

Converting Colors

XYZ(72.2655, 75.3622, 77.0672)

Have a look what the booklet for
XYZ(72.2655, 75.3622, 77.0672)
contains.

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Color

**XYZ(72.2655, 75.3622,
77.0672)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E0DA
RGB	231, 224, 218
RGB Percent	91%, 88%, 85%
CMY	0.0941, 0.1215, 0.1451
CMYK	0.00, 0.03, 0.06, 0.09
HSL	28°, 21%, 88%
HSV	28°, 6%, 91%
XYZ	72.2655, 75.3622, 77.0672
YIQ	225.4090, 6.0980, -0.3820

Conversions

Conversions Part 2

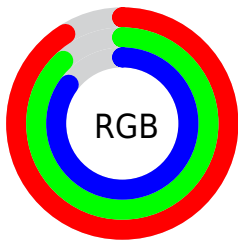
Format	Color
RYB	231, 229, 218
Decimal	15196378
CIELab	89.56, 1.34, 3.77
CIElCh	90, 3.998, 70.379
Yxy	75.3622, 0.3216, 0.3354
Android (android.graphics.Color)	4293386458 (0xFFE7E0DA)
YUV	225.4090, -3.6526, 4.9033
Hunter-Lab	86.8114, -3.3290, 8.1330

Details

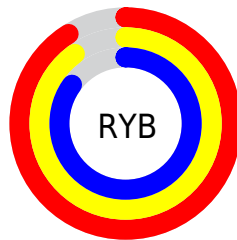
The XYZ color **72.2655, 75.3622, 77.0672** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.2623, 74.5240, 86.2834**, and the grayscale version is **71.8865, 75.6302, 82.3613**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4780, 40.1342, 40.3690** is the 20% darker color. If you saturate the color by 10%, you get **66.2318, 67.7994, 61.1672**, and if you desaturate by 10%, it is **78.9690, 83.5886, 95.2708**.

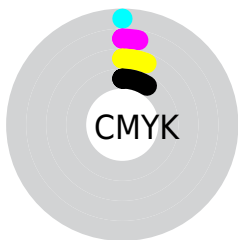
Distribution



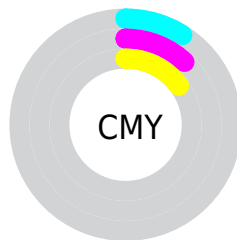
- Red (91%)
- Green (88%)
- Blue (85%)



- Red (91%)
- Yellow (90%)
- Blue (85%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (9%)



- Cyan (9%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.2655, 75.3622, 77.0672 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 72.2655, 75.3622, 77.0672 by changing the saturation by 10% instead.

■ 72.2655, 75.3622,
77.0672

■ 72.2655, 75.3622,
77.0672

457.6085,
479.1616, 504.4369

■ 53.6618, 55.9097,
56.7961

121.4427,
126.8249, 131.0082

■ 38.5610, 40.1305,
40.4333

152.7469,
159.6039, 165.5152

■ 26.5975, 27.6403,
27.5602

189.0154,
197.5939, 205.6047

■ 17.4062, 18.0547,
17.7583

230.6134,
241.1792, 251.6951

■ 10.6216, 10.9893,
10.6089

277.9064,
290.7442, 304.2049

■ 5.8784, 6.0596,
5.6937

331.2596,

■ 2.8113, 2.8814,

346.6733, 363.5528

2.5940

391.0386,
409.3510, 430.1573

■ 1.0547, 1.0701,
0.8893

■ 0.0000, 0.0000,
0.0000

■ 72.2655, 75.3622,
77.0672

■ 72.2655, 75.3622,
77.0672

■ 66.2318, 67.7994,
61.1672

■ 78.9690, 83.5886,
95.2708

■ 60.8392, 60.8731,
47.4729

■ 84.8400, 91.8785,
107.8705

■ 56.0658, 54.5685,
35.8867

■ 86.7653, 95.7291,
108.5123

■ 51.8862, 48.8664,
26.3015

■ 48.2727, 43.7467,
18.6008

■ 45.1954, 39.1877,
12.6558

■ 42.6207, 35.1659,
8.3214

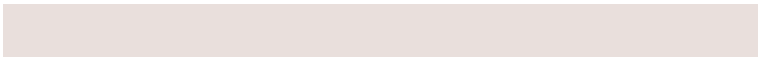
■ 40.5105, 31.6558,
5.4287

■ 38.8190, 28.6278,
3.7698

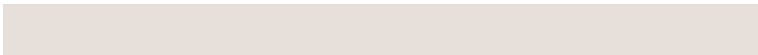
Harmonies

Analogous

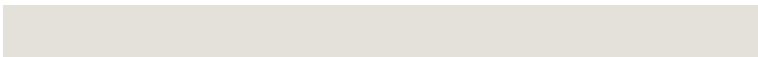
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.0777, 75.3622, 78.6027



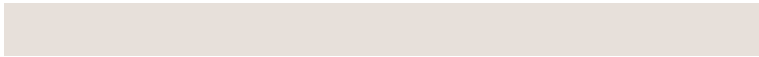
72.2655, 75.3622, 77.0672



71.2899, 75.3622, 76.8511

Triad

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



72.2655, 75.3622, 77.0672



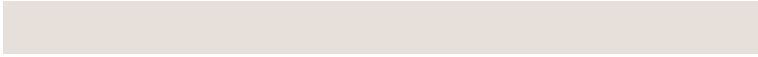
69.7880, 75.3622, 83.0348



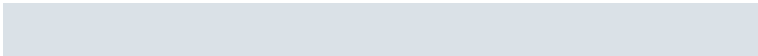
72.8598, 75.3622, 86.2458

Complementary

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



72.2655, 75.3622, 77.0672



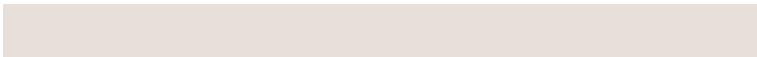
70.2623, 74.5240, 86.2834

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.



