

Converting Colors

XYZ(71.5672, 74.6644, 83.8940)

Have a look what the booklet for
XYZ(71.5672, 74.6644, 83.8940)
contains.

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Color

**XYZ(71.7106, 74.9203,
84.0803)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E0E4
RGB	225, 224, 228
RGB Percent	88%, 88%, 89%
CMY	0.1176, 0.1215, 0.1059
CMYK	0.01, 0.02, 0.00, 0.11
HSL	255°, 7%, 89%
HSV	255°, 2%, 89%
XYZ	71.7106, 74.9203, 84.0803
YIQ	224.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

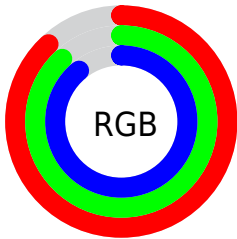
Format	Color
R_{YB}	225, 224, 228
Decimal	14803172
CIE Lab	89.36, 1.06, -1.84
CIE LCh	89, 2.125, 300.003
Yxy	74.9203, 0.3108, 0.3247
Android (android.graphics.Color)	4292993252 (0xFFE1E0E4)
YUV	224.7550, 1.5998, 0.2149
Hunter-Lab	86.5565, -3.5897, 2.9957

Details

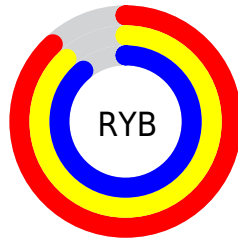
The XYZ color **71.7106, 74.9203, 84.0803** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.8793, 77.2015, 81.5850**, and the grayscale version is **71.3832, 75.1007, 81.7846**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3084, 39.9391, 45.2251** is the 20% darker color. If you saturate the color by 10%, you get **60.9186, 60.8639, 81.9371**, and if you desaturate by 10%, it is **83.8634, 90.9022, 86.5257**.

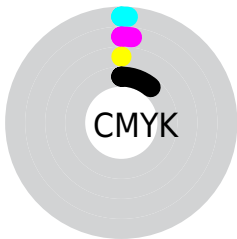
Distribution



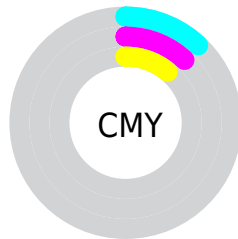
- Red (88%)
- Green (88%)
- Blue (89%)



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



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7106, 74.9203, 84.0803 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 71.7106, 74.9203, 84.0803 by changing the saturation by 10% instead.

