

Converting Colors

XYZ(73.5923, 76.3654, 78.1621)

Have a look what the booklet for
XYZ(73.5923, 76.3654, 78.1621)
contains.

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Color

**XYZ(73.6431, 76.4573,
77.8942)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE1DB
RGB	234, 225, 219
RGB Percent	92%, 88%, 86%
CMY	0.0823, 0.1176, 0.1412
CMYK	0.00, 0.04, 0.06, 0.08
HSL	24°, 26%, 89%
HSV	24°, 6%, 92%
XYZ	73.6431, 76.4573, 77.8942
YIQ	227.0070, 7.2900, 0.0420

Conversions

Conversions Part 2

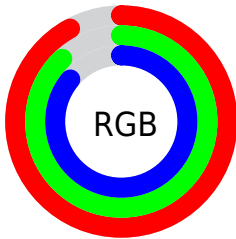
Format	Color
RYB	234, 229, 219
Decimal	15393243
CIELab	90.07, 2.03, 4.01
CIELCh	90, 4.494, 63.130
Yxy	76.4573, 0.3230, 0.3353
Android (android.graphics.Color)	4293583323 (0xFFEAE1DB)
YUV	227.0070, -3.9475, 6.1329
Hunter-Lab	87.4399, -2.6845, 8.3905

Details

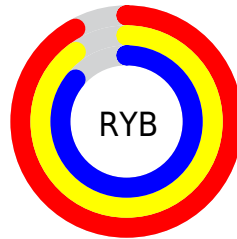
The XYZ color **73.6431, 76.4573, 77.8942** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.8081, 76.4863, 88.8215**, and the grayscale version is **73.0446, 76.8487, 83.6882**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4357, 40.8948, 40.9370** is the 20% darker color. If you saturate the color by 10%, you get **67.1379, 68.0345, 61.5805**, and if you desaturate by 10%, it is **80.8976, 85.6837, 96.5960**.

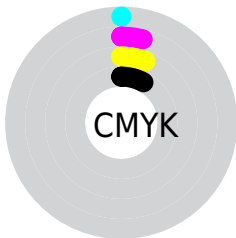
Distribution



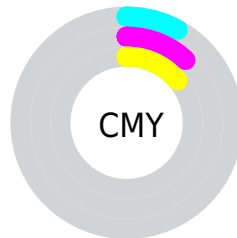
- Red (92%)
- Green (88%)
- Blue (86%)



- Red (92%)
- Yellow (90%)
- Blue (86%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (8%)



- Cyan (8%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6431, 76.4573, 77.8942 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 73.6431, 76.4573, 77.8942 by changing the saturation by 10% instead.

73.6431, 76.4573,
77.8942

73.6431, 76.4573,
77.8942

462.3100,
482.9117, 507.3258

54.7922, 56.8076,
57.4711

123.3880,
128.3731, 132.1855

39.4686, 40.8508,
40.9717

155.0127,
161.4080, 166.8908

27.3068, 28.2025,
27.9775

191.6260,
199.6734, 207.1939

17.9416, 18.4784,
18.0698

233.5934,
243.5537, 253.5134

11.0075, 11.2940,
10.8301

281.2801,
293.4332, 306.2678

6.1392, 6.2649,
5.8400

335.0516,

2.9714, 3.0068,

349.6965, 365.8756

2.6808

395.2731,
412.7279, 432.7555

■ 1.1386, 1.1353,
0.9338

■ 0.0571, 0.0079,
0.0000

■ 73.6431, 76.4573,
77.8942

■ 73.6431, 76.4573,
77.8942

■ 67.1379, 68.0345,
61.5805

■ 80.8976, 85.6837,
96.5960

■ 61.3500, 60.3833,
47.5529

■ 87.1305, 95.0094,
108.3541

■ 56.2548, 53.4837,
35.7091

■ 87.7421, 96.2326,
108.5580

■ 51.8233, 47.3113,
25.9373

■ 48.0246, 41.8403,
18.1154

■ 44.8247, 37.0430,
12.1087

■ 42.1861, 32.8895,
7.7646

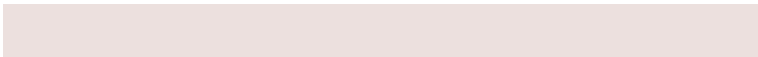
■ 40.0657, 29.3471,
4.9052

■ 38.4117, 26.3782,
3.3082

Harmonies

Analogous

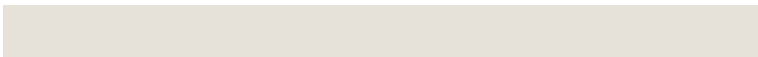
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.4795, 76.4573, 79.9400



73.6431, 76.4573, 77.8942



72.5534, 76.4573, 77.2708

Triad

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



73.6431, 76.4573, 77.8942



70.5518, 76.4573, 83.5845



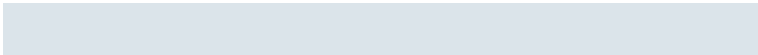
73.8477, 76.4573, 88.4943

Complementary

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



73.6431, 76.4573, 77.8942



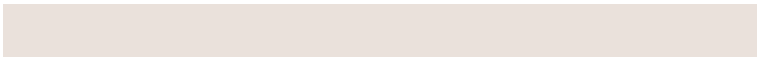
71.8081, 76.4863, 88.8215

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.



