

Converting Colors

XYZ(68.4946, 72.7430, 71.4035)

Have a look what the booklet for
XYZ(68.4946, 72.7430, 71.4035)
contains.

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Color

**XYZ(68.4946, 72.7430,
71.4035)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DED2
RGB	224, 222, 210
RGB Percent	88%, 87%, 82%
CMY	0.1216, 0.1294, 0.1765
CMYK	0.00, 0.01, 0.06, 0.12
HSL	51°, 18%, 85%
HSV	51°, 6%, 88%
XYZ	68.4946, 72.7430, 71.4035
YIQ	221.2300, 5.0440, -3.3080

Conversions

Conversions Part 2

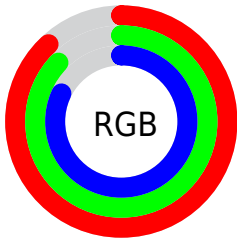
Format	Color
RYB	212, 224, 210
Decimal	14737106
CIELab	88.32, -1.40, 6.11
CIELCh	88, 6.270, 102.937
Yxy	72.7430, 0.3221, 0.3421
Android (android.graphics.Color)	4292927186 (0xFFE0DED2)
YUV	221.2300, -5.5364, 2.4293
Hunter-Lab	85.2895, -5.9062, 10.0657

Details

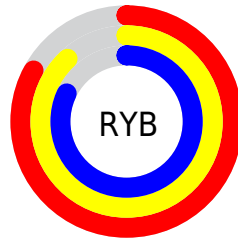
The XYZ color **68.4946, 72.7430, 71.4035** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.5763, 66.1694, 79.9429**, and the grayscale version is **68.9257, 72.5152, 78.9691**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.1817, 38.4727, 36.9715** is the 20% darker color. If you saturate the color by 10%, you get **65.0576, 70.0263, 57.4396**, and if you desaturate by 10%, it is **72.3424, 75.6544, 87.4334**.

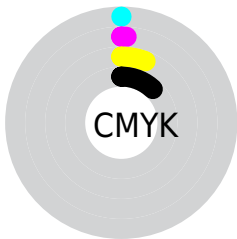
Distribution



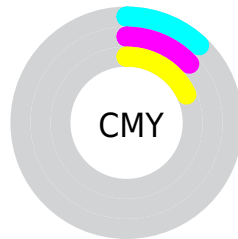
- Red (88%)
- Green (87%)
- Blue (82%)



- Red (83%)
- Yellow (88%)
- Blue (82%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (12%)



- Cyan (12%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.4946, 72.7430, 71.4035 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 68.4946, 72.7430, 71.4035 by changing the saturation by 10% instead.

■ 68.4946, 72.7430,
71.4035

■ 68.4946, 72.7430,
71.4035

444.5957,
470.1236, 484.3843

■ 50.5754, 53.7658,
52.1877

116.0975,
123.1123, 122.9079

■ 36.0904, 38.4145,
36.7714

146.5118,
155.2732, 156.0336

■ 24.6745, 26.3045,
24.7362

181.8218,
192.5975, 194.6330

■ 15.9621, 17.0516,
15.6634

222.3930,
235.4696, 239.1246

■ 9.5880, 10.2713,
9.1345

268.5906,
284.2739, 289.9270

■ 5.1868, 5.5792,
4.7310

320.7800,

■ 2.3932, 2.5909,

339.3947, 347.4587

2.0344

379.3266,
401.2165, 412.1383

■ 0.8417, 0.9221,
0.5763

■ 0.0000, 0.0000,
0.0000

■ 68.4946, 72.7430,
71.4035

■ 68.4946, 72.7430,
71.4035

■ 65.0576, 70.0263,
57.4396

■ 72.3424, 75.6544,
87.4334

■ 62.0091, 67.4882,
45.4518

■ 76.6102, 78.7574,
105.6045

■ 59.3338, 65.1249,
35.3509

■ 77.5307, 80.5473,
106.0686

■ 57.0130, 62.9286,
27.0387

■ 78.4357, 82.3572,
106.3703

■ 55.0263, 60.8910,
20.4085

■ 79.3570, 84.1999,
106.6774

■ 53.3512, 59.0031,
15.3418

■ 80.2948, 86.0755,
106.9900

■ 51.9621, 57.2545,
11.7050

■ 81.2492, 87.9843,
107.3081

■ 50.8294, 55.6331,
9.3419

■ 82.2203, 89.9264,
107.6318

■ 49.9159, 54.1240,
8.0573

■ 83.2081, 91.9020,
107.9611

Harmonies

Analogous

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



69.9921, 72.7430, 71.5476



68.4946, 72.7430, 71.4035



67.1887, 72.7430, 73.2944

Triad

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



68.4946, 72.7430, 71.4035



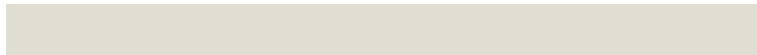
67.0443, 72.7430, 84.9818



71.9418, 72.7430, 81.6601

Complementary

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



68.4946, 72.7430, 71.4035



63.5763, 66.1694, 79.9429

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.



