

Converting Colors

XYZ(70.1387, 73.0490, 78.1133)

Have a look what the booklet for
XYZ(70.1387, 73.0490, 78.1133)
contains.

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Color

**XYZ(70.1387, 73.0490,
78.1133)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DDDC
RGB	226, 221, 220
RGB Percent	89%, 87%, 86%
CMY	0.1137, 0.1333, 0.1372
CMYK	0.00, 0.02, 0.03, 0.11
HSL	10°, 9%, 87%
HSV	10°, 3%, 89%
XYZ	70.1387, 73.0490, 78.1133
YIQ	222.3810, 3.3010, 0.7490

Conversions

Conversions Part 2

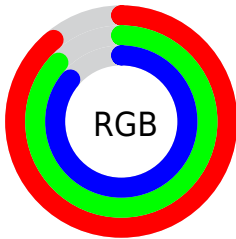
Format	Color
R _Y B	226, 221, 220
Decimal	14867932
CIE Lab	88.47, 1.53, 1.08
CIE LCh	88, 1.870, 35.353
Yxy	73.0490, 0.3169, 0.3301
Android (android.graphics.Color)	4293058012 (0xFFE2DDDC)
YUV	222.3810, -1.1738, 3.1739
Hunter-Lab	85.4687, -3.0867, 5.6406

Details

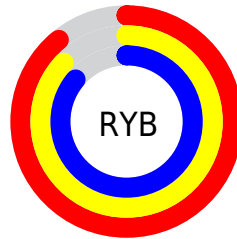
The XYZ color **70.1387, 73.0490, 78.1133** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.1677, 74.5558, 82.6447**, and the grayscale version is **69.7086, 73.3389, 79.8661**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.2223, 38.6470, 41.0951** is the 20% darker color. If you saturate the color by 10%, you get **62.6531, 62.5477, 61.8356**, and if you desaturate by 10%, it is **78.5901, 84.8323, 96.7111**.

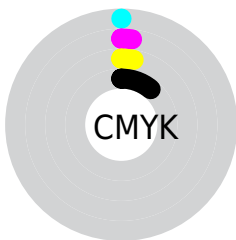
Distribution



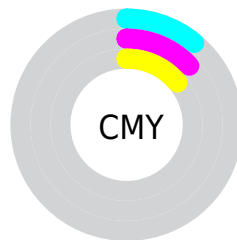
- Red (89%)
- Green (87%)
- Blue (86%)



- 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 70.1387, 73.0490, 78.1133 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 70.1387, 73.0490, 78.1133 by changing the saturation by 10% instead.

■ 70.1387, 73.0490,
78.1133

■ 70.1387, 73.0490,
78.1133

450.2957,
471.1846, 508.0896

■ 51.9196, 54.0160,
57.6501

118.4317,
123.5468, 132.4971

■ 37.1650, 38.6145,
41.1145

149.2364,
155.7804, 167.2548

■ 25.5095, 26.4599,
28.0882

184.9669,
193.1829, 207.6144

■ 16.5878, 17.1680,
18.1526

225.9887,
236.1389, 253.9944

■ 10.0345, 10.3544,
10.8890

272.6672,
285.0327, 306.8134

■ 5.4843, 5.6345,
5.8790

325.3676,

■ 2.5718, 2.6242,

340.2486, 366.4899

2.7041

384.4553,
402.1711, 433.4425

■ 0.9316, 0.9388,
0.9455

■ 0.0000, 0.0000,
0.0000

■ 70.1387, 73.0490,
78.1133

■ 70.1387, 73.0490,
78.1133

■ 62.6531, 62.5477,
61.8356

■ 78.5901, 84.8323,
96.7111

■ 56.0926, 53.2759,
47.7821

■ 85.1744, 94.9089,
108.4378

■ 50.4228, 45.1914,
35.8575

■ 45.6048, 38.2457,
25.9575

■ 41.5968, 32.3875,
17.9692

■ 38.3532, 27.5611,
11.7685

■ 35.8241, 23.7060,
7.2164

■ 33.9531, 20.7551,
4.1535

■ 32.6746, 18.6325,
2.3884

Harmonies

Analogous

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



70.2956, 73.0490, 79.3071



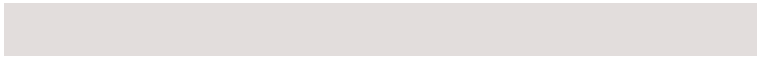
70.1387, 73.0490, 78.1133



69.7922, 73.0490, 77.3078

Triad

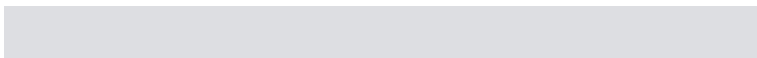
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.1387, 73.0490, 78.1133



68.6477, 73.0490, 78.5094



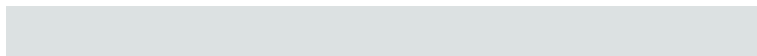
69.5116, 73.0490, 82.0298

Complementary

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



70.1387, 73.0490, 78.1133



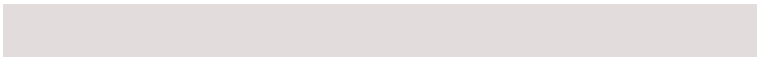
70.1677, 74.5558, 82.6447

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.



