

Converting Colors

XYZ(73.9672, 76.3034, 78.0810)

Have a look what the booklet for
XYZ(73.9672, 76.3034, 78.0810)
contains.

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Color

**XYZ(73.7028, 76.0879,
77.8197)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE0DB
RGB	235, 224, 219
RGB Percent	92%, 88%, 86%
CMY	0.0784, 0.1215, 0.1412
CMYK	0.00, 0.05, 0.07, 0.08
HSL	19°, 29%, 89%
HSV	19°, 7%, 92%
XYZ	73.7028, 76.0879, 77.8197
YIQ	226.7190, 8.1610, 0.7770

Conversions

Conversions Part 2

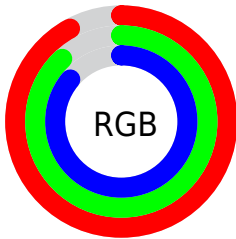
Format	Color
RYB	235, 226, 219
Decimal	15458523
CIELab	89.90, 2.89, 3.77
CIElCh	90, 4.752, 52.506
Yxy	76.0879, 0.3238, 0.3343
Android (android.graphics.Color)	4293648603 (0xFFEBE0DB)
YUV	226.7190, -3.8055, 7.2624
Hunter-Lab	87.2284, -1.8278, 8.1650

Details

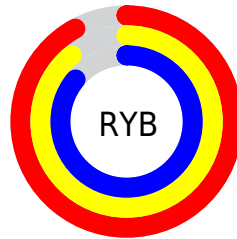
The XYZ color **73.7028, 76.0879, 77.8197** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.5056, 77.6508, 89.7649**, and the grayscale version is **72.8339, 76.6270, 83.4468**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4792, 40.6400, 40.8855** is the 20% darker color. If you saturate the color by 10%, you get **66.6891, 66.6663, 61.2805**, and if you desaturate by 10%, it is **81.5699, 86.5155, 96.8000**.

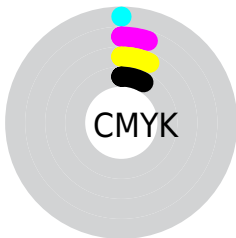
Distribution



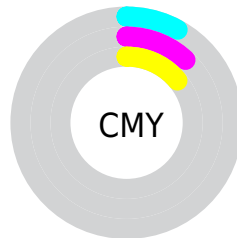
- Red (92%)
- Green (88%)
- Blue (86%)



- Red (92%)
- Yellow (89%)
- Blue (86%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (8%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7028, 76.0879, 77.8197 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 73.7028, 76.0879, 77.8197 by changing the saturation by 10% instead.

73.7028, 76.0879,
77.8197

73.7028, 76.0879,
77.8197

462.5132,
481.6485, 507.0660

54.8412, 56.5046,
57.4103

123.4722,
127.8512, 132.0795

39.5080, 40.6076,
40.9232

155.1107,
160.7999, 166.7670

27.3376, 28.0126,
27.9398

191.7390,
198.9725, 207.0509

17.9648, 18.3352,
18.0417

233.7223,
242.7535, 253.3498

11.0243, 11.1909,
10.8102

281.4260,
292.5272, 306.0822

6.1506, 6.1954,
5.8268

335.2155,

2.9784, 2.9642,

348.6780, 365.6667

2.6729

395.4561,
411.5903, 432.5218

■ 1.1423, 1.1131,
0.9298

■ 0.0601, 0.0000,
0.0000

■ 73.7028, 76.0879,
77.8197

■ 73.7028, 76.0879,
77.8197

■ 66.6891, 66.6663,
61.2805

■ 81.5699, 86.5155,
96.8000

■ 60.4927, 58.2107,
47.0779

■ 88.0714, 96.4024,
108.5734

■ 55.0845, 50.6925,
35.1068

■ 50.4308, 44.0784,
25.2524

■ 46.4955, 38.3328,
17.3894

■ 43.2392, 33.4177,
11.3792

■ 40.6183, 29.2919,
7.0651

■ 38.5831, 25.9101,
4.2639

■ 37.0734, 23.2206,
2.7434

Harmonies

Analogous

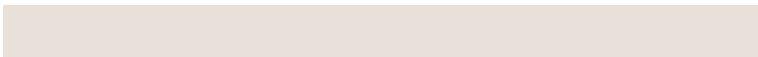
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.4260, 76.0879, 80.3953



73.7028, 76.0879, 77.8197



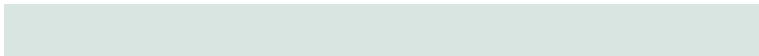
72.6142, 76.0879, 76.5975

Triad

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



73.7028, 76.0879, 77.8197



70.1029, 76.0879, 82.0060



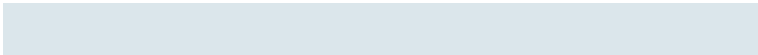
73.1873, 76.0879, 88.9676

Complementary

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



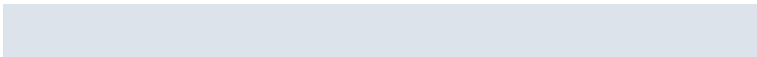
73.7028, 76.0879, 77.8197



72.5056, 77.6508, 89.7649

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.



