

Converting Colors

XYZ(70.5640, 73.4578, 78.4721)

Have a look what the booklet for
XYZ(70.5640, 73.4578, 78.4721)
contains.

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Color

**XYZ(70.7181, 73.7408,
78.2163)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DEDC
RGB	227, 222, 220
RGB Percent	89%, 87%, 86%
CMY	0.1098, 0.1294, 0.1372
CMYK	0.00, 0.02, 0.03, 0.11
HSL	17°, 11%, 88%
HSV	17°, 3%, 89%
XYZ	70.7181, 73.7408, 78.2163
YIQ	223.2670, 3.6220, 0.4380

Conversions

Conversions Part 2

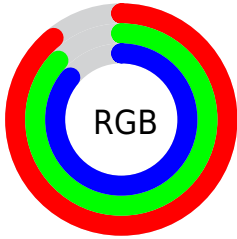
Format	Color
RYB	227, 223, 220
Decimal	14933724
CIE Lab	88.80, 1.35, 1.57
CIE LCh	89, 2.070, 49.336
Yxy	73.7408, 0.3176, 0.3312
Android (android.graphics.Color)	4293123804 (0xFFE3DEDC)
YUV	223.2670, -1.6106, 3.2738
Hunter-Lab	85.8725, -3.2776, 6.1069

Details

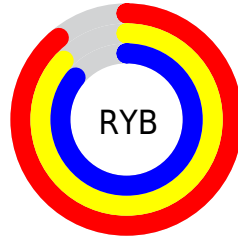
The XYZ color **70.7181, 73.7408, 78.2163** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.3055, 74.6110, 83.3698**, and the grayscale version is **70.3401, 74.0033, 80.5896**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.6235, 39.1247, 41.1662** is the 20% darker color. If you saturate the color by 10%, you get **63.8158, 64.4246, 62.0763**, and if you desaturate by 10%, it is **78.4463, 84.0537, 96.6474**.

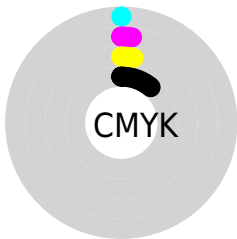
Distribution



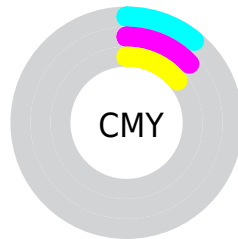
- Red (89%)
- Green (87%)
- Blue (86%)



- Red (89%)
- Yellow (87%)
- Blue (86%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.7181, 73.7408, 78.2163 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 70.7181, 73.7408, 78.2163 by changing the saturation by 10% instead.

■ 70.7181, 73.7408,
78.2163

■ 70.7181, 73.7408,
78.2163

452.2946,
473.5783, 508.4485

■ 52.3939, 54.5819,
57.7342

119.2529,
124.5283, 132.6436

■ 37.5447, 39.0671,
41.1817

150.1943,
156.9257, 167.4259

■ 25.8051, 26.8119,
28.1403

186.0720,
194.5048, 207.8120

■ 16.8098, 17.4320,
18.1915

227.2516,
237.6498, 254.2205

■ 10.1934, 10.5430,
10.9167

274.0982,
286.7453, 307.0698

■ 5.5906, 5.7604,
5.8974

326.9774,

■ 2.6361, 2.7000,

342.1756, 366.7785

2.7150

386.2544,
404.3252, 433.7652

■ 0.9644, 0.9772,
0.9510

■ 0.0000, 0.0000,
0.0000

■ 70.7181, 73.7408,
78.2163

■ 70.7181, 73.7408,
78.2163

■ 63.8158, 64.4246,
62.0763

■ 78.4463, 84.0537,
96.6474

■ 57.7053, 56.0659,
48.1328

■ 85.3003, 94.6939,
108.3897

■ 52.3591, 48.6364,
36.2915

■ 85.4889, 95.0711,
108.4526

■ 47.7458, 42.1034,
26.4493

■ 43.8314, 36.4319,
18.4945

■ 40.5795, 31.5844,
12.3043

■ 37.9498, 27.5207,
7.7410

■ 35.8969, 24.1968,
4.6463

■ 34.3682, 21.5634,
2.8293

Harmonies

Analogous

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



71.0015, 73.7408, 79.3810



70.7181, 73.7408, 78.2163



70.2669, 73.7408, 77.6100

Triad

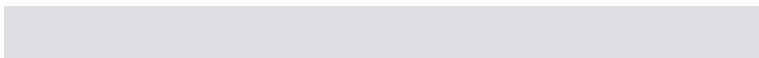
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.7181, 73.7408, 78.2163



69.1459, 73.7408, 79.7817



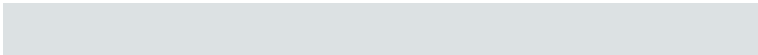
70.4079, 73.7408, 82.9231

Complementary

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



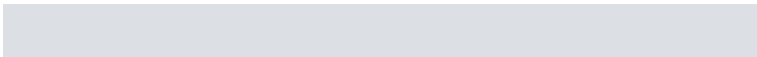
70.7181, 73.7408, 78.2163



70.3055, 74.6110, 83.3698

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.



