

Converting Colors

XYZ(72.7422, 75.5615, 74.9830)

Have a look what the booklet for
XYZ(72.7422, 75.5615, 74.9830)
contains.

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Color

**XYZ(72.8531, 75.7100,
75.0637)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE0D7
RGB	234, 224, 215
RGB Percent	92%, 88%, 84%
CMY	0.0823, 0.1215, 0.1569
CMYK	0.00, 0.04, 0.08, 0.08
HSL	28°, 31%, 88%
HSV	28°, 8%, 92%
XYZ	72.8531, 75.7100, 75.0637
YIQ	225.9640, 8.8490, -0.6790

Conversions

Conversions Part 2

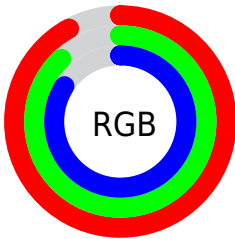
Format	Color
RYB	234, 232, 215
Decimal	15392983
CIELab	89.72, 1.88, 5.60
CIELCh	90, 5.910, 71.479
Yxy	75.7100, 0.3258, 0.3386
Android (android.graphics.Color)	4293583063 (0xFFEAE0D7)
YUV	225.9640, -5.4053, 7.0476
Hunter-Lab	87.0115, -2.8154, 9.7593

Details

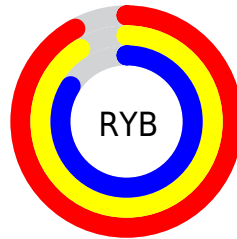
The XYZ color **72.8531, 75.7100, 75.0637** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.8008, 74.2369, 88.4931**, and the grayscale version is **72.2979, 76.0630, 82.8326**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8932, 40.3790, 39.0017** is the 20% darker color. If you saturate the color by 10%, you get **66.8697, 68.2153, 59.2804**, and if you desaturate by 10%, it is **79.5104, 83.8626, 93.1952**.

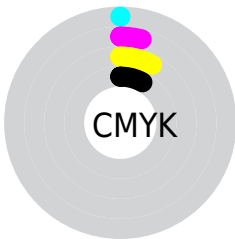
Distribution



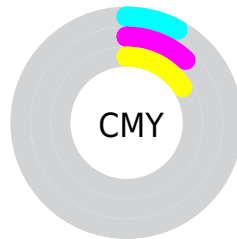
- Red (92%)
- Green (88%)
- Blue (84%)



- Red (92%)
- Yellow (91%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (8%)



- Cyan (8%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.8531, 75.7100, 75.0637 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 72.8531, 75.7100, 75.0637 by changing the saturation by 10% instead.

72.8531, 75.7100,
75.0637

72.8531, 75.7100,
75.0637

459.6172,
480.3544, 497.3977

54.1438, 56.1947,
55.1630

122.2729,
127.3169, 128.1505

38.9478, 40.3591,
39.1328

153.7141,
160.1773, 162.1736

26.8996, 27.8186,
26.5544

190.1300,
198.2549, 201.7414

17.6341, 18.1890,
17.0094

231.8859,
241.9341, 247.2722

10.7857, 11.0858,
10.0792

279.3473,
291.5992, 299.1848

5.9891, 6.1245,
5.3452

332.8794,

2.8791, 2.9210,

347.6347, 357.8975

2.3889

392.8475,
410.4250, 423.8290

■ 1.0901, 1.0906,
0.7804

■ 0.0168, 0.0000,
0.0000

■ 72.8531, 75.7100,
75.0637

■ 72.8531, 75.7100,
75.0637

■ 66.8697, 68.2153,
59.2804

■ 79.5104, 83.8626,
93.1952

■ 61.5306, 61.3511,
45.7432

■ 85.7427, 92.2338,
107.8915

■ 56.8135, 55.1025,
34.3492

■ 87.7421, 96.2326,
108.5580

■ 52.6917, 49.4505,
24.9861

■ 49.1368, 44.3745,
17.5309

■ 46.1173, 39.8528,
11.8469

■ 43.5982, 35.8616,
7.7793

■ 41.5388, 32.3745,
5.1457

■ 39.8846, 29.3591,
3.6911

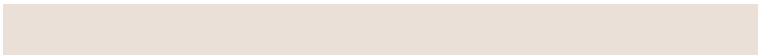
Harmonies

Analogous

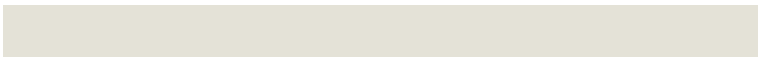
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0781, 75.7100, 77.2377



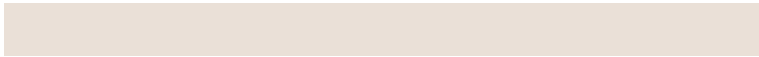
72.8531, 75.7100, 75.0637



71.4044, 75.7100, 74.8245

Triad

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



72.8531, 75.7100, 75.0637



69.2511, 75.7100, 84.0413



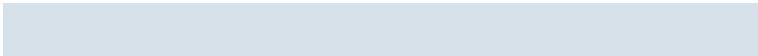
73.8305, 75.7100, 88.5897

Complementary

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



72.8531, 75.7100, 75.0637



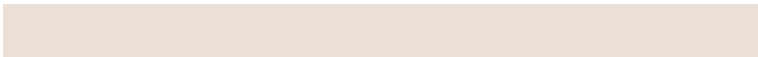
69.8008, 74.2369, 88.4931

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.



