

Converting Colors

XYZ(71.2118, 74.2475, 81.3885)

Have a look what the booklet for
XYZ(71.2118, 74.2475, 81.3885)
contains.

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Color

**XYZ(71.2063, 74.3259,
81.1144)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DFE0
RGB	226, 223, 224
RGB Percent	89%, 87%, 88%
CMY	0.1137, 0.1255, 0.1216
CMYK	0.00, 0.01, 0.01, 0.11
HSL	340°, 5%, 88%
HSV	340°, 1%, 89%
XYZ	71.2063, 74.3259, 81.1144
YIQ	224.0110, 1.4670, 0.9470

Conversions

Conversions Part 2

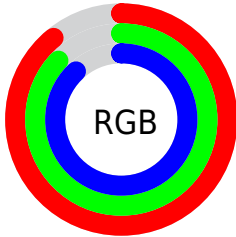
Format	Color
R _Y B	226, 223, 224
Decimal	14868448
CIE Lab	89.08, 1.20, -0.14
CIE LCh	89, 1.205, 353.388
Yxy	74.3259, 0.3142, 0.3279
Android (android.graphics.Color)	4293058528 (0xFFE2DFE0)
YUV	224.0110, -0.0054, 1.7444
Hunter-Lab	86.2125, -3.4416, 4.5648

Details

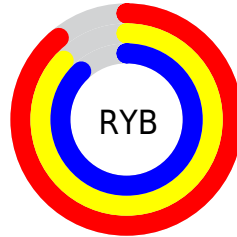
The XYZ color **71.2063, 74.3259, 81.1144** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.2212, 75.5190, 82.0608**, and the grayscale version is **70.8605, 74.5508, 81.1858**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9587, 39.5278, 43.1651** is the 20% darker color. If you saturate the color by 10%, you get **63.6110, 62.2648, 68.9328**, and if you desaturate by 10%, it is **79.7933, 88.0779, 94.5240**.

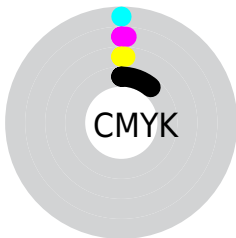
Distribution



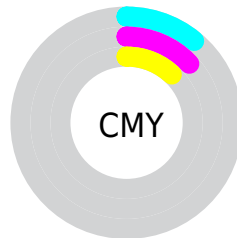
- Red (89%)
- Green (87%)
- Blue (88%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2063, 74.3259, 81.1144 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 71.2063, 74.3259, 81.1144 by changing the saturation by 10% instead.

■ 71.2063, 74.3259,
81.1144

■ 71.2063, 74.3259,
81.1144

453.9749,
475.5974, 518.4860

■ 52.7937, 55.0608,
60.1043

119.9443,
125.3577, 136.7569

■ 37.8649, 39.4504,
43.0768

151.0005,
157.8932, 172.2264

■ 26.0546, 27.1103,
29.6136

187.0019,
195.6209, 213.3527

■ 16.9974, 17.6561,
19.2959

228.3139,
238.9253, 260.5544

■ 10.3279, 10.7034,
11.7053

275.3018,
288.1908, 314.2500

■ 5.6808, 5.8677,
6.4233

328.3311,

■ 2.6908, 2.7648,

343.8017, 374.8582

3.0312

387.7670,
406.1424, 442.7973

■ 0.9924, 1.0102,
1.1106

■ 0.0000, 0.0000,
0.0000

■ 71.2063, 74.3259,
81.1144

■ 71.2063, 74.3259,
81.1144

■ 63.6110, 62.2648,
68.9328

■ 79.7933, 88.0779,
94.5240

■ 56.9648, 51.8197,
57.9392

■ 85.0416, 94.8558,
107.7376

■ 51.2310, 42.9243,
48.0980

■ 85.1746, 94.9090,
108.4378

■ 46.3682, 35.5041,
39.3702

■ 42.3319, 29.4782,
31.7147

■ 39.0731, 24.7581,
25.0873

■ 36.5377, 21.2448,
19.4405

■ 34.6640, 18.8251,
14.7225

■ 33.3789, 17.3639,
10.8755

Harmonies

Analogous

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



71.0983, 74.3259, 81.8955



71.2063, 74.3259, 81.1144



71.1635, 74.3259, 80.2887

Triad

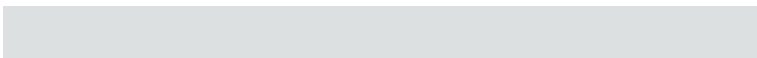
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.2063, 74.3259, 81.1144



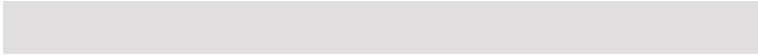
70.4209, 74.3259, 79.4547



70.3087, 74.3259, 82.2318

Complementary

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



71.2063, 74.3259, 81.1144



71.2212, 75.5190, 82.0608

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.