71.1288, 72.7430, 85.4246



68.4946, 72.7430, 71.4035



68.2949, 72.7430, 87.3896

Square

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



68.4946, 72.7430, 71.4035



66.3595, 72.7430, 81.0735



69.7895, 72.7430, 87.5545



71.9972, 72.7430, 77.3649

Rectangle

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



68.4946, 72.7430, 71.4035



66.5965, 72.7430, 75.4958



69.7895, 72.7430, 87.5545



71.7475, 72.7430, 83.0332

Sweetspot

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



68.4966, 72.7462, 71.4051



94.0081, 99.2129, 104.5555



65.6843, 66.7000, 71.7670



20.1325, 21.2439, 22.4247



0.0000, 0.0000, 0.0000



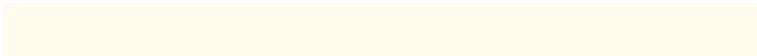
20.3446, 21.4041, 23.3091

Same Dimension

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



68.4966, 72.7462, 71.4051



91.5016, 97.2904, 94.1920



67.5329, 73.0409, 71.5128



14.8428, 15.7932, 15.1571



28.9386, 31.3150, 4.5192



2.0521, 2.2631, 0.3287

Inverse Universe

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



63.5763, 66.1694, 79.9429



84.0954, 87.3908, 107.0436



64.4971, 65.9080, 79.8440



13.5562, 14.0735, 17.3896



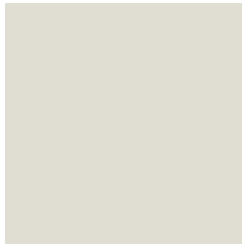
8.1809, 3.8314, 41.3567



0.6178, 0.3671, 2.8835

Previews

White Background



This preview shows how the XYZ color 68.4946, 72.7430, 71.4035 looks on a white background.

Color Contrast Check

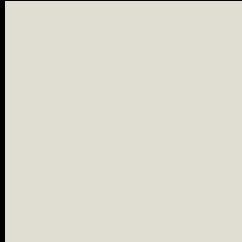
Large Text (above 18pt) WCAG AA × Fail

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 68.4946, 72.7430, 71.4035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

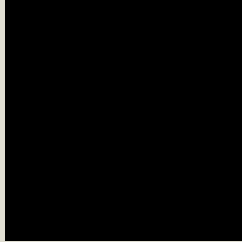
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

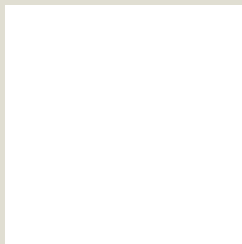
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.4946, 72.7430, 71.4035

Background



This preview shows how black text looks on a background with the XYZ color 68.4946, 72.7430, 71.4035.

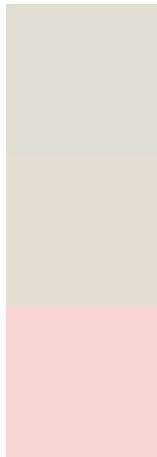


This preview shows how white text looks on a background with the XYZ color 68.4946, 72.7430,

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

68.4946, 72.7430, 71.4035

Protanopia

69.3600, 72.8103, 70.7197

Deuteranopia

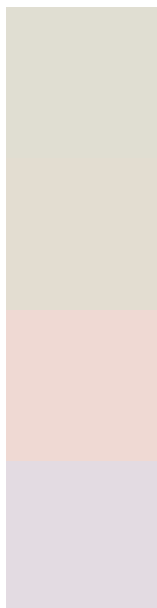
74.2880, 72.6208, 72.3892



Tritanopia

72.0617, 72.6349, 88.8191

Trichromacy



Original Color

68.4946, 72.7430, 71.4035

Protanomaly

69.0436, 72.6472, 70.7049

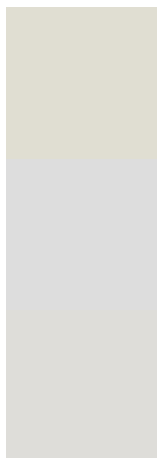
Deuteranomaly

72.1673, 72.6796, 71.8530

Tritanomaly

70.7375, 72.4849, 82.2142

Monochromacy



Original Color

68.4946, 72.7430, 71.4035

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.5050, 72.2523, 75.9811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.4946, 72.7430, 71.4035 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, 222, 210)` looks like.

```
.text, #text, p{  
    color:rgb(224, 222, 210)  
}
```

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, 222, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 222, 210) }
```

Border

The CSS property to change the border of an element to XYZ 68.4946, 72.7430, 71.4035 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, 222, 210) }
```


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

```
.border{ border-color:rgb(224, 222, 210) }
```

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

Here you see how a box with a 4 pixel rgb(224, 222, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 222, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 222, 210);  
box-shadow:4px 4px 4px 4px rgb(224, 222,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 68.4946, 72.7430, 71.4035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 222, 210) }
```

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

```
.background{ background-color: rgb(224,  
222, 210) }
```

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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