

Converting Colors

XYZ(72.3615, 74.5751, 77.8127)

Have a look what the booklet for
XYZ(72.3615, 74.5751, 77.8127)
contains.

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Color

**XYZ(72.1862, 74.5128,
77.5956)**

Conversions

Conversions Part 1

Format	Color
Hex	E8DEDB
RGB	232, 222, 219
RGB Percent	91%, 87%, 86%
CMY	0.0902, 0.1294, 0.1412
CMYK	0.00, 0.04, 0.06, 0.09
HSL	14°, 22%, 88%
HSV	14°, 6%, 91%
XYZ	72.1862, 74.5128, 77.5956
YIQ	224.6480, 6.9230, 1.1870

Conversions

Conversions Part 2

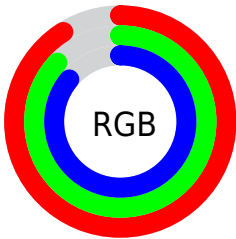
Format	Color
R _Y B	232, 223, 219
Decimal	15261403
CIE Lab	89.16, 2.89, 2.67
CIE LCh	89, 3.938, 42.755
Yxy	74.5128, 0.3218, 0.3322
Android (android.graphics.Color)	4293451483 (0xFFE8DEDB)
YUV	224.6480, -2.7845, 6.4477
Hunter-Lab	86.3208, -1.7899, 7.1275

Details

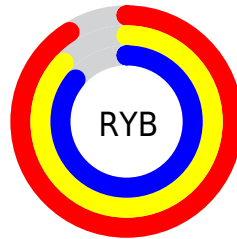
The XYZ color **72.1862, 74.5128, 77.5956** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.7982, 76.9238, 87.4086**, and the grayscale version is **71.3330, 75.0479, 81.7271**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4241, 39.5479, 40.7303** is the 20% darker color. If you saturate the color by 10%, you get **64.8528, 64.3973, 61.1179**, and if you desaturate by 10%, it is **80.4509, 85.8078, 96.4857**.

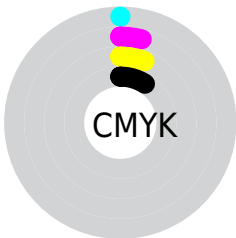
Distribution



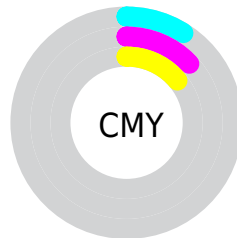
- Red (91%)
- Green (87%)
- Blue (86%)



- Red (91%)
- Yellow (87%)
- Blue (86%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (9%)



- Cyan (9%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.1862, 74.5128, 77.5956 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 72.1862, 74.5128, 77.5956 by changing the saturation by 10% instead.

