

Converting Colors

XYZ(70.9388, 74.6483, 78.3809)

Have a look what the booklet for
XYZ(70.9388, 74.6483, 78.3809)
contains.

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Color

**XYZ(70.9380, 74.6474,
78.3797)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E0DC
RGB	226, 224, 220
RGB Percent	89%, 88%, 86%
CMY	0.1137, 0.1215, 0.1372
CMYK	0.00, 0.01, 0.03, 0.11
HSL	40°, 9%, 87%
HSV	40°, 3%, 89%
XYZ	70.9380, 74.6474, 78.3797
YIQ	224.1420, 2.4760, -0.8200

Conversions

Conversions Part 2

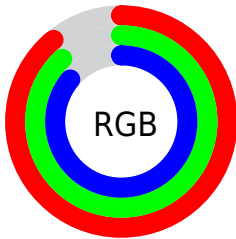
Format	Color
RYB	223, 226, 220
Decimal	14868700
CIELab	89.23, -0.03, 2.18
CIELCh	89, 2.183, 90.678
Yxy	74.6474, 0.3167, 0.3333
Android (android.graphics.Color)	4293058780 (0xFFE2E0DC)
YUV	224.1420, -2.0420, 1.6295
Hunter-Lab	86.3987, -4.6397, 6.6921

Details

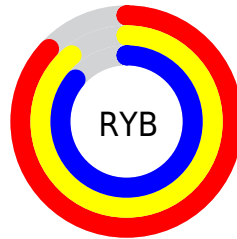
The XYZ color **70.9380, 74.6474, 78.3797** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.3640, 72.9483, 82.3771**, and the grayscale version is **70.9678, 74.6636, 81.3087**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7741, 39.7505, 41.2790** is the 20% darker color. If you saturate the color by 10%, you get **66.1694, 69.5802, 63.0076**, and if you desaturate by 10%, it is **76.2049, 80.0616, 95.9160**.

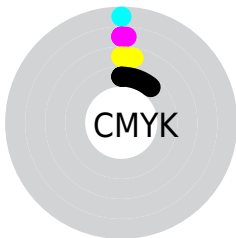
Distribution



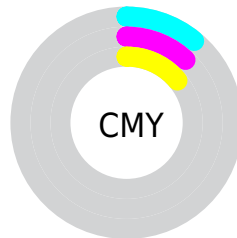
- Red (89%)
- Green (88%)
- Blue (86%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.9380, 74.6474, 78.3797 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 70.9380, 74.6474, 78.3797 by changing the saturation by 10% instead.

