

Converting Colors

XYZ(71.9410, 75.1412, 73.9867)

Have a look what the booklet for
XYZ(71.9410, 75.1412, 73.9867)
contains.

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Color

**XYZ(71.9446, 75.2712,
73.6877)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E0D5
RGB	232, 224, 213
RGB Percent	91%, 88%, 84%
CMY	0.0902, 0.1215, 0.1647
CMYK	0.00, 0.03, 0.08, 0.09
HSL	35°, 29%, 87%
HSV	35°, 8%, 91%
XYZ	71.9446, 75.2712, 73.6877
YIQ	225.1380, 8.2990, -1.7250

Conversions

Conversions Part 2

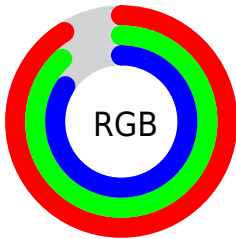
Format	Color
R _Y B	227, 232, 213
Decimal	15261909
CIE Lab	89.52, 0.85, 6.34
CIE LCh	90, 6.394, 82.366
Yxy	75.2712, 0.3257, 0.3407
Android (android.graphics.Color)	4293451989 (0xFFE8E0D5)
YUV	225.1380, -5.9840, 6.0180
Hunter-Lab	86.7590, -3.8077, 10.3740

Details

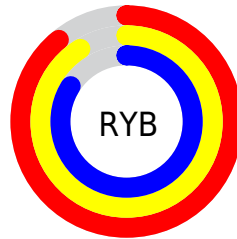
The XYZ color **71.9446, 75.2712, 73.6877** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.8624, 71.6840, 86.6044**, and the grayscale version is **71.7065, 75.4408, 82.1551**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2640, 40.0747, 38.0662** is the 20% darker color. If you saturate the color by 10%, you get **66.6596, 69.0809, 58.4222**, and if you desaturate by 10%, it is **77.8058, 81.9380, 91.2255**.

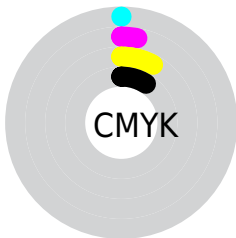
Distribution



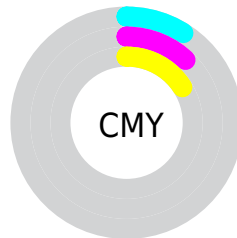
- Red (91%)
- Green (88%)
- Blue (84%)



- Red (89%)
- Yellow (91%)
- Blue (84%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (9%)



- Cyan (9%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9446, 75.2712, 73.6877 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 71.9446, 75.2712, 73.6877 by changing the saturation by 10% instead.

■ 71.9446, 75.2712,
73.6877

■ 71.9446, 75.2712,
73.6877

456.5094,
478.8492, 492.5294

■ 53.3987, 55.8351,
54.0432

120.9890,
126.6962, 126.1830

■ 38.3499, 40.0707,
38.2428

152.2182,
159.4539, 159.8708

■ 26.4328, 27.5937,
25.8679

188.4059,
197.4208, 199.0769

■ 17.2821, 18.0196,
16.5000

229.9175,
240.9815, 244.2197

■ 10.5324, 10.9641,
9.7205

277.1183,
290.5203, 295.7178

■ 5.8183, 6.0427,
5.1108

330.3736,

■ 2.7745, 2.8710,

346.4216, 353.9898

2.2526

390.0489,
409.0697, 419.4541

■ 1.0357, 1.0648,
0.7045

■ 0.0000, 0.0000,
0.0000

■ 71.9446, 75.2712,
73.6877

■ 71.9446, 75.2712,
73.6877

■ 66.6596, 69.0809,
58.4222

■ 77.8058, 81.9380,
91.2255

■ 61.9242, 63.3451,
45.3294

■ 83.5391, 88.7961,
107.3441

■ 57.7190, 58.0543,
34.3098

■ 86.5477, 94.8132,
108.3470

■ 54.0205, 53.1950,
25.2539

■ 87.0891, 95.8960,
108.5274

■ 50.8036, 48.7528,
18.0421

■ 48.0405, 44.7120,
12.5417

■ 45.6998, 41.0554,
8.6019

■ 43.7450, 37.7638,
6.0449

■ 42.1255, 34.8119,
4.6197

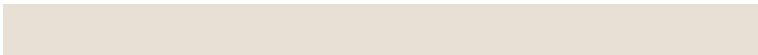
Harmonies

Analogous

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



73.4013, 75.2712, 75.3030



71.9446, 75.2712, 73.6877



70.4010, 75.2712, 74.2232

Triad

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



71.9446, 75.2712, 73.6877



68.7888, 75.2712, 85.2899



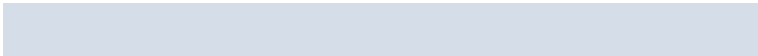
73.9592, 75.2712, 87.3481

Complementary

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



71.9446, 75.2712, 73.6877



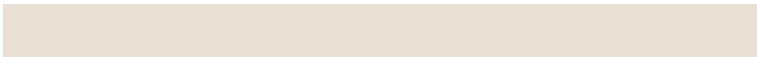
67.8624, 71.6840, 86.6044

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.



