

Converting Colors

XYZ(68.5948, 72.4473, 72.4258)

Have a look what the booklet for
XYZ(68.5948, 72.4473, 72.4258)
contains.

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Color

**XYZ(68.4806, 72.3137,
72.6360)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DDD4
RGB	224, 221, 212
RGB Percent	88%, 87%, 83%
CMY	0.1216, 0.1333, 0.1686
CMYK	0.00, 0.01, 0.05, 0.12
HSL	45°, 16%, 85%
HSV	45°, 5%, 88%
XYZ	68.4806, 72.3137, 72.6360
YIQ	220.8710, 4.6770, -2.1630

Conversions

Conversions Part 2

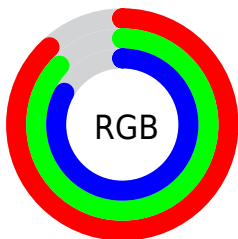
Format	Color
R _Y B	216, 224, 212
Decimal	14736852
CIE Lab	88.12, -0.55, 4.76
CIE LCh	88, 4.793, 96.563
Yxy	72.3137, 0.3209, 0.3388
Android (android.graphics.Color)	4292926932 (0xFFE0DDD4)
YUV	220.8710, -4.3734, 2.7441
Hunter-Lab	85.0375, -5.0697, 8.8828

Details

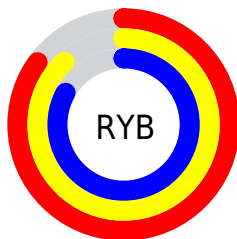
The XYZ color **68.4806, 72.3137, 72.6360** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.9063, 67.9787, 80.2221**, and the grayscale version is **68.6659, 72.2419, 78.6714**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.0842, 38.1418, 37.3585** is the 20% darker color. If you saturate the color by 10%, you get **64.3974, 68.3594, 58.2877**, and if you desaturate by 10%, it is **73.0091, 76.5294, 89.0685**.

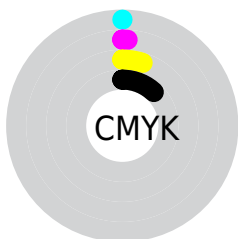
Distribution



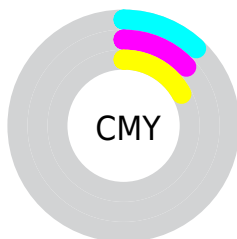
- Red (88%)
- Green (87%)
- Blue (83%)



- Red (85%)
- Yellow (88%)
- Blue (83%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (12%)



- Cyan (12%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.4806, 72.3137, 72.6360 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 68.4806, 72.3137, 72.6360 by changing the saturation by 10% instead.

■ 68.4806, 72.3137,
72.6360

■ 68.4806, 72.3137,
72.6360

444.5470,
468.6327, 488.7892

■ 50.5639, 53.4150,
53.1884

116.0775,
122.5024, 124.6764

■ 36.0813, 38.1341,
37.5644

146.4885,
154.5612, 158.1063

■ 24.6674, 26.0868,
25.3456

181.7950,
191.7755, 197.0341

■ 15.9568, 16.8886,
16.1134

222.3623,
234.5296, 241.8782

■ 9.5843, 10.1551,
9.4492

268.5558,
283.2080, 293.0572

■ 5.1843, 5.5019,
4.9345

320.7408,

■ 2.3917, 2.5447,

338.1951, 350.9897

2.1508

379.2828,
399.8752, 416.0942

■ 0.8410, 0.8989,
0.6458

■ 0.0000, 0.0000,
0.0000

■ 68.4806, 72.3137,
72.6360

■ 68.4806, 72.3137,
72.6360

■ 64.3974, 68.3594,
58.2877

■ 73.0091, 76.5294,
89.0685

■ 60.7370, 64.6499,
45.9344

■ 77.7009, 80.8876,
106.1253

■ 57.4837, 61.1804,
35.4871

■ 79.3019, 84.0897,
106.6590

■ 54.6186, 57.9425,
26.8483

■ 80.9535, 87.3928,
107.2095

■ 52.1210, 54.9273,
19.9118

■ 82.6561, 90.7980,
107.7771

■ 49.9682, 52.1248,
14.5604

■ 84.4101, 94.3061,
108.3617

■ 48.1346, 49.5240,
10.6618

■ 84.5508, 94.5875,
108.4086

■ 46.5905, 47.1121,
8.0622

■ 45.2996, 44.8739,
6.5727

Harmonies

Analogous

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



69.6117, 72.3137, 73.0909



68.4806, 72.3137, 72.6360



67.4284, 72.3137, 73.7791

Triad

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



68.4806, 72.3137, 72.6360



66.9782, 72.3137, 82.5547



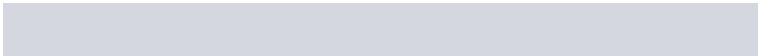
70.7725, 72.3137, 81.2728

Complementary

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



68.4806, 72.3137, 72.6360



64.9063, 67.9787, 80.2221

Split Complementary

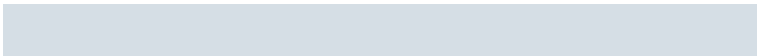
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.0523, 72.3137, 83.9129