72.1862, 74.5128,
77.5956

72.1862, 74.5128,
77.5956

457.3370,
476.2413, 506.2838

53.5968, 55.2139,
57.2274

121.3306,
125.6225, 131.7606

38.5088, 39.5730,
40.7772

152.6163,
158.2020, 166.3944

26.5568, 27.2057,
27.8267

188.8648,
195.9771, 206.6205

17.3755, 17.7278,
17.9571

230.4415,
239.3323, 252.8573

10.5995, 10.7547,
10.7501

277.7117,
288.6519, 305.5236

5.8635, 5.9022,
5.7870

331.0408,

2.8022, 2.7857,

344.3204, 365.0377

2.6493

390.7941,
406.7220, 431.8183

■ 1.0500, 1.0209,
0.9178

■ 0.0000, 0.0000,
0.0000

■ 72.1862, 74.5128,
77.5956

■ 72.1862, 74.5128,
77.5956

■ 64.8528, 64.3973,
61.1179

■ 80.4509, 85.8078,
96.4857

■ 58.4113, 55.4135,
46.9504

■ 87.0892, 95.8960,
108.5274

■ 52.8289, 47.5245,
34.9907

■ 48.0682, 40.6878,
25.1268

■ 44.0888, 34.8582,
17.2367

■ 40.8471, 29.9869,
11.1860

■ 38.2945, 26.0210,
6.8231

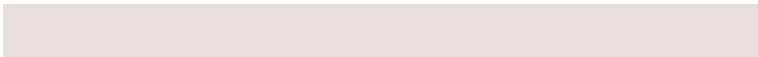
■ 36.3764, 22.9022,
3.9717

■ 35.0280, 20.5644,
2.4160

Harmonies

Analogous

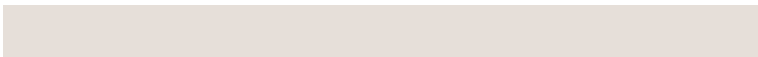
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.6378, 74.5128, 79.9702



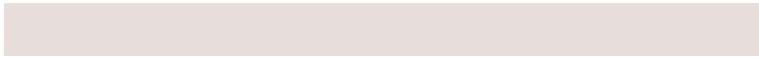
72.1862, 74.5128, 77.5956



71.3708, 74.5128, 76.1869

Triad

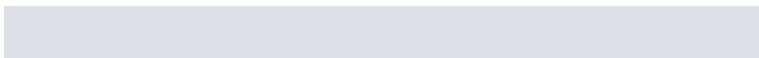
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.1862, 74.5128, 77.5956



69.0739, 74.5128, 79.5747



71.2305, 74.5128, 86.3978

Complementary

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



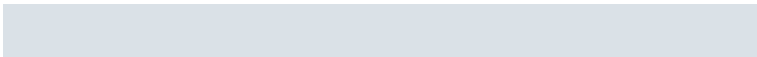
72.1862, 74.5128, 77.5956



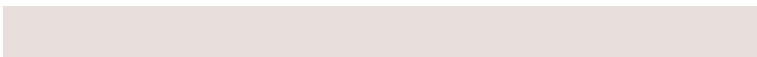
71.7982, 76.9238, 87.4086

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.



70.2764, 74.5128, 86.2861



72.1862, 74.5128, 77.5956



69.0371, 74.5128, 82.3046

Square

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



72.1862, 74.5128, 77.5956



69.5764, 74.5128, 77.3117



69.4755, 74.5128, 84.7738



72.0827, 74.5128, 85.0756

Rectangle

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



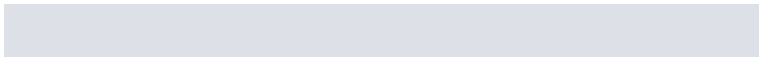
72.1862, 74.5128, 77.5956



70.7335, 74.5128, 75.9651



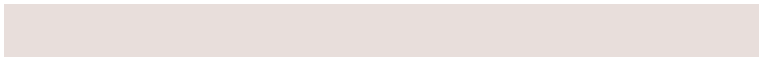
69.4755, 74.5128, 84.7738



70.9110, 74.5128, 86.5275

Sweetspot

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



72.1883, 74.5160, 77.5972



93.0013, 97.1992, 104.2199



72.7798, 73.4874, 84.6127



19.9276, 20.8340, 22.3564



0.0000, 0.0000, 0.0000



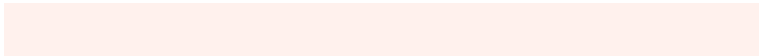
20.3446, 21.4041, 23.3091

Same Dimension

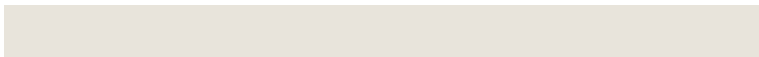
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.1883, 74.5160, 77.5972



