

Converting Colors

XYZ(72.5951, 75.3926, 79.8228)

Have a look what the booklet for
XYZ(72.5951, 75.3926, 79.8228)
contains.

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Color

**XYZ(72.7955, 75.5742,
79.8578)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E0DE
RGB	231, 224, 222
RGB Percent	91%, 88%, 87%
CMY	0.0941, 0.1215, 0.1294
CMYK	0.00, 0.03, 0.04, 0.09
HSL	13°, 16%, 89%
HSV	13°, 4%, 91%
XYZ	72.7955, 75.5742, 79.8578
YIQ	225.8650, 4.8140, 0.8620

Conversions

Conversions Part 2

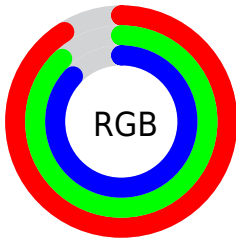
Format	Color
R _Y B	231, 225, 222
Decimal	15196382
CIE Lab	89.66, 2.03, 1.81
CIE LCh	90, 2.720, 41.745
Yxy	75.5742, 0.3190, 0.3311
Android (android.graphics.Color)	4293386462 (0xFFE7E0DE)
YUV	225.8650, -1.9054, 4.5034
Hunter-Lab	86.9334, -2.6628, 6.3891

Details

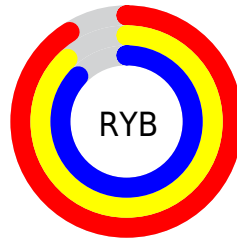
The XYZ color **72.7955, 75.5742, 79.8578** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.5673, 77.3366, 86.7051**, and the grayscale version is **72.2040, 75.9642, 82.7250**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8422, 40.2799, 42.2868** is the 20% darker color. If you saturate the color by 10%, you get **65.3359, 65.2744, 63.1285**, and if you desaturate by 10%, it is **81.1932, 87.0696, 98.9944**.

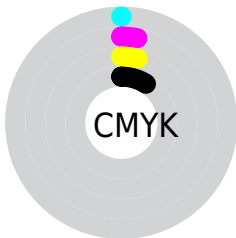
Distribution



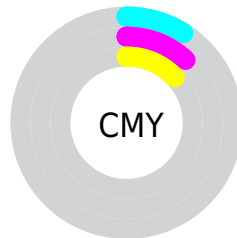
- Red (91%)
- Green (88%)
- Blue (87%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.7955, 75.5742, 79.8578 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 72.7955, 75.5742, 79.8578 by changing the saturation by 10% instead.

■ 72.7955, 75.5742,
79.8578

■ 72.7955, 75.5742,
79.8578

459.4205,
479.8889, 514.1476

■ 54.0965, 56.0834,
59.0759

122.1915,
127.1248, 134.9754

■ 38.9098, 40.2698,
42.2538

153.6194,
159.9535, 170.1481

■ 26.8700, 27.7490,
28.9730

190.0208,
197.9969, 210.9548

■ 17.6117, 18.1365,
18.8150

231.7613,
241.6394, 257.8141

■ 10.7696, 11.0480,
11.3612

279.2062,
291.2655, 311.1445

■ 5.9782, 6.0992,
6.1931

332.7207,

■ 2.8724, 2.9055,

347.2595, 371.3645

2.8922

392.6704,
410.0058, 438.8927

■ 1.0866, 1.0826,
1.0398

■ 0.0139, 0.0000,
0.0000

■ 72.7955, 75.5742,
79.8578

■ 72.7955, 75.5742,
79.8578

■ 65.3359, 65.2744,
63.1285

■ 81.1932, 87.0696,
98.9944

■ 58.7753, 56.1220,
48.7061

■ 86.7654, 95.7292,
108.5123

■ 53.0809, 48.0798,
36.4904

■ 48.2154, 41.1051,
26.3718

■ 44.1391, 35.1523,
18.2313

■ 40.8085, 30.1724,
11.9380

■ 38.1758, 26.1122,
7.3448

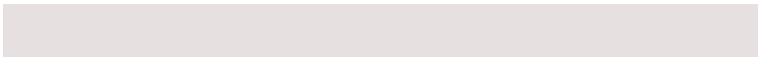
■ 36.1872, 22.9133,
4.2823

■ 34.7797, 20.5098,
2.5447

Harmonies

Analogous

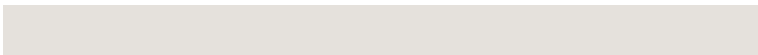
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.0984, 75.5742, 81.5395



72.7955, 75.5742, 79.8578



72.2349, 75.5742, 78.8367

Triad

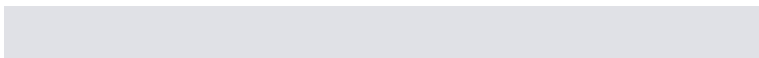
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7955, 75.5742, 79.8578



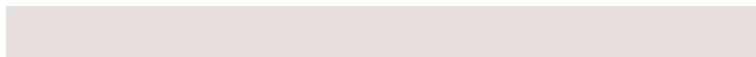
70.6158, 75.5742, 81.1383



72.0933, 75.5742, 85.9490

Complementary

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



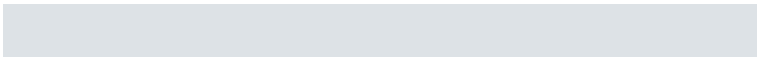
72.7955, 75.5742, 79.8578



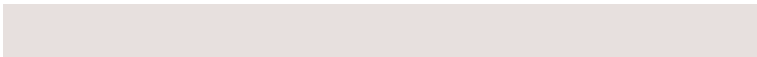
72.5673, 77.3366, 86.7051

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.