72.7874, 76.4573, 89.5278



73.6431, 76.4573, 77.8942



70.8908, 76.4573, 86.6480

Square

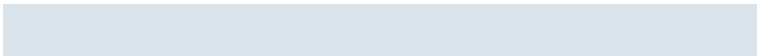
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.6431, 76.4573, 77.8942



70.7757, 76.4573, 80.5062



71.7062, 76.4573, 88.8438



74.5985, 76.4573, 86.0534

Rectangle

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



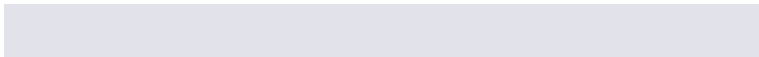
73.6431, 76.4573, 77.8942



71.8319, 76.4573, 77.7324



71.7062, 76.4573, 88.8438



73.5153, 76.4573, 89.0206

Sweetspot

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



73.6452, 76.4606, 77.8958



93.2716, 97.7398, 104.3100



73.2679, 73.7581, 83.7749



19.9826, 20.9441, 22.3747



0.0000, 0.0000, 0.0000



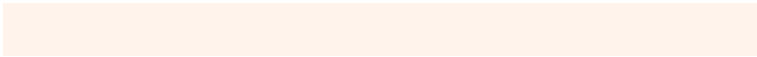
20.3446, 21.4041, 23.3091

Same Dimension

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



73.6452, 76.4606, 77.8958



88.1581, 91.1959, 91.2508



75.7165, 80.6031, 78.5863



15.5603, 16.0436, 15.7953



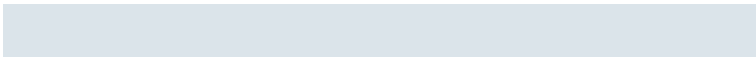
21.4155, 14.5253, 1.6749



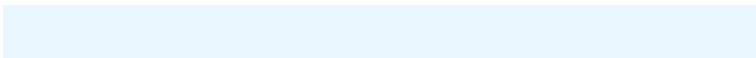
1.7735, 1.3243, 0.1621

Inverse Universe

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



71.8081, 76.4863, 88.8215



85.3892, 91.2345, 107.7173



69.7905, 72.4510, 88.1490



14.9826, 16.0516, 19.2309



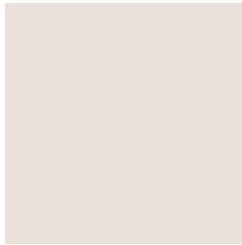
13.7697, 14.1865, 45.7555



1.1750, 1.3014, 3.6241

Previews

White Background



This preview shows how the XYZ color 73.6431, 76.4573, 77.8942 looks on a white background.

Color Contrast Check

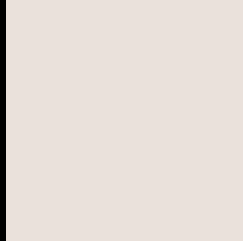
Large Text (above 18pt) WCAG AA × Fail

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 73.6431, 76.4573, 77.8942 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

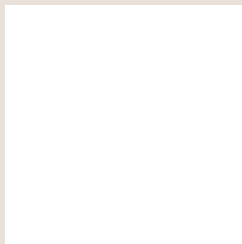
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.6431, 76.4573, 77.8942

Background



This preview shows how black text looks on a background with the XYZ color 73.6431, 76.4573, 77.8942.

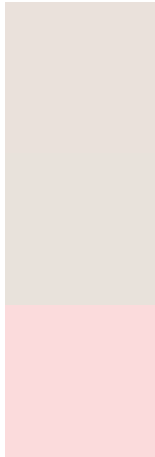


This preview shows how white text looks on a background with the XYZ color 73.6431, 76.4573,

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

73.6431, 76.4573, 77.8942

Protanopia

73.2613, 76.6630, 77.9540

Deuteranopia

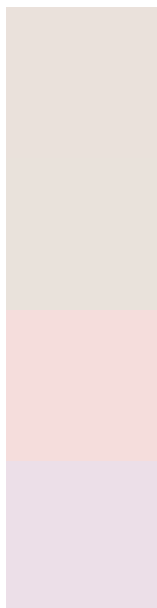
78.0334, 76.3396, 78.3324



Tritanopia

76.6263, 76.4791, 92.3847

Trichromacy



Original Color

73.6431, 76.4573, 77.8942

Protanomaly

73.5868, 76.8308, 77.9692

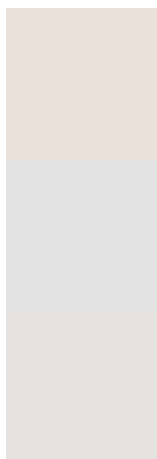
Deuteranomaly

76.4309, 76.2927, 78.4078

Tritanomaly

75.5452, 76.4344, 87.1156

Monochromacy



Original Color

73.6431, 76.4573, 77.8942

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.2840, 76.5975, 81.4433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6431, 76.4573, 77.8942 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, 225, 219) looks like.

```
.text, #text, p{  
    color:rgb(234, 225, 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(234, 225, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 225, 219) }
```

Border

The CSS property to change the border of an element to XYZ 73.6431, 76.4573, 77.8942 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, 225, 219) }
```


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

```
.border{ border-color:rgb(234, 225, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 225, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 225, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 225, 219);  
box-shadow:4px 4px 4px 4px rgb(234, 225,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6431, 76.4573, 77.8942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 225, 219) }
```

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

```
.background{ background-color: rgb(234,  
225, 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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