69.9103, 73.7408, 83.0334



70.7181, 73.7408, 78.2163



69.1832, 73.7408, 81.2083

Square

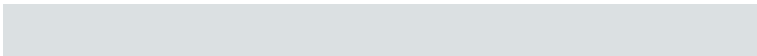
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.7181, 73.7408, 78.2163



69.3601, 73.7408, 78.5066



69.4625, 73.7408, 82.4025



70.8218, 73.7408, 82.1026

Rectangle

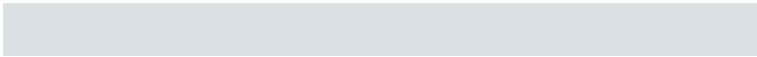
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



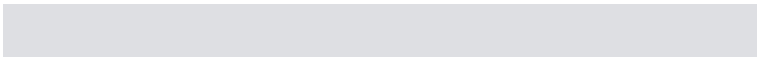
70.7181, 73.7408, 78.2163



69.9322, 73.7408, 77.5991



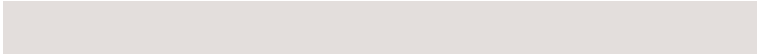
69.4625, 73.7408, 82.4025



70.2448, 73.7408, 83.0448

Sweetspot

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



70.7202, 73.7440, 78.2179



94.0643, 98.6811, 106.5594



70.8656, 72.9555, 81.5939



20.1440, 21.1357, 22.8328



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.



70.7202, 73.7440, 78.2179



91.1724, 94.8033, 99.7198



71.6538, 75.6113, 78.5291



15.4453, 16.0261, 16.7508



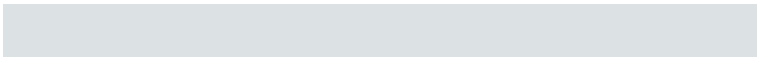
19.6634, 11.9010, 1.2607



1.5305, 1.0343, 0.1190

Inverse Universe

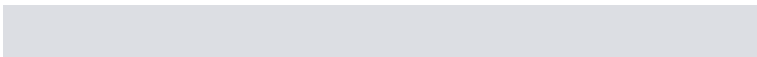
The Inverse Universe completely reimagines the original color for something new.



70.3055, 74.6110, 83.3698



90.4719, 96.2674, 108.4208



69.3745, 72.7490, 83.0595



15.3055, 16.3183, 18.4874



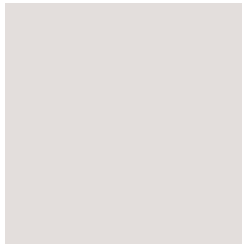
15.7268, 18.5157, 45.1282



1.2406, 1.5250, 3.3609

Previews

White Background



This preview shows how the XYZ color 70.7181, 73.7408, 78.2163 looks on a white background.

Color Contrast Check

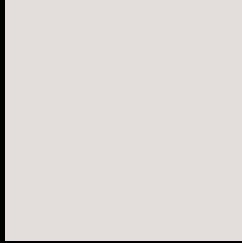
Large Text (above 18pt) WCAG AA × Fail

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 70.7181, 73.7408, 78.2163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

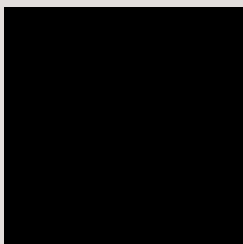
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

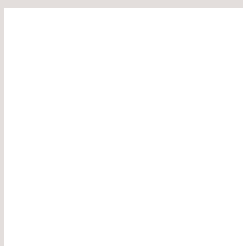
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.7181, 73.7408, 78.2163

Background



This preview shows how black text looks on a background with the XYZ color 70.7181, 73.7408, 78.2163.

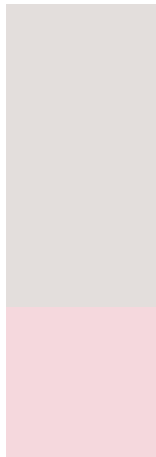


This preview shows how white text looks on a background with the XYZ color 70.7181, 73.7408,

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

70.7181, 73.7408, 78.2163

Protanopia

70.7181, 73.7408, 78.2163

Deuteranopia

75.2632, 73.7447, 78.6740



Tritanopia

73.2507, 73.6005, 90.4663

Trichromacy



Original Color

70.7181, 73.7408, 78.2163

Protanomaly

70.7181, 73.7408, 78.2163

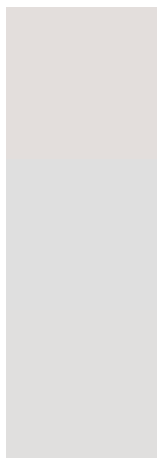
Deuteranomaly

73.3824, 73.5404, 78.7337

Tritanomaly

72.3301, 73.6139, 85.9980

Monochromacy



Original Color

70.7181, 73.7408, 78.2163

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.3130, 73.8966, 79.6648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7181, 73.7408, 78.2163 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(227, 222, 220) looks like.

```
.text, #text, p{  
    color:rgb(227, 222, 220)  
}
```

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(227, 222, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 222, 220) }
```

Border

The CSS property to change the border of an element to XYZ 70.7181, 73.7408, 78.2163 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(227, 222, 220) }
```


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

```
.border{ border-color:rgb(227, 222, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 222, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 222, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 222, 220);  
box-shadow:4px 4px 4px 4px rgb(227, 222,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7181, 73.7408, 78.2163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 222, 220) }
```

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

```
.background{ background-color: rgb(227,  
222, 220) }
```

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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