71.4286, 75.5742, 85.8375



72.7955, 75.5742, 79.8578



70.5784, 75.5742, 83.0400

Square

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



72.7955, 75.5742, 79.8578



70.9776, 75.5742, 79.5680



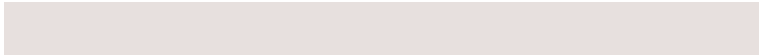
70.8751, 75.5742, 84.7659



72.6913, 75.5742, 85.0682

Rectangle

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



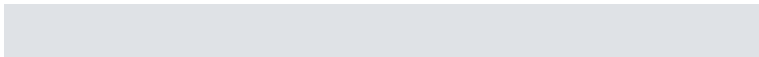
72.7955, 75.5742, 79.8578



71.7918, 75.5742, 78.6582



70.8751, 75.5742, 84.7659



71.8702, 75.5742, 86.0267

Sweetspot

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



72.7976, 75.5775, 79.8594



94.0130, 98.5786, 106.5424



73.2272, 74.8926, 84.7626



20.1336, 21.1149, 22.8293



0.0000, 0.0000, 0.0000



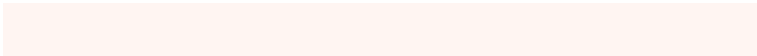
20.3446, 21.4041, 23.3091

Same Dimension

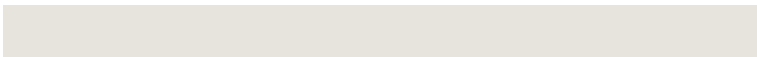
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.7976, 75.5775, 79.8594



89.9840, 93.0446, 97.4181



74.0082, 77.9987, 80.2630



15.2482, 15.7302, 16.3823



19.2253, 11.0248, 1.1147



1.4890, 0.9514, 0.1052

Inverse Universe

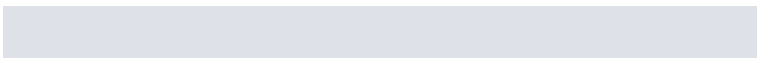
The Inverse Universe completely reimagines the original color for something new.



72.5673, 77.3366, 86.7051



89.6148, 95.8635, 108.3880



71.3528, 74.9077, 86.3002



15.1774, 16.2705, 18.4849



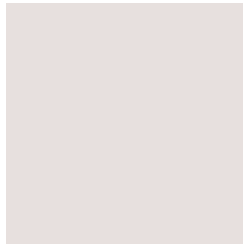
17.2831, 21.6283, 45.6469



1.3444, 1.7327, 3.3956

Previews

White Background



This preview shows how the XYZ color 72.7955, 75.5742, 79.8578 looks on a white background.

Color Contrast Check

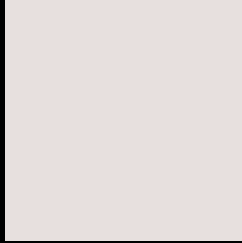
Large Text (above 18pt) WCAG AA × Fail

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 72.7955, 75.5742, 79.8578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

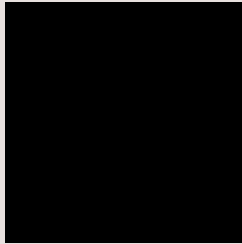
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

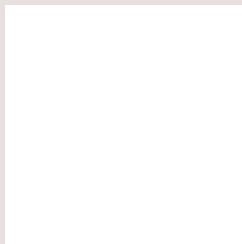
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.7955, 75.5742, 79.8578

Background



This preview shows how black text looks on a background with the XYZ color 72.7955, 75.5742, 79.8578.



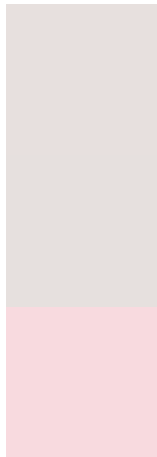
This preview shows how white text looks on a background with the XYZ color 72.7955, 75.5742,

79.8578.

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

72.7955, 75.5742, 79.8578

Protanopia

72.4736, 75.4082, 79.8427

Deuteranopia

77.1021, 75.4270, 80.3072



Tritanopia

75.0407, 75.2685, 92.2346

Trichromacy



Original Color

72.7955, 75.5742, 79.8578

Protanomaly

72.4736, 75.4082, 79.8427

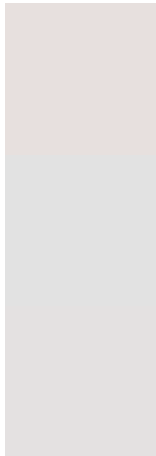
Deuteranomaly

75.5304, 75.3914, 80.3831

Tritanomaly

74.1080, 75.2815, 87.7157

Monochromacy



Original Color

72.7955, 75.5742, 79.8578

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.5107, 75.7807, 82.0396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7955, 75.5742, 79.8578 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, 224, 222) looks like.

```
.text, #text, p{  
    color:rgb(231, 224, 222)  
}
```

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, 224, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 224, 222) }
```

Border

The CSS property to change the border of an element to XYZ 72.7955, 75.5742, 79.8578 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, 224, 222) }
```


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

```
.border{ border-color:rgb(231, 224, 222) }
```

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

Here you see how a box with a 4 pixel rgb(231, 224, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 224, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 224, 222);  
box-shadow:4px 4px 4px 4px rgb(231, 224,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7955, 75.5742, 79.8578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 224, 222) }
```

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

```
.background{ background-color: rgb(231,  
224, 222) }
```

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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