

Converting Colors

XYZ(70.7800, 74.8211, 84.0550)

Have a look what the booklet for
XYZ(70.7800, 74.8211, 84.0550)
contains.

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Color

**XYZ(70.7476, 74.8240,
84.1125)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE1E4
RGB	221, 225, 228
RGB Percent	87%, 88%, 89%
CMY	0.1333, 0.1176, 0.1059
CMYK	0.03, 0.01, 0.00, 0.11
HSL	206°, 11%, 88%
HSV	206°, 3%, 89%
XYZ	70.7476, 74.8240, 84.1125
YIQ	224.1460, -3.3470, 0.0850

Conversions

Conversions Part 2

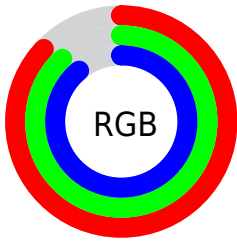
Format	Color
R _Y B	221, 224, 228
Decimal	14541284
CIE Lab	89.31, -0.79, -1.94
CIE LCh	89, 2.096, 247.878
Yxy	74.8240, 0.3080, 0.3258
Android (android.graphics.Color)	4292731364 (0xFFDDE1E4)
YUV	224.1460, 1.9000, -2.7590
Hunter-Lab	86.5009, -5.3844, 2.8977

Details

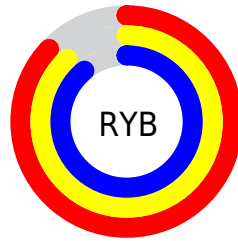
The XYZ color **70.7476, 74.8240, 84.1125** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.7019, 75.0250, 79.1099**, and the grayscale version is **70.9463, 74.6410, 81.2840**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.6434, 39.8736, 45.2475** is the 20% darker color. If you saturate the color by 10%, you get **61.7087, 66.3607, 82.9565**, and if you desaturate by 10%, it is **80.8844, 84.0814, 85.3662**.

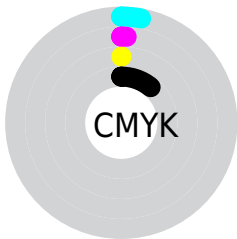
Distribution



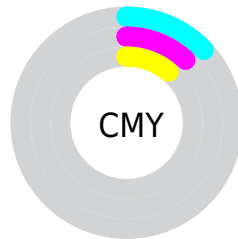
- Red (87%)
- Green (88%)
- Blue (89%)



- Red (87%)
- Yellow (88%)
- Blue (89%)



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



- Cyan (13%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.7476, 74.8240, 84.1125 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 70.7476, 74.8240, 84.1125 by changing the saturation by 10% instead.