■ 71.7106, 74.9203,
84.0803

■ 71.7106, 74.9203,
84.0803

455.7070,
477.6436, 528.6449

■ 53.2069, 55.5476,
62.5360

120.6580,
126.1995, 140.9502

■ 38.1961, 39.8403,
45.0273

151.8325,
158.8749, 177.1129

■ 26.3128, 27.4141,
31.1358

187.9612,
196.7532, 218.9854

■ 17.1917, 17.8844,
20.4430

229.4096,
240.2189, 266.9864

■ 10.4674, 10.8671,
12.5302

276.5431,
289.6564, 321.5342

■ 5.7746, 5.9775,
6.9789

329.7268,

■ 2.7479, 2.8314,

345.4501, 383.0476

3.3707

389.3264,
407.9844, 451.9449

■ 1.0219, 1.0444,
1.2869

■ 0.0000, 0.0000,
0.0510

■ 71.7106, 74.9203,
84.0803

■ 71.7106, 74.9203,
84.0803

■ 60.9186, 60.8639,
81.9371

■ 83.8634, 90.9022,
86.5257

■ 51.4329, 48.6503,
80.0796

■ 91.0038, 98.3815,
87.5930

■ 43.2046, 38.2050,
78.4971

■ 36.1793, 29.4449,
77.1765

■ 30.2983, 22.2797,
76.1034

■ 25.4980, 16.6110,
75.2623

■ 21.7082, 12.3289,
74.6355

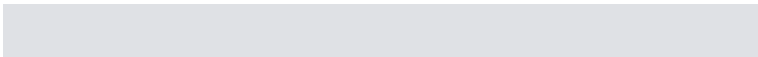
■ 18.8493, 9.3078,
74.2030

■ 16.8289, 7.3987,
73.9410

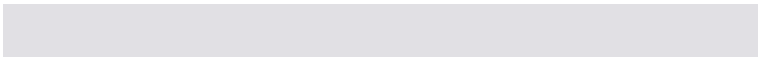
Harmonies

Analogous

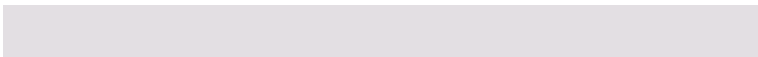
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.2095, 74.9203, 84.4724



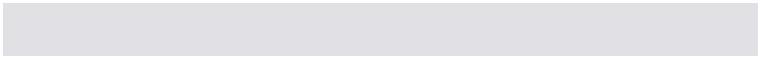
71.7106, 74.9203, 84.0803



72.0789, 74.9203, 83.0154

Triad

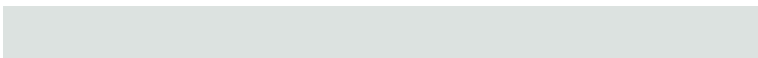
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.7106, 74.9203, 84.0803



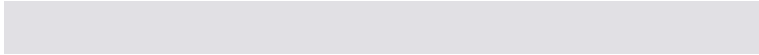
71.7105, 74.9203, 79.1208



70.2144, 74.9203, 81.5756

Complementary

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



71.7106, 74.9203, 84.0803



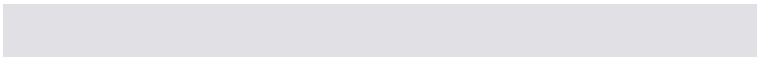
72.8793, 77.2015, 81.5850

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.



70.3471, 74.9203, 80.1523



71.7106, 74.9203, 84.0803



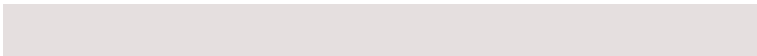
71.2095, 74.9203, 78.7455

Square

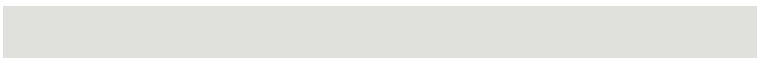
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



