

Converting Colors

XYZ(73.4151, 76.3034, 81.5507)

Have a look what the booklet for
XYZ(73.4151, 76.3034, 81.5507)
contains.

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Color

**XYZ(73.3348, 76.2212,
81.3680)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E1E0
RGB	231, 225, 224
RGB Percent	91%, 88%, 88%
CMY	0.0941, 0.1176, 0.1216
CMYK	0.00, 0.03, 0.03, 0.09
HSL	9°, 13%, 89%
HSV	9°, 3%, 91%
XYZ	73.3348, 76.2212, 81.3680
YIQ	226.6800, 3.8970, 0.9610

Conversions

Conversions Part 2

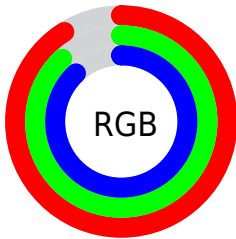
Format	Color
R_{YB}	231, 225, 224
Decimal	15196640
CIE Lab	89.96, 1.86, 1.20
CIE LCh	90, 2.213, 32.813
Yxy	76.2212, 0.3176, 0.3301
Android (android.graphics.Color)	4293386720 (0xFFE7E1E0)
YUV	226.6800, -1.3212, 3.7886
Hunter-Lab	87.3048, -2.8458, 5.8551

Details

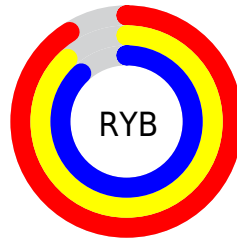
The XYZ color **73.3348, 76.2212, 81.3680** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.4611, 78.2094, 86.8265**, and the grayscale version is **72.7904, 76.5812, 83.3969**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2154, 40.7280, 43.3305** is the 20% darker color. If you saturate the color by 10%, you get **65.3701, 64.9689, 64.2924**, and if you desaturate by 10%, it is **82.3494, 88.8902, 100.8953**.

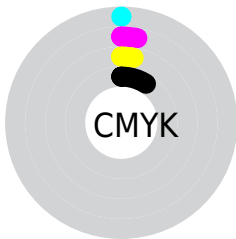
Distribution



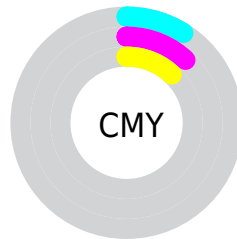
- Red (91%)
- Green (88%)
- Blue (88%)



- Red (91%)
- Yellow (88%)
- Blue (88%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3348, 76.2212, 81.3680 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 73.3348, 76.2212, 81.3680 by changing the saturation by 10% instead.

