

Converting Colors

XYZ(70.4864, 70.7894, 85.2326)

Have a look what the booklet for
XYZ(70.4864, 70.7894, 85.2326)
contains.

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Color

**XYZ(70.4028, 70.7013,
85.5374)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D7E7
RGB	227, 215, 231
RGB Percent	89%, 84%, 91%
CMY	0.1098, 0.1568, 0.0941
CMYK	0.02, 0.07, 0.00, 0.09
HSL	285°, 25%, 87%
HSV	285°, 7%, 91%
XYZ	70.4028, 70.7013, 85.5374
YIQ	220.4120, 2.0160, 7.5200

Conversions

Conversions Part 2

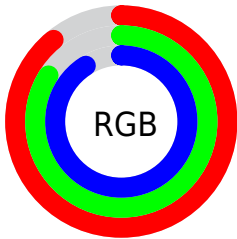
Format	Color
R_{YB}	227, 215, 231
Decimal	14931943
CIE _{Lab}	87.34, 6.97, -6.37
CIE _{LCh}	87, 9.441, 317.567
Yxy	70.7013, 0.3106, 0.3120
Android (android.graphics.Color)	4293122023 (0xFFE3D7E7)
YUV	220.4120, 5.2199, 5.7777
Hunter-Lab	84.0841, 2.3093, -1.4559

Details

The XYZ color **70.4028, 70.7013, 85.5374** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.0577, 77.1201, 75.4868**, and the grayscale version is **68.2807, 71.8366, 78.2301**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.3219, 37.0074, 45.7335** is the 20% darker color. If you saturate the color by 10%, you get **63.1403, 58.8348, 83.6308**, and if you desaturate by 10%, it is **78.5610, 84.2664, 87.7268**.

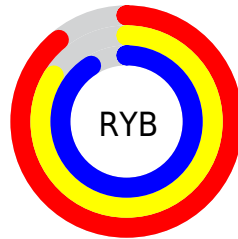
Distribution



Red (89%)

Green (84%)

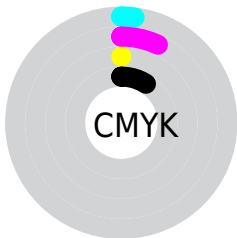
Blue (91%)



Red (89%)

Yellow (84%)

Blue (91%)

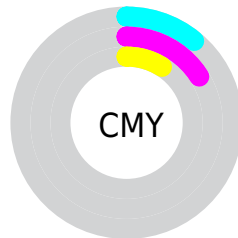


Cyan (2%)

Magenta (7%)

Yellow (0%)

Black (9%)



Cyan (11%)

Magenta (16%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.4028, 70.7013, 85.5374 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 70.4028, 70.7013, 85.5374 by changing the saturation by 10% instead.

70.4028, 70.7013,
85.5374

70.4028, 70.7013,
85.5374

451.2074,
463.0086, 533.5955

52.1358, 52.0985,
63.7328

118.8061,
120.2083, 143.0046

37.3380, 37.0836,
45.9895

149.6731,
151.8813, 179.5043

25.6442, 25.2722,
31.8889

185.4709,
188.6798, 221.7394

16.6889, 16.2800,
21.0126

226.5646,
230.9882, 270.1285

10.1069, 9.7225,
12.9419

273.3198,
279.1908, 325.0901

5.5327, 5.2153,
7.2583

326.1018,

2.6010, 2.3742,

333.6722, 387.0428

3.5432

385.2759,
394.8166, 456.4051

■ 0.9465, 0.8125,
1.3783

■ 0.0000, 0.0000,
0.1247

■ 70.4028, 70.7013,
85.5374

■ 70.4028, 70.7013,
85.5374

■ 63.1403, 58.8348,
83.6308

■ 78.5610, 84.2664,
87.7268

■ 56.7321, 48.5882,
81.9907

■ 85.6302, 95.5628,
89.5346

■ 51.1428, 39.8902,
80.6064

■ 87.6069, 96.5818,
89.6272

■ 46.3316, 32.6604,
79.4645

■ 89.6465, 97.6333,
89.7226

■ 42.2543, 26.8113,
78.5504

■ 91.4240, 98.5496,
89.8058

■ 38.8619, 22.2459,
77.8480

■ 36.0990, 18.8540,
77.3389

■ 33.9007, 16.5071,
77.0018

■ 32.1838, 15.0396,
76.8090

Harmonies

Analogous

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



68.4974, 70.7013, 89.2478



70.4028, 70.7013, 85.5374



71.4592, 70.7013, 79.6466

Triad

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



70.4028, 70.7013, 85.5374



68.1236, 70.7013, 65.6389



63.2075, 70.7013, 80.7346

Complementary

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



70.4028, 70.7013, 85.5374



70.0577, 77.1201, 75.4868

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.



63.1125, 70.7013, 74.3769



70.4028, 70.7013, 85.5374



65.9180, 70.7013, 65.8944

Square

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



70.4028, 70.7013, 85.5374



70.1240, 70.7013, 68.2982



64.0948, 70.7013, 69.0164



64.3574, 70.7013, 86.3716

Rectangle

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



70.4028, 70.7013, 85.5374



71.5249, 70.7013, 75.3814



64.0948, 70.7013, 69.0164



63.0521, 70.7013, 78.6045

Sweetspot

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



70.4049, 70.7043, 85.5389



92.9769, 96.5480, 108.3430



67.8522, 71.0220, 85.7348



19.9226, 20.7014, 23.1957



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.



70.4049, 70.7043, 85.5389



87.0321, 86.7132, 106.7580



71.1596, 71.1537, 82.8514



14.6247, 14.4243, 18.1577



17.8963, 8.2918, 43.0404



1.4060, 0.6558, 3.1844

Inverse Universe

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



70.0441, 70.7075, 76.9776



86.5177, 86.7214, 94.3844



69.3539, 76.7012, 77.9864



14.5241, 14.4268, 15.6942



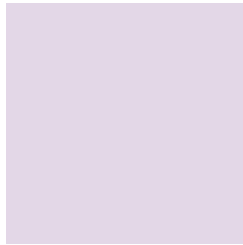
18.9417, 9.7109, 3.3219



1.4363, 0.7322, 0.4381

Previews

White Background



This preview shows how the XYZ color 70.4028, 70.7013, 85.5374 looks on a white background.

Color Contrast Check

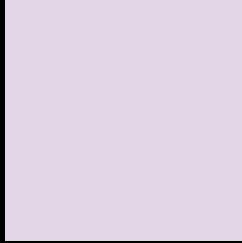
Large