■ 70.9380, 74.6474,
78.3797

■ 70.9380, 74.6474,
78.3797

453.0519,
476.7048, 509.0174

■ 52.5740, 55.3241,
57.8676

119.5644,
125.8131, 132.8760

■ 37.6889, 39.6612,
41.2883

150.5575,
158.4243, 167.6973

■ 25.9174, 27.2745,
28.2230

186.4910,
196.2336, 208.1254

■ 16.8942, 17.7795,
18.2533

227.7303,
239.6253, 254.5789

■ 10.2539, 10.7918,
10.9607

274.6406,
288.9839, 307.4763

■ 5.6312, 5.9270,
5.9266

327.5874,

■ 2.6607, 2.8007,

344.6937, 367.2362

2.7324

386.9361,
407.1392, 434.2770

■ 0.9770, 1.0286,
0.9597

■ 0.0000, 0.0000,
0.0000

■ 70.9380, 74.6474,
78.3797

■ 70.9380, 74.6474,
78.3797

■ 66.1694, 69.5802,
63.0076

■ 76.2049, 80.0616,
95.9160

■ 61.8755, 64.8417,
49.7097

■ 80.2935, 85.1469,
106.8108

■ 58.0401, 60.4259,
38.3965

■ 82.5412, 89.6424,
107.5601

■ 54.6435, 56.3230,
28.9703

■ 84.8816, 94.3232,
108.3402

■ 51.6644, 52.5225,
21.3250

■ 85.1745, 94.9090,
108.4378

■ 49.0794, 49.0131,
15.3437

■ 46.8625, 45.7825,
10.8958

■ 44.9839, 42.8166,
7.8304

■ 43.4079, 40.0989,
5.9661

Harmonies

Analogous

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



71.4530, 74.6474, 78.7470



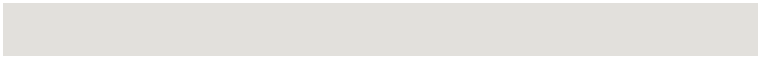
70.9380, 74.6474, 78.3797



70.4287, 74.6474, 78.7810

Triad

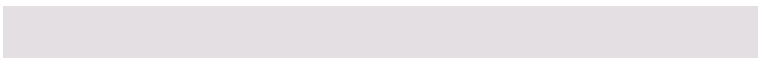
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.9380, 74.6474, 78.3797



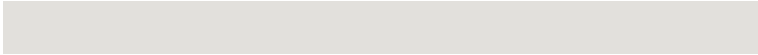
70.0727, 74.6474, 82.7845



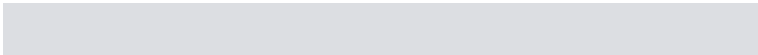
71.8471, 74.6474, 82.7237

Complementary

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



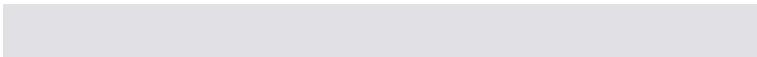
70.9380, 74.6474, 78.3797



69.3640, 72.9483, 82.3771

Split Complementary

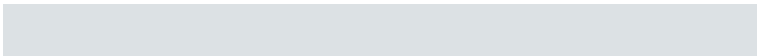
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.4741, 74.6474, 83.8279



70.9380, 74.6474, 78.3797



70.4496, 74.6474, 83.8633

Square

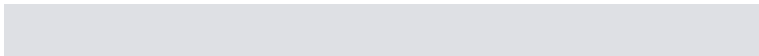
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



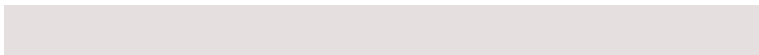
70.9380, 74.6474, 78.3797



69.9306, 74.6474, 81.3130



70.9622, 74.6474, 84.2476



71.9794, 74.6474, 81.2436

Rectangle

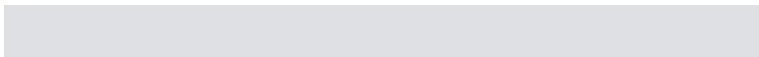
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.9380, 74.6474, 78.3797



70.1605, 74.6474, 79.4332



70.9622, 74.6474, 84.2476



71.7456, 74.6474, 83.1518

Sweetspot

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



70.9401, 74.6506, 78.3813



94.3721, 99.2968, 106.6620



70.1431, 72.6302, 79.4304



20.2067, 21.2610, 22.8537



0.0000, 0.0000, 0.0000



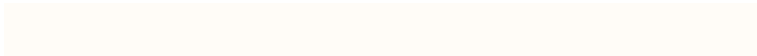
20.3446, 21.4041, 23.3091

Same Dimension

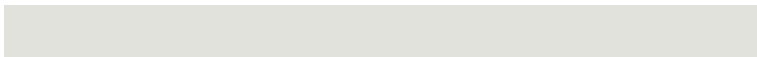
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.9401, 74.6506, 78.3813



93.0361, 97.9040, 102.2730



71.1670, 75.5687, 78.5466



15.0516, 15.8395, 16.3712



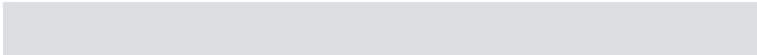
24.3030, 22.0439, 2.9740



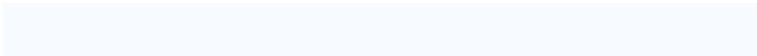
1.7657, 1.6904, 0.2332

Inverse Universe

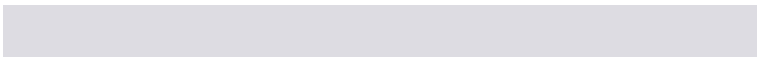
The Inverse Universe completely reimagines the original color for something new.