■ 70.7476, 74.8240,
84.1125

■ 70.7476, 74.8240,
84.1125

452.3962,
477.3124, 528.7546

■ 52.4180, 55.4687,
62.5624

119.2947,
126.0632, 140.9957

■ 37.5640, 39.7771,
45.0486

150.2430,
158.7159, 177.1658

■ 25.8202, 27.3648,
31.1525

186.1283,
196.5699, 219.0464

■ 16.8211, 17.8474,
20.4555

227.3158,
240.0095, 267.0559

■ 10.2015, 10.8405,
12.5392

274.1710,
289.4192, 321.6130

■ 5.5961, 5.9597,
6.9851

327.0593,

■ 2.6394, 2.8206,

345.1833, 383.1361

3.3745

386.3459,
407.6862, 452.0437

■ 0.9661, 1.0388,
1.2889

■ 0.0000, 0.0000,
0.0526

■ 70.7476, 74.8240,
84.1125

■ 70.7476, 74.8240,
84.1125

■ 61.7087, 66.3607,
82.9565

■ 80.8844, 84.0814,
85.3662

■ 53.7209, 58.6574,
81.8906

■ 87.7526, 91.8791,
86.5093

■ 46.7437, 51.6914,
80.9137

■ 90.7760, 97.9258,
87.5171

■ 40.7310, 45.4352,
80.0231

■ 91.0038, 98.3815,
87.5931

■ 35.6332, 39.8591,
79.2155

■ 31.3955, 34.9308,
78.4876

■ 27.9571, 30.6146,
77.8357

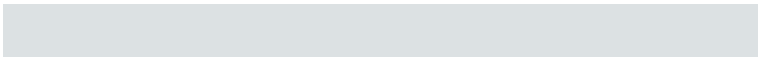
■ 25.2479, 26.8699,
77.2557

■ 23.1836, 23.6489,
76.7428

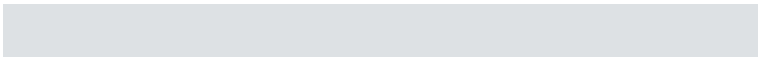
Harmonies

Analogous

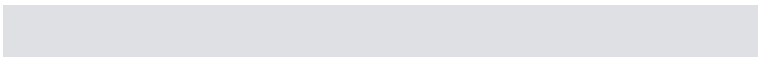
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.3432, 74.8240, 83.2153



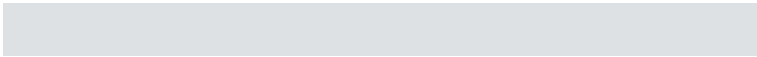
70.7476, 74.8240, 84.1125



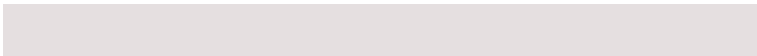
71.2531, 74.8240, 84.2976

Triad

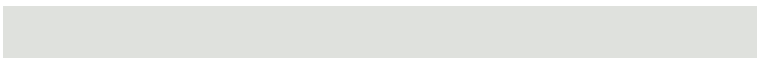
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.7476, 74.8240, 84.1125



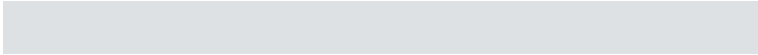
72.0983, 74.8240, 81.0845



70.5148, 74.8240, 79.2637

Complementary

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



70.7476, 74.8240, 84.1125



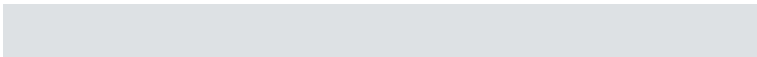
71.7019, 75.0250, 79.1099

Split Complementary

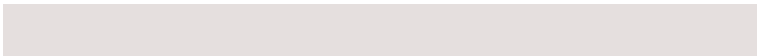
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.9830, 74.8240, 78.7075



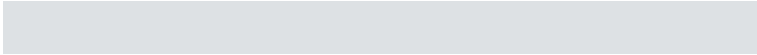
70.7476, 74.8240, 84.1125



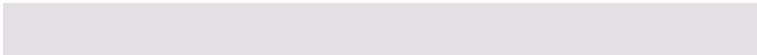
71.8984, 74.8240, 79.7505

Square

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



70.7476, 74.8240, 84.1125



72.0346, 74.8240, 82.5378



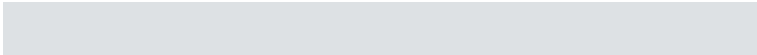
71.4896, 74.8240, 78.8846



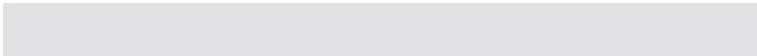
70.2092, 74.8240, 80.4127

Rectangle

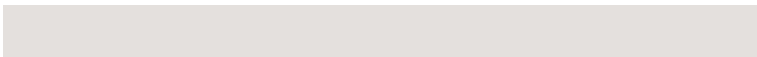
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.7476, 74.8240, 84.1125



71.5796, 74.8240, 83.9903



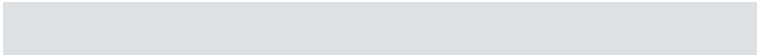
71.4896, 74.8240, 78.8846



70.6583, 74.8240, 79.0019

Sweetspot

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



70.7497, 74.8272, 84.1141



93.7708, 98.8251, 108.7406



71.0066, 76.2375, 81.4358



20.0843, 21.1650, 23.2767



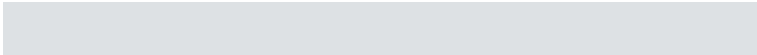
0.0000, 0.0000, 0.0000



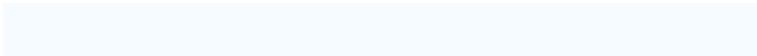
20.3446, 21.4041, 23.3091

Same Dimension

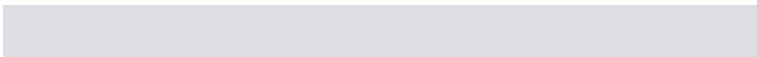
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.7497, 74.8272, 84.1141