72.5187, 75.7100, 90.5455



72.8531, 75.7100, 75.0637



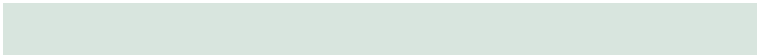
69.8828, 75.7100, 87.8610

Square

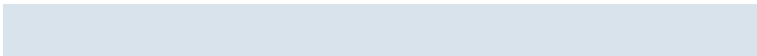
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.8531, 75.7100, 75.0637



69.3379, 75.7100, 79.9144



71.0744, 75.7100, 90.2744



74.6476, 75.7100, 85.0087

Rectangle

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



72.8531, 75.7100, 75.0637



70.5080, 75.7100, 75.7844



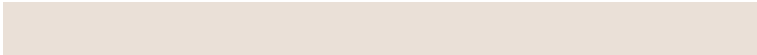
71.0744, 75.7100, 90.2744



73.4320, 75.7100, 89.4644

Sweetspot

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



72.8552, 75.7133, 75.0653



93.3896, 97.9759, 104.3494



71.8420, 71.5379, 81.3523



20.0067, 20.9922, 22.3827



0.0000, 0.0000, 0.0000



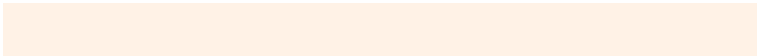
20.3446, 21.4041, 23.3091

Same Dimension

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



72.8552, 75.7133, 75.0653



87.0814, 90.2023, 87.3164



75.4412, 80.8854, 75.9273



15.6542, 16.2314, 15.8266



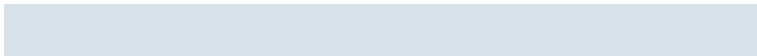
22.3796, 16.4534, 1.9963



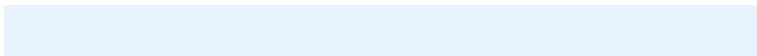
1.8530, 1.4834, 0.1887

Inverse Universe

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



69.8008, 74.2369, 88.4931



82.5482, 88.0110, 107.2448



67.3387, 69.3128, 87.6724



14.8871, 15.8606, 19.1990



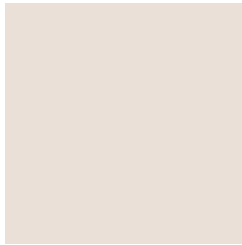
12.4604, 11.5679, 45.3191



1.0747, 1.1009, 3.5907

Previews

White Background



This preview shows how the XYZ color 72.8531, 75.7100, 75.0637 looks on a white background.

Color Contrast Check

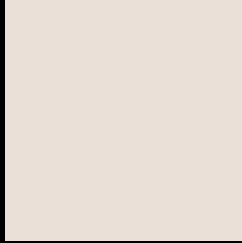
Large Text (above 18pt) WCAG AA × Fail

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 72.8531, 75.7100, 75.0637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

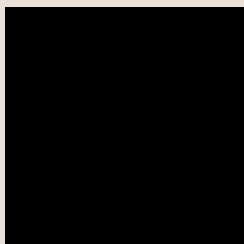
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

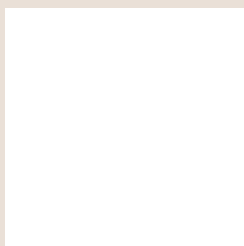
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.8531, 75.7100, 75.0637

Background



This preview shows how black text looks on a background with the XYZ color 72.8531, 75.7100, 75.0637.

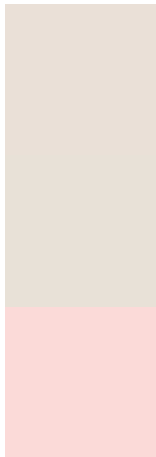


This preview shows how white text looks on a background with the XYZ color 72.8531, 75.7100,

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

72.8531, 75.7100, 75.0637

Protanopia

72.4697, 75.9125, 75.1230

Deuteranopia

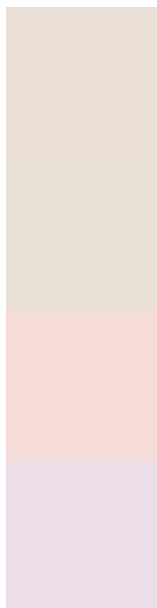
77.2497, 75.6099, 75.4884



Tritanopia

76.2141, 75.8905, 91.5203

Trichromacy



Original Color

72.8531, 75.7100, 75.0637

Protanomaly

72.7952, 76.0804, 75.1382

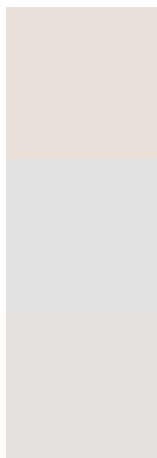
Deuteranomaly

75.6441, 75.5567, 75.5628

Tritanomaly

74.9963, 75.7886, 85.5388

Monochromacy



Original Color

72.8531, 75.7100, 75.0637

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.4231, 75.7824, 79.9176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8531, 75.7100, 75.0637 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(234, 224, 215) looks like.

```
.text, #text, p{  
    color:rgb(234, 224, 215)  
}
```

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(234, 224, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 224, 215) }
```

Border

The CSS property to change the border of an element to XYZ 72.8531, 75.7100, 75.0637 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(234, 224, 215) }
```


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

```
.border{ border-color:rgb(234, 224, 215) }
```

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

Here you see how a box with a 4 pixel rgb(234, 224, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 224, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 224, 215);  
box-shadow:4px 4px 4px 4px rgb(234, 224,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8531, 75.7100, 75.0637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 224, 215) }
```

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

```
.background{ background-color: rgb(234,  
224, 215) }
```

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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