68.4806, 72.3137, 72.6360



67.8597, 72.3137, 84.6673

Square

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



68.4806, 72.3137, 72.6360



66.5672, 72.3137, 79.4604



68.9840, 72.3137, 85.1711



70.9432, 72.3137, 78.0186

Rectangle

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



68.4806, 72.3137, 72.6360



66.9105, 72.3137, 75.3127



68.9840, 72.3137, 85.1711



70.5863, 72.3137, 82.2642

Sweetspot

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



68.4826, 72.3168, 72.6376



93.8348, 98.8662, 104.4977



66.5507, 67.8416, 73.8782



20.0973, 21.1734, 22.4129



0.0000, 0.0000, 0.0000



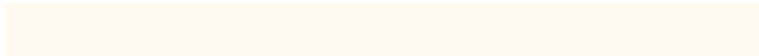
20.3446, 21.4041, 23.3091

Same Dimension

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



68.4826, 72.3168, 72.6376



91.4772, 96.6406, 96.0367



68.3590, 73.4378, 72.8605



14.8257, 15.6680, 15.4319



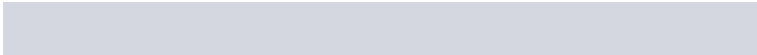
26.1478, 25.7334, 3.5889



1.8819, 1.9227, 0.2719

Inverse Universe

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



64.9063, 67.9787, 80.2221



86.0897, 90.1054, 107.4624



65.0234, 66.9170, 80.0110



13.8707, 14.5095, 17.4572



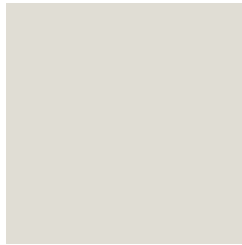
8.7294, 4.9284, 41.5396



0.6755, 0.4824, 2.9028

Previews

White Background



This preview shows how the XYZ color 68.4806, 72.3137, 72.6360 looks on a white background.

Color Contrast Check

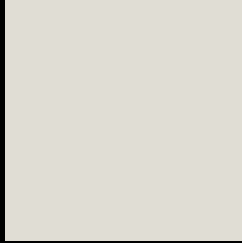
Large Text (above 18pt) WCAG AA × Fail

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 68.4806, 72.3137, 72.6360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

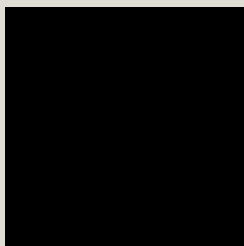
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

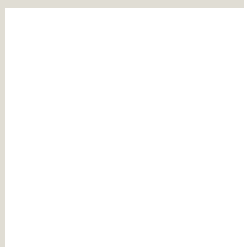
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.4806, 72.3137, 72.6360

Background



This preview shows how black text looks on a background with the XYZ color 68.4806, 72.3137, 72.6360.

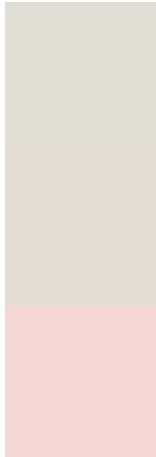


This preview shows how white text looks on a background with the XYZ color 68.4806, 72.3137,

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

68.4806, 72.3137, 72.6360

Protanopia

69.0296, 72.2204, 71.9297

Deuteranopia

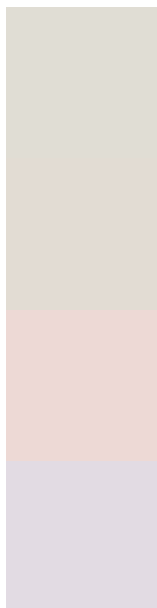
73.7130, 72.3097, 73.0229



Tritanopia

71.7454, 72.4719, 88.8043

Trichromacy



Original Color

68.4806, 72.3137, 72.6360

Protanomaly

68.7151, 72.0583, 71.9150

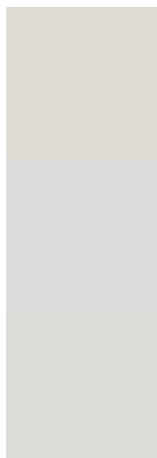
Deuteranomaly

71.7481, 72.4343, 73.1505

Tritanomaly

70.5607, 72.3778, 82.9244

Monochromacy



Original Color

68.4806, 72.3137, 72.6360

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.6355, 72.3045, 76.6683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.4806, 72.3137, 72.6360 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(224, 221, 212) looks like.

```
.text, #text, p{  
    color:rgb(224, 221, 212)  
}
```

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(224, 221, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 221, 212) }
```

Border

The CSS property to change the border of an element to XYZ 68.4806, 72.3137, 72.6360 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(224, 221, 212) }
```


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

```
.border{ border-color:rgb(224, 221, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 221, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 221, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 221, 212);  
box-shadow:4px 4px 4px 4px rgb(224, 221,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 68.4806, 72.3137, 72.6360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 221, 212) }
```

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

```
.background{ background-color: rgb(224,  
221, 212) }
```

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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