70.1281, 74.3259, 81.5712



71.2063, 74.3259, 81.1144



70.1928, 74.3259, 79.9687

Square

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



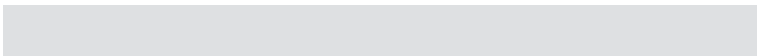
71.2063, 74.3259, 81.1144



70.7095, 74.3259, 79.3343



70.0857, 74.3259, 80.7424



70.5796, 74.3259, 82.5435

Rectangle

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



71.2063, 74.3259, 81.1144



71.0552, 74.3259, 79.8237



70.0857, 74.3259, 80.7424



70.2354, 74.3259, 82.0430

Sweetspot

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



71.2084, 74.3291, 81.1160

95.0500, 100.0000, 108.9000



71.1690, 74.2773, 82.5386



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



71.2084, 74.3291, 81.1160



92.9012, 96.5718, 105.5038



71.2073, 74.5425, 80.4509



15.1316, 15.7414, 17.1940



18.6698, 9.5349, 4.9271



1.3346, 0.6771, 0.5549

Inverse Universe

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



71.2084, 74.3291, 81.1160



92.9012, 96.5718, 105.5038



71.2220, 75.3023, 82.7337



15.1316, 15.7414, 17.1940



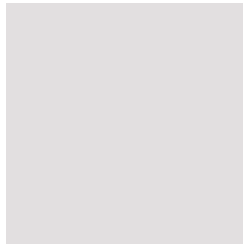
18.6698, 9.5349, 4.9271



1.3346, 0.6771, 0.5549

Previews

White Background



This preview shows how the XYZ color 71.2063, 74.3259, 81.1144 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 71.2063, 74.3259, 81.1144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

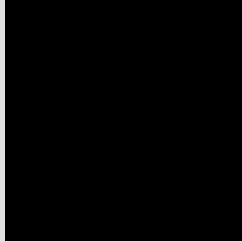
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

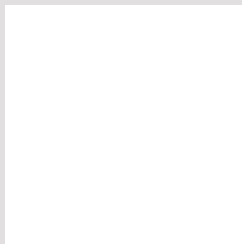
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.2063, 74.3259, 81.1144

Background



This preview shows how black text looks on a background with the XYZ color 71.2063, 74.3259, 81.1144.

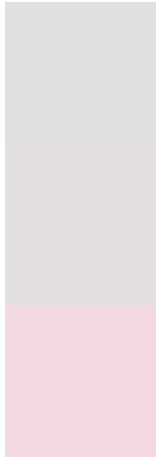


This preview shows how white text looks on a background with the XYZ color 71.2063, 74.3259,

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

71.2063, 74.3259, 81.1144

Protanopia

71.5208, 74.4881, 81.1291

Deuteranopia

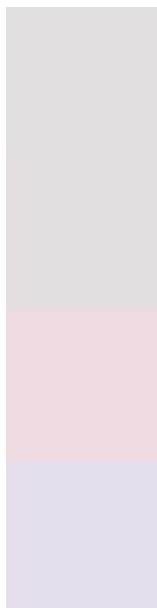
75.7117, 74.2950, 81.5841



Tritanopia

73.2840, 74.3799, 91.3832

Trichromacy



Original Color

71.2063, 74.3259, 81.1144

Protanomaly

71.5208, 74.4881, 81.1291

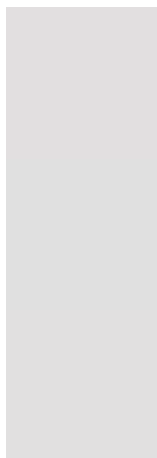
Deuteranomaly

73.8472, 74.1038, 81.6455

Tritanomaly

72.5078, 74.4566, 87.6408

Monochromacy



Original Color

71.2063, 74.3259, 81.1144

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.1615, 74.7007, 81.1891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2063, 74.3259, 81.1144 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, 223, 224) looks like.

```
.text, #text, p{  
    color:rgb(226, 223, 224)  
}
```

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, 223, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 223, 224) }
```

Border

The CSS property to change the border of an element to XYZ 71.2063, 74.3259, 81.1144 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, 223, 224) }
```

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

```
.border{ border-color:rgb(226, 223, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 223, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 223, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 223, 224); box-shadow:4px 4px 4px 4px rgb(226, 223, 224) }
```


Background

The CSS property to change the background color of an element to XYZ 71.2063, 74.3259, 81.1144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 223, 224) }
```

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

```
.background{ background-color: rgb(226,  
223, 224) }
```

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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