px rgb(228, 228,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7895, 77.2012, 79.4715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 228, 221) }
```

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

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