73.3348, 76.2212,
81.3680

73.3348, 76.2212,
81.3680

461.2602,
482.1046, 519.3591

54.5391, 56.6139,
60.3120

122.9530,
128.0395, 137.1161

39.2652, 40.6953,
43.2432

154.5061,
161.0194, 172.6452

27.1478, 28.0811,
29.7432

191.0425,
199.2255, 213.8358

17.8214, 18.3868,
19.3933

232.9275,
243.0423, 261.1063

10.9207, 11.2281,
11.7751

280.5264,
292.8543, 314.8754

6.0805, 6.2204,
6.4701

334.2046,

2.9352, 2.9796,

349.0457, 375.5615

3.0596

394.3274,
412.0010, 443.5832

■ 1.1196, 1.1211,
1.1251

■ 0.0414, 0.0000,
0.0000

■ 73.3348, 76.2212,
81.3680

■ 73.3348, 76.2212,
81.3680

■ 65.3701, 64.9689,
64.2924

■ 82.3494, 88.8902,
100.8953

■ 58.4108, 55.0743,
49.5668

■ 86.7655, 95.7292,
108.5123

■ 52.4185, 46.4891,
37.0894

■ 47.3500, 39.1581,
26.7496

■ 43.1589, 33.0224,
18.4267

■ 39.7945, 28.0181,
11.9887

■ 37.2008, 24.0755,
7.2871

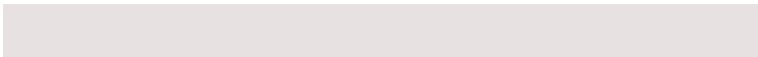
■ 35.3150, 21.1169,
4.1516

■ 34.0632, 19.0537,
2.3766

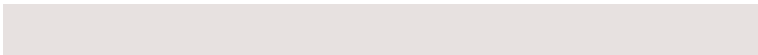
Harmonies

Analogous

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



73.5031, 76.2212, 82.8440



73.3348, 76.2212, 81.3680



72.9283, 76.2212, 80.3375

Triad

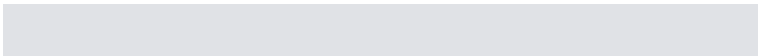
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3348, 76.2212, 81.3680



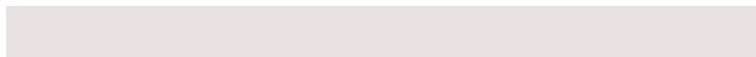
71.5131, 76.2212, 81.6213



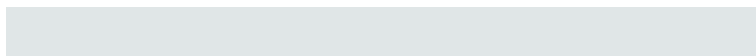
72.4977, 76.2212, 86.0414

Complementary

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



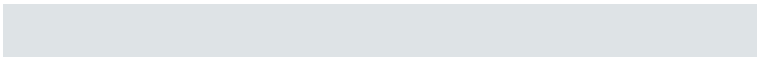
73.3348, 76.2212, 81.3680



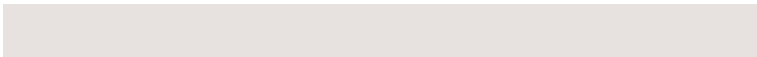
73.4611, 78.2094, 86.8265

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.



71.9658, 76.2212, 85.7042



73.3348, 76.2212, 81.3680



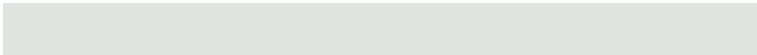
71.3990, 76.2212, 83.1400

Square

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



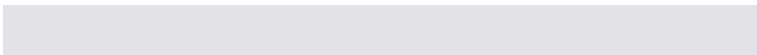
73.3348, 76.2212, 81.3680



71.8767, 76.2212, 80.4824



71.5643, 76.2212, 84.6373



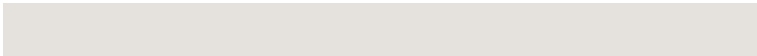
73.0182, 76.2212, 85.5531

Rectangle

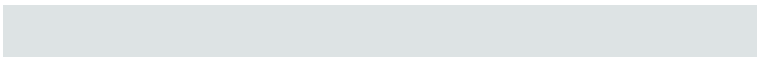
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



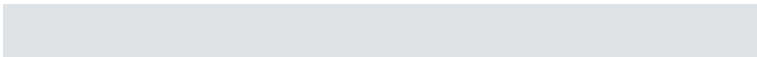
73.3348, 76.2212, 81.3680



72.5778, 76.2212, 80.0349



71.5643, 76.2212, 84.6373



72.3143, 76.2212, 86.0209

Sweetspot

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



73.3369, 76.2245, 81.3697



93.9492, 98.4511, 106.5211



73.9041, 76.0183, 85.6910



20.1206, 21.0889, 22.8250



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

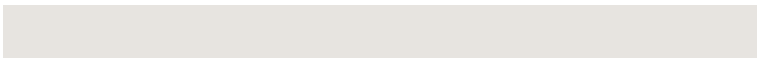
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3369, 76.2245, 81.3697



90.7267, 93.9120, 99.5712



74.2734, 78.0974, 81.6818



15.3566, 15.8487, 16.7212



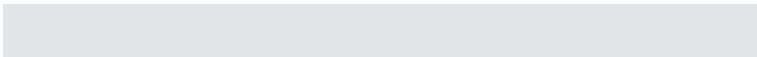
18.8357, 10.2455, 0.9848



1.4446, 0.8626, 0.0904

Inverse Universe

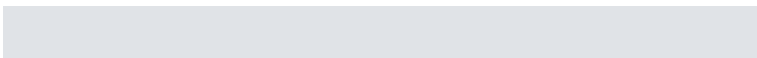
The Inverse Universe completely reimagines the original color for something new.