72.6973, 75.2712, 90.2113



71.9446, 75.2712, 73.6877



69.7164, 75.2712, 88.9931

Square

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



71.9446, 75.2712, 73.6877



68.5939, 75.2712, 80.8149



71.1429, 75.2712, 90.8241



74.5754, 75.2712, 83.1109

Rectangle

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



71.9446, 75.2712, 73.6877



69.5290, 75.2712, 75.7372



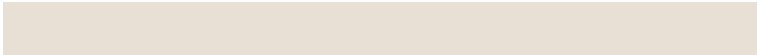
71.1429, 75.2712, 90.8241



73.5956, 75.2712, 88.5095

Sweetspot

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



71.9467, 75.2745, 73.6893



93.5588, 98.3141, 104.4057



70.1562, 69.9783, 78.3802



20.0411, 21.0610, 22.3942



0.0000, 0.0000, 0.0000



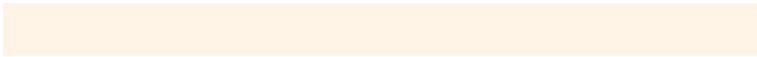
20.3446, 21.4041, 23.3091

Same Dimension

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



71.9467, 75.2745, 73.6893



87.8844, 91.8084, 87.5841



73.7367, 79.4628, 74.4034



15.0668, 15.7475, 15.1499



23.3634, 19.3009, 2.4941



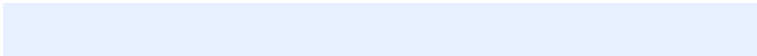
1.8179, 1.6091, 0.2148

Inverse Universe

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



67.8624, 71.6840, 86.6044



81.7511, 86.4167, 106.9791



66.1702, 67.7521, 85.9347



14.0788, 14.8790, 18.2742



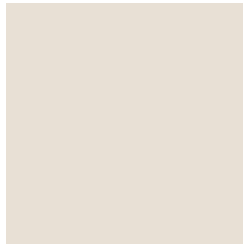
10.6103, 8.2826, 43.4227



0.8743, 0.7925, 3.2389

Previews

White Background



This preview shows how the XYZ color 71.9446, 75.2712, 73.6877 looks on a white background.

Color Contrast Check

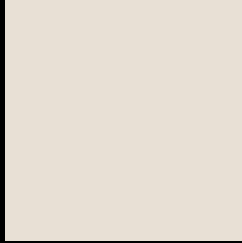
Large Text (above 18pt) WCAG AA × Fail

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 71.9446, 75.2712, 73.6877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

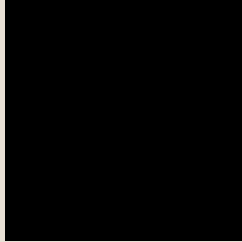
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.9446, 75.2712, 73.6877

Background



This preview shows how black text looks on a background with the XYZ color 71.9446, 75.2712, 73.6877.

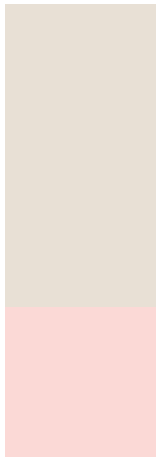


This preview shows how white text looks on a background with the XYZ color 71.9446, 75.2712, 73.6877.

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

71.9446, 75.2712, 73.6877

Protanopia

71.9446, 75.2712, 73.6877

Deuteranopia

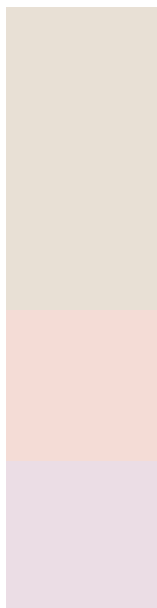
76.7341, 74.9900, 74.0485



Tritanopia

75.6179, 75.1923, 91.4170

Trichromacy



Original Color

71.9446, 75.2712, 73.6877

Protanomaly

71.9446, 75.2712, 73.6877

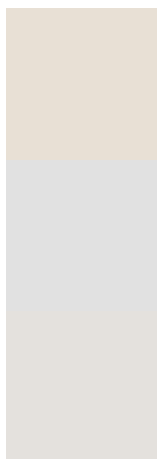
Deuteranomaly

75.0390, 75.2745, 74.1928

Tritanomaly

74.2603, 75.0322, 84.6975

Monochromacy



Original Color

71.9446, 75.2712, 73.6877

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.9713, 75.5649, 79.1988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9446, 75.2712, 73.6877 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, 224, 213) looks like.

```
.text, #text, p{  
    color:rgb(232, 224, 213)  
}
```

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, 224, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 224, 213) }
```

Border

The CSS property to change the border of an element to XYZ 71.9446, 75.2712, 73.6877 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, 224, 213) }
```


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

```
.border{ border-color:rgb(232, 224, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 224, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 224, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 224, 213);  
box-shadow:4px 4px 4px 4px rgb(232, 224,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9446, 75.2712, 73.6877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 224, 213) }
```

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

```
.background{ background-color: rgb(232,  
224, 213) }
```

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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