90.0193, 95.3623, 108.2700



69.8343, 72.9963, 83.8090



15.2150, 16.1374, 18.4572



12.8466, 12.7553, 44.1681



1.0411, 1.1261, 3.2944

Inverse Universe

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



71.4436, 73.6445, 81.6872



91.1868, 93.3858, 104.1837



72.6304, 76.8821, 79.4194



15.4484, 15.7443, 17.6399



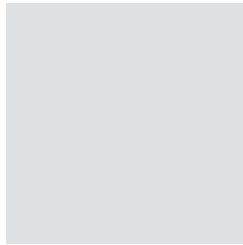
20.8779, 10.4854, 13.5178



1.5891, 0.7934, 1.2428

Previews

White Background



This preview shows how the XYZ color 70.7476, 74.8240, 84.1125 looks on a white background.

Color Contrast Check

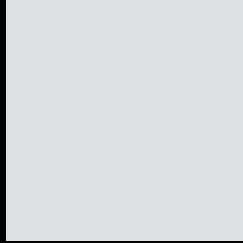
Large Text (above 18pt) WCAG AA × Fail

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 70.7476, 74.8240, 84.1125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

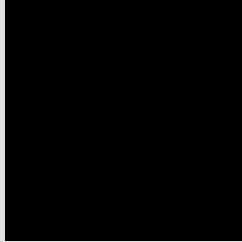
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

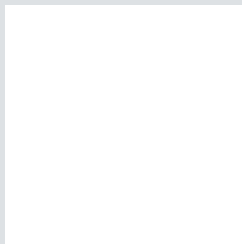
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.7476, 74.8240, 84.1125

Background



This preview shows how black text looks on a background with the XYZ color 70.7476, 74.8240, 84.1125.



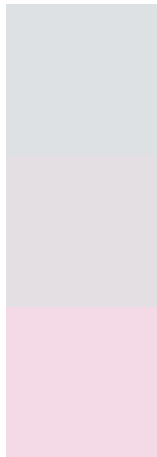
This preview shows how white text looks on a background with the XYZ color 70.7476, 74.8240,

84.1125.

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

70.7476, 74.8240, 84.1125

Protanopia

71.9314, 74.6523, 83.2912

Deuteranopia

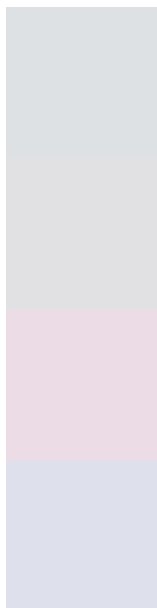
76.4040, 74.5720, 85.2298



Tritanopia

72.6963, 74.8142, 93.8282

Trichromacy



Original Color

70.7476, 74.8240, 84.1125

Protanomaly

71.5721, 74.8649, 83.3512

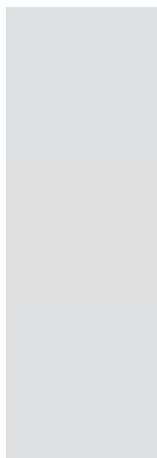
Deuteranomaly

74.3281, 74.6764, 84.6252

Tritanomaly

71.9202, 74.8970, 90.0229

Monochromacy



Original Color

70.7476, 74.8240, 84.1125

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.6777, 74.4355, 81.8765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7476, 74.8240, 84.1125 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(221, 225, 228) looks like.

```
.text, #text, p{  
    color:rgb(221, 225, 228)  
}
```

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(221, 225, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 225, 228) }
```

Border

The CSS property to change the border of an element to XYZ 70.7476, 74.8240, 84.1125 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(221, 225, 228) }
```


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

```
.border{ border-color:rgb(221, 225, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 225, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 225, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 225, 228);  
box-shadow:4px 4px 4px 4px rgb(221, 225,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7476, 74.8240, 84.1125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 225, 228) }
```

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

```
.background{ background-color: rgb(221,  
225, 228) }
```

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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