71.9702, 75.3622, 87.4921



72.2655, 75.3622, 77.0672



70.2006, 75.3622, 85.6103

Square

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



72.2655, 75.3622, 77.0672



69.8655, 75.3622, 80.2539



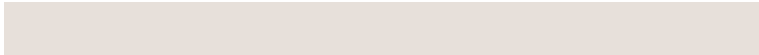
70.9973, 75.3622, 87.2569



73.4230, 75.3622, 83.8861

Rectangle

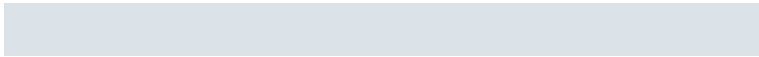
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.2655, 75.3622, 77.0672



70.6788, 75.3622, 77.4789



70.9973, 75.3622, 87.2569



72.5887, 75.3622, 86.8112

Sweetspot

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



72.2676, 75.3655, 77.0688



93.3703, 97.9373, 104.3429



71.6384, 72.5772, 81.5755



20.0027, 20.9843, 22.3814



0.0000, 0.0000, 0.0000



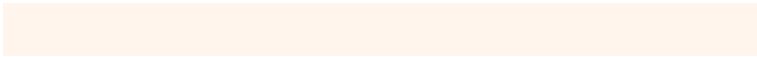
20.3446, 21.4041, 23.3091

Same Dimension

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



72.2676, 75.3655, 77.0688



89.3198, 92.9269, 93.4647



74.0051, 78.8404, 77.6480



15.1721, 15.7705, 15.7631



21.5259, 15.6260, 1.8816



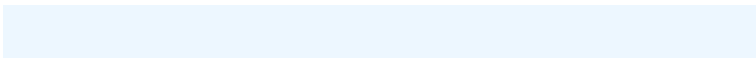
1.6828, 1.3389, 0.1697

Inverse Universe

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



70.2623, 74.5240, 86.2834



86.2112, 91.6225, 107.7488



68.5786, 71.1567, 85.7222



14.6041, 15.5322, 18.3726



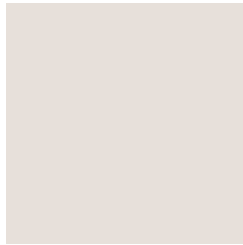
12.2742, 11.6105, 43.9773



0.9997, 1.0434, 3.2807

Previews

White Background



This preview shows how the XYZ color 72.2655, 75.3622, 77.0672 looks on a white background.

Color Contrast Check

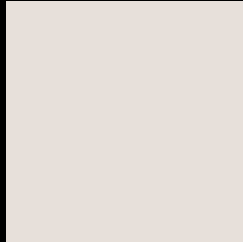
Large Text (above 18pt) WCAG AA × Fail

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 72.2655, 75.3622, 77.0672 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

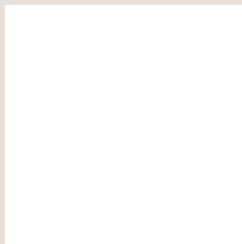
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.2655, 75.3622, 77.0672

Background



This preview shows how black text looks on a background with the XYZ color 72.2655, 75.3622, 77.0672.

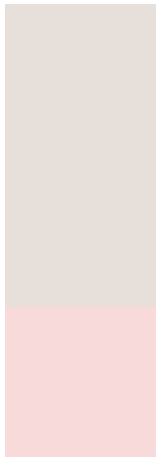


This preview shows how white text looks on a background with the XYZ color 72.2655, 75.3622,

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

72.2655, 75.3622, 77.0672

Protanopia

72.2655, 75.3622, 77.0672

Deuteranopia

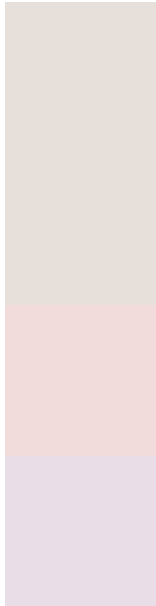
76.9245, 75.3970, 77.5166



Tritanopia

75.2208, 75.3784, 91.4738

Trichromacy



Original Color

72.2655, 75.3622, 77.0672

Protanomaly

72.2655, 75.3622, 77.0672

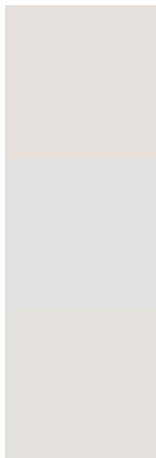
Deuteranomaly

74.9973, 75.1781, 77.5759

Tritanomaly

74.1494, 75.3357, 86.2345

Monochromacy



Original Color

72.2655, 75.3622, 77.0672

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.7886, 75.4552, 79.8879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2655, 75.3622, 77.0672 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, 218) looks like.

```
.text, #text, p{  
    color:rgb(231, 224, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 224, 218) }
```

Border

The CSS property to change the border of an element to XYZ 72.2655, 75.3622, 77.0672 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, 218) }
```


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

```
.border{ border-color:rgb(231, 224, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 224, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 224, 218); box-shadow:4px 4px 4px 4px rgb(231, 224, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2655, 75.3622, 77.0672 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, 218) }
```

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

```
.background{ background-color: rgb(231,  
224, 218) }
```

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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