69.0708, 73.0490, 81.8106



70.1387, 73.0490, 78.1133



68.5733, 73.0490, 79.7692

Square

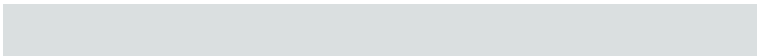
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.1387, 73.0490, 78.1133



68.9316, 73.0490, 77.5347



68.7278, 73.0490, 80.9798



69.9325, 73.0490, 81.5754

Rectangle

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



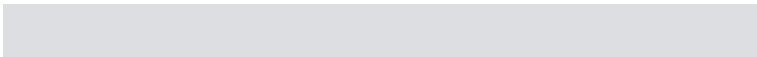
70.1387, 73.0490, 78.1133



69.5010, 73.0490, 77.0945



68.7278, 73.0490, 80.9798



69.3608, 73.0490, 82.0325

Sweetspot

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



70.1408, 73.0522, 78.1149



93.9685, 98.4896, 106.5275



70.5487, 72.7924, 81.5670



20.1245, 21.0968, 22.8263



0.0000, 0.0000, 0.0000



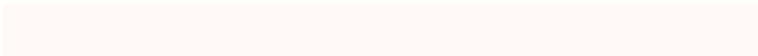
20.3446, 21.4041, 23.3091

Same Dimension

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



70.1408, 73.0522, 78.1149



91.8441, 95.5200, 101.8756



70.9388, 74.6483, 78.3809



14.8106, 15.3575, 16.2908



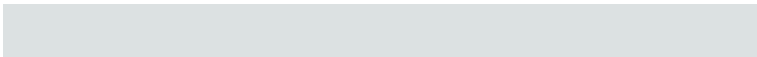
18.3436, 10.1250, 0.9875



1.3283, 0.8154, 0.0874

Inverse Universe

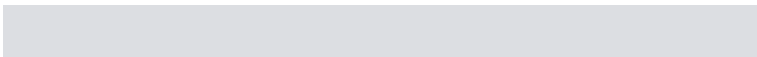
The Inverse Universe completely reimagines the original color for something new.



70.1677, 74.5558, 82.6447



91.8843, 97.7637, 108.6352



69.3649, 72.9502, 82.3771



14.8187, 15.8115, 17.6586



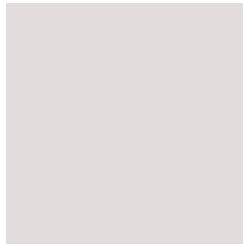
18.1884, 23.8463, 44.6925



1.3132, 1.7579, 3.1153

Previews

White Background



This preview shows how the XYZ color 70.1387, 73.0490, 78.1133 looks on a white background.

Color Contrast Check

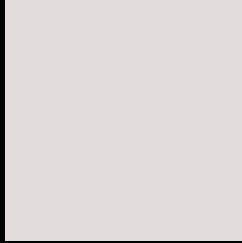
Large Text (above 18pt) WCAG AA × Fail

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 70.1387, 73.0490, 78.1133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

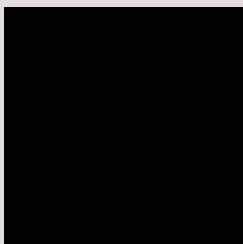
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

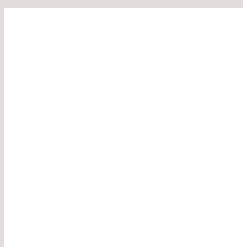
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.1387, 73.0490, 78.1133

Background



This preview shows how black text looks on a background with the XYZ color 70.1387, 73.0490, 78.1133.

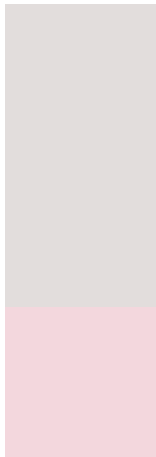


This preview shows how white text looks on a background with the XYZ color 70.1387, 73.0490,

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

70.1387, 73.0490, 78.1133

Protanopia

70.1387, 73.0490, 78.1133

Deuteranopia

74.3137, 72.8760, 78.5563



Tritanopia

72.4667, 73.2131, 89.6690

Trichromacy



Original Color

70.1387, 73.0490, 78.1133

Protanomaly

70.1387, 73.0490, 78.1133

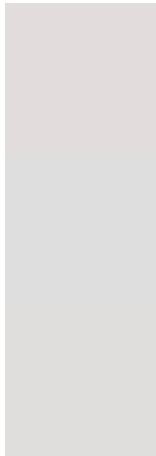
Deuteranomaly

72.7891, 72.8507, 78.6318

Tritanomaly

71.5547, 73.2305, 85.2265

Monochromacy



Original Color

70.1387, 73.0490, 78.1133

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.6038, 73.1510, 78.8576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1387, 73.0490, 78.1133 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(226, 221, 220) looks like.

```
.text, #text, p{  
    color:rgb(226, 221, 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(226, 221, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 221, 220) }
```

Border

The CSS property to change the border of an element to XYZ 70.1387, 73.0490, 78.1133 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(226, 221, 220) }
```


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

```
.border{ border-color:rgb(226, 221, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 221, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 221, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 221, 220);  
box-shadow:4px 4px 4px 4px rgb(226, 221,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1387, 73.0490, 78.1133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 221, 220) }
```

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

```
.background{ background-color: rgb(226,  
221, 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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