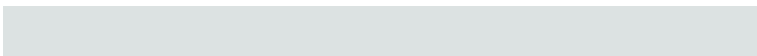
71.7106, 74.9203, 84.0803



72.0788, 74.9203, 80.1521



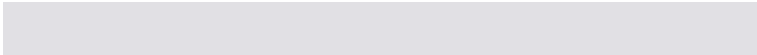
70.7107, 74.9203, 79.1209



70.3472, 74.9203, 83.0156

Rectangle

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



71.7106, 74.9203, 84.0803



72.1986, 74.9203, 82.0736



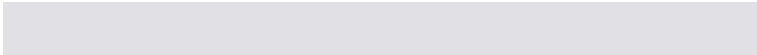
70.7107, 74.9203, 79.1209



70.2294, 74.9203, 81.0794

Sweetspot

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



71.7127, 74.9235, 84.0819



93.5411, 98.0225, 108.5978



72.2339, 76.4256, 84.3444



20.0376, 21.0017, 23.2476



0.0000, 0.0000, 0.0000



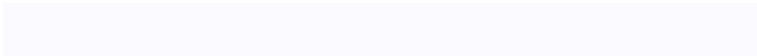
20.3446, 21.4041, 23.3091

Same Dimension

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



71.7127, 74.9235, 84.0819



92.0500, 96.0702, 108.2996



72.3192, 75.2362, 84.1103



15.7382, 16.4336, 18.4868



9.1466, 3.7811, 42.6309



0.7593, 0.3224, 3.1542

Inverse Universe

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



72.5183, 75.3548, 83.3997



93.2405, 96.7075, 107.2903



72.2726, 76.8887, 81.5566



15.9293, 16.5359, 18.3249



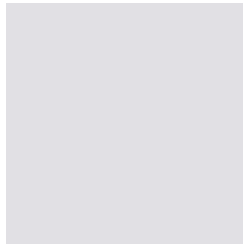
22.7780, 11.2454, 23.5238



1.7197, 0.8456, 1.9305

Previews

White Background



This preview shows how the XYZ color 71.7106, 74.9203, 84.0803 looks on a white background.

Color Contrast Check

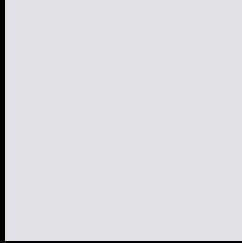
Large Text (above 18pt) WCAG AA × Fail

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 71.7106, 74.9203, 84.0803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

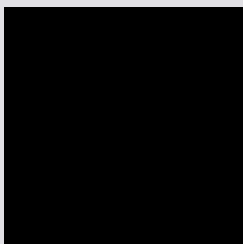
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

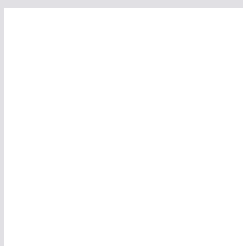
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.7106, 74.9203, 84.0803

Background



This preview shows how black text looks on a background with the XYZ color 71.7106, 74.9203, 84.0803.

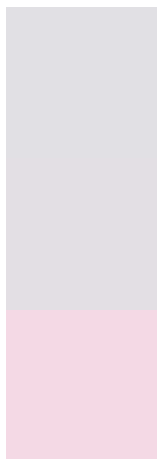


This preview shows how white text looks on a background with the XYZ color 71.7106, 74.9203,

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

71.7106, 74.9203, 84.0803

Protanopia

72.0698, 74.7077, 84.0203

Deuteranopia

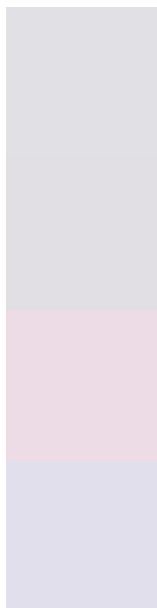
76.2639, 74.5159, 84.4922



Tritanopia

73.5280, 74.8647, 93.0131

Trichromacy



Original Color

71.7106, 74.9203, 84.0803

Protanomaly

71.7553, 74.5455, 84.0056

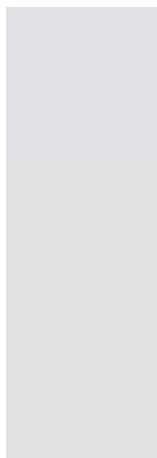
Deuteranomaly

74.6611, 74.8481, 84.6408

Tritanomaly

72.8920, 75.0002, 89.9916

Monochromacy



Original Color

71.7106, 74.9203, 84.0803

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.7040, 75.3490, 82.7161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7106, 74.9203, 84.0803 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(225, 224, 228) looks like.

```
.text, #text, p{  
    color:rgb(225, 224, 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(225, 224, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 224, 228) }
```

Border

The CSS property to change the border of an element to XYZ 71.7106, 74.9203, 84.0803 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(225, 224, 228) }
```


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

```
.border{ border-color:rgb(225, 224, 228) }
```

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

Here you see how a box with a 4 pixel rgb(225, 224, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 224, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 224, 228);  
box-shadow:4px 4px 4px 4px rgb(225, 224,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7106, 74.9203, 84.0803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 224, 228) }
```

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

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