88.0846, 90.4565, 93.0530



73.8966, 77.9326, 78.1666



14.9467, 15.3197, 15.6879



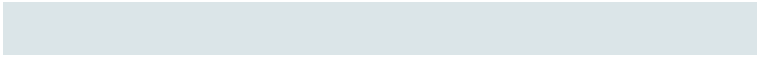
19.2765, 11.1272, 1.1318



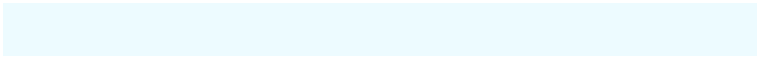
1.4941, 0.9616, 0.1069

Inverse Universe

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



71.7982, 76.9238, 87.4086



87.4834, 94.1669, 108.1729



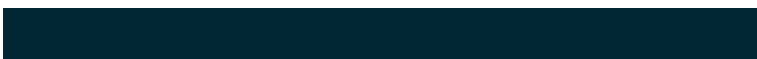
70.0831, 73.4937, 86.8369



14.8368, 15.9975, 18.4502



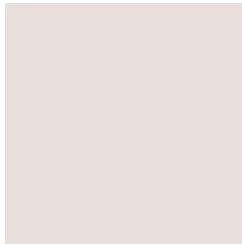
17.0680, 21.1981, 45.5752



1.3302, 1.7042, 3.3908

Previews

White Background



This preview shows how the XYZ color 72.1862, 74.5128, 77.5956 looks on a white background.

Color Contrast Check

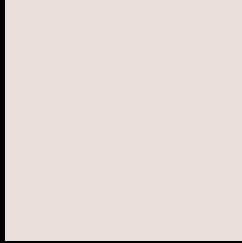
Large Text (above 18pt) WCAG AA × Fail

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 72.1862, 74.5128, 77.5956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

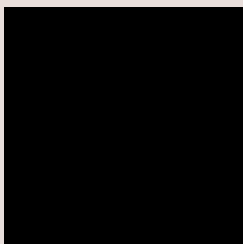
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

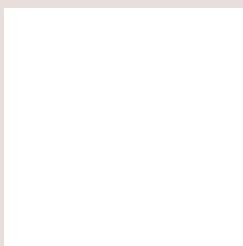
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.1862, 74.5128, 77.5956

Background



This preview shows how black text looks on a background with the XYZ color 72.1862, 74.5128, 77.5956.

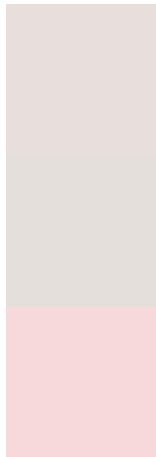


This preview shows how white text looks on a background with the XYZ color 72.1862, 74.5128,

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

72.1862, 74.5128, 77.5956

Protanopia

71.6190, 74.6007, 78.3348

Deuteranopia

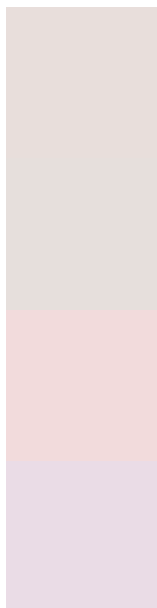
76.0889, 74.5672, 78.0927



Tritanopia

74.8785, 74.4396, 90.5425

Trichromacy



Original Color

72.1862, 74.5128, 77.5956

Protanomaly

71.9391, 74.7657, 78.3498

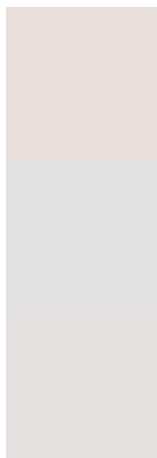
Deuteranomaly

74.8677, 74.7076, 78.1842

Tritanomaly

73.8078, 74.3920, 85.3319

Monochromacy



Original Color

72.1862, 74.5128, 77.5956

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.9698, 75.1330, 80.5209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1862, 74.5128, 77.5956 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(232, 222, 219) looks like.

```
.text, #text, p{  
    color:rgb(232, 222, 219)  
}
```

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(232, 222, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 222, 219) }
```

Border

The CSS property to change the border of an element to XYZ 72.1862, 74.5128, 77.5956 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(232, 222, 219) }
```


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

```
.border{ border-color:rgb(232, 222, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 222, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 222, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 222, 219);  
box-shadow:4px 4px 4px 4px rgb(232, 222,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1862, 74.5128, 77.5956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 222, 219) }
```

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

```
.background{ background-color: rgb(232,  
222, 219) }
```

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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