72.0251, 76.0879, 89.4271



73.7028, 76.0879, 77.8197



70.2526, 76.0879, 85.3476

Square

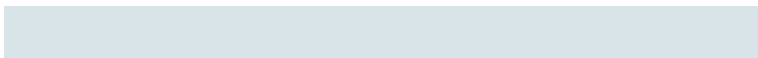
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7028, 76.0879, 77.8197



70.5420, 76.0879, 78.9715



70.9532, 76.0879, 88.0858



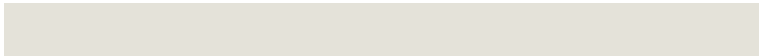
74.1262, 76.0879, 86.8468

Rectangle

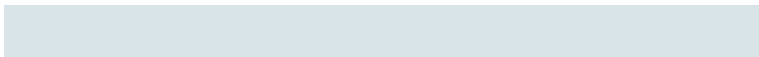
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.7028, 76.0879, 77.8197



71.8313, 76.0879, 76.6907



70.9532, 76.0879, 88.0858



72.8095, 76.0879, 89.3238

Sweetspot

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



73.7049, 76.0912, 77.8213



93.1317, 97.4599, 104.2634



73.9046, 74.0508, 85.4093



19.9541, 20.8871, 22.3652



0.0000, 0.0000, 0.0000



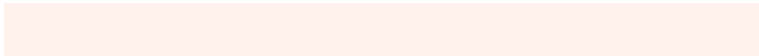
20.3446, 21.4041, 23.3091

Same Dimension

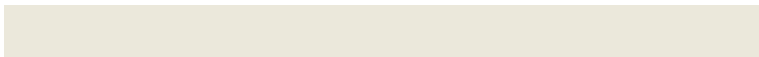
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.7049, 76.0912, 77.8213



87.6271, 90.1339, 91.0737



75.8485, 80.3784, 78.5359



15.4498, 15.8227, 15.7585



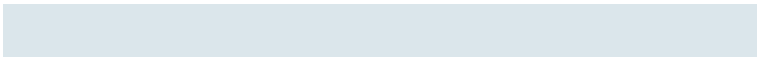
20.5124, 12.7189, 1.3739



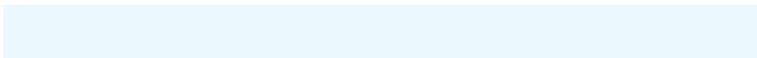
1.6938, 1.1650, 0.1356

Inverse Universe

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



72.5056, 77.6508, 89.7649



85.9373, 92.3308, 107.9000



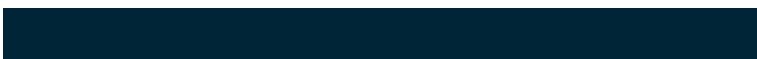
70.3843, 73.4082, 89.0578



15.0973, 16.2810, 19.2691



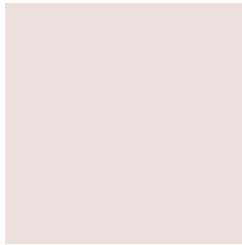
15.6069, 17.8608, 46.3679



1.3108, 1.5730, 3.6694

Previews

White Background



This preview shows how the XYZ color 73.7028, 76.0879, 77.8197 looks on a white background.

Color Contrast Check

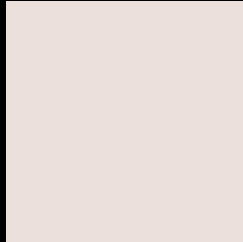
Large Text (above 18pt) WCAG AA × Fail

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 73.7028, 76.0879, 77.8197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

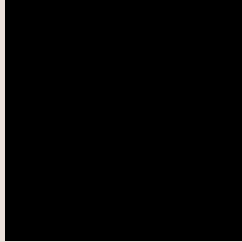
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

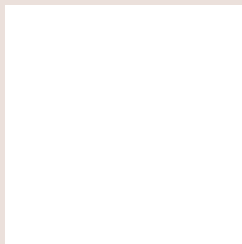
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7028, 76.0879, 77.8197

Background



This preview shows how black text looks on a background with the XYZ color 73.7028, 76.0879, 77.8197.

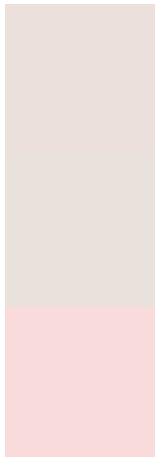


This preview shows how white text looks on a background with the XYZ color 73.7028, 76.0879,

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

73.7028, 76.0879, 77.8197

Protanopia

73.1222, 76.1735, 78.5592

Deuteranopia

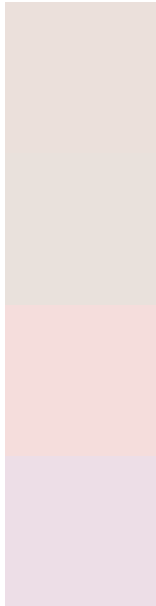
77.6741, 76.1543, 78.3155



Tritanopia

76.5490, 76.0631, 91.5360

Trichromacy



Original Color

73.7028, 76.0879, 77.8197

Protanomaly

73.4478, 76.3414, 78.5744

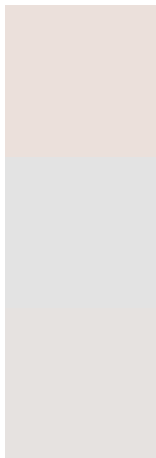
Deuteranomaly

76.4309, 76.2927, 78.4078

Tritanomaly

75.4701, 76.0166, 86.2963

Monochromacy



Original Color

73.7028, 76.0879, 77.8197

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 73.7028, 76.0879, 77.8197 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(235, 224, 219) looks like.

```
.text, #text, p{  
    color:rgb(235, 224, 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(235, 224, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 224, 219) }
```

Border

The CSS property to change the border of an element to XYZ 73.7028, 76.0879, 77.8197 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(235, 224, 219) }
```


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

```
.border{ border-color:rgb(235, 224, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 224, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 224, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 224, 219);  
box-shadow:4px 4px 4px 4px rgb(235, 224,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7028, 76.0879, 77.8197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 224, 219) }
```

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

```
.background{ background-color: rgb(235,  
224, 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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