69.3640, 72.9483, 82.3771



90.6843, 95.3638, 108.2352



69.1406, 72.0507, 82.2157



14.5757, 15.3255, 17.5776



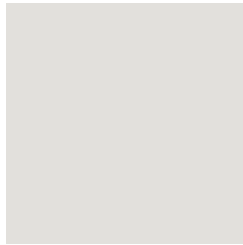
9.3717, 6.2129, 41.7536



0.7299, 0.5912, 2.9209

Previews

White Background



This preview shows how the XYZ color 70.9380, 74.6474, 78.3797 looks on a white background.

Color Contrast Check

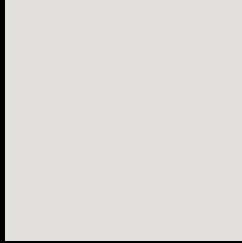
Large Text (above 18pt) WCAG AA × Fail

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 70.9380, 74.6474, 78.3797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

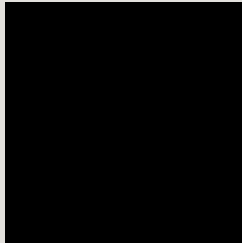
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

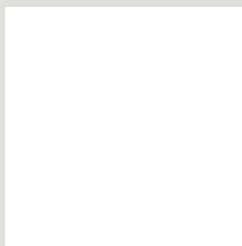
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.9380, 74.6474, 78.3797

Background



This preview shows how black text looks on a background with the XYZ color 70.9380, 74.6474, 78.3797.

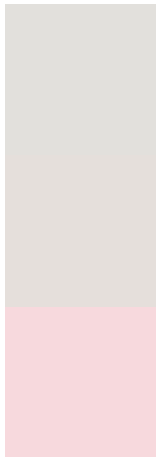


This preview shows how white text looks on a background with the XYZ color 70.9380, 74.6474,

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

70.9380, 74.6474, 78.3797

Protanopia

71.4870, 74.5478, 77.6392

Deuteranopia

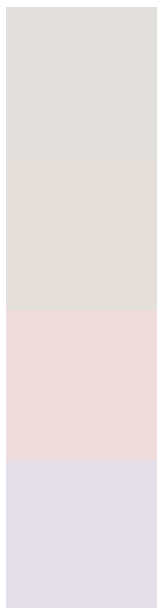
76.2218, 74.6203, 78.7925



Tritanopia

73.7495, 74.6029, 92.1741

Trichromacy



Original Color

70.9380, 74.6474, 78.3797

Protanomaly

71.1688, 74.3838, 77.6243

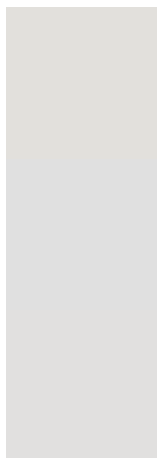
Deuteranomaly

74.2409, 74.7576, 78.9233

Tritanomaly

72.6817, 74.5627, 86.9052

Monochromacy



Original Color

70.9380, 74.6474, 78.3797

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.0263, 74.6466, 80.4768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9380, 74.6474, 78.3797 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, 224, 220) looks like.

```
.text, #text, p{  
    color:rgb(226, 224, 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, 224, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 224, 220) }
```

Border

The CSS property to change the border of an element to XYZ 70.9380, 74.6474, 78.3797 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, 224, 220) }
```


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

```
.border{ border-color:rgb(226, 224, 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, 224, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 224, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 224, 220);  
box-shadow:4px 4px 4px 4px rgb(226, 224,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9380, 74.6474, 78.3797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 224, 220) }
```

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

```
.background{ background-color: rgb(226,  
224, 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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