73.4611, 78.2094, 86.8265



90.9315, 97.1867, 108.5740



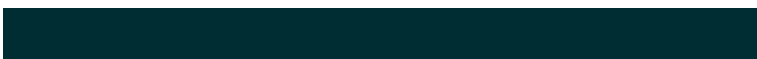
72.5161, 76.3194, 86.5115



15.3974, 16.5022, 18.5181



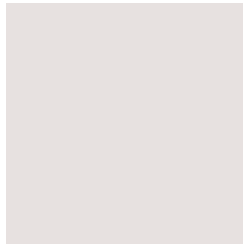
19.4608, 25.9837, 46.3728



1.4865, 2.0170, 3.4429

Previews

White Background



This preview shows how the XYZ color 73.3348, 76.2212, 81.3680 looks on a white background.

Color Contrast Check

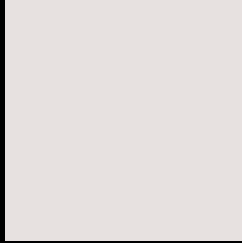
Large Text (above 18pt) WCAG AA × Fail

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 73.3348, 76.2212, 81.3680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

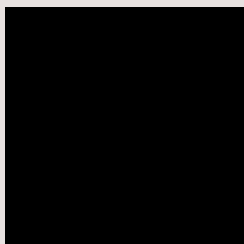
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

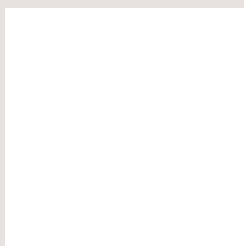
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3348, 76.2212, 81.3680

Background



This preview shows how black text looks on a background with the XYZ color 73.3348, 76.2212, 81.3680.



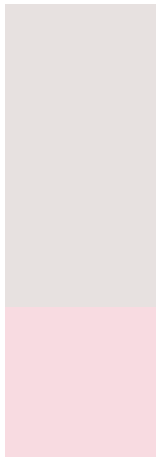
This preview shows how white text looks on a background with the XYZ color 73.3348, 76.2212,

81.3680.

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

73.3348, 76.2212, 81.3680

Protanopia

73.3348, 76.2212, 81.3680

Deuteranopia

77.6335, 76.0557, 81.8227



Tritanopia

75.7201, 76.3903, 93.1920

Trichromacy



Original Color

73.3348, 76.2212, 81.3680

Protanomaly

73.3348, 76.2212, 81.3680

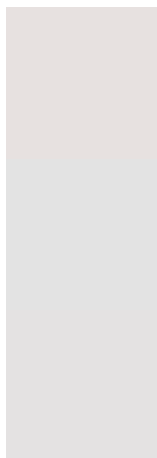
Deuteranomaly

76.0650, 76.0264, 81.8997

Tritanomaly

74.7856, 76.4076, 88.6484

Monochromacy



Original Color

73.3348, 76.2212, 81.3680

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.9187, 76.3777, 82.8506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3348, 76.2212, 81.3680 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(231, 225, 224) looks like.

```
.text, #text, p{  
    color:rgb(231, 225, 224)  
}
```

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(231, 225, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 225, 224) }
```

Border

The CSS property to change the border of an element to XYZ 73.3348, 76.2212, 81.3680 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(231, 225, 224) }
```


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

```
.border{ border-color:rgb(231, 225, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 225, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 225, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 225, 224);  
box-shadow:4px 4px 4px 4px rgb(231, 225,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3348, 76.2212, 81.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 225, 224) }
```

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

```
.background{ background-color: rgb(231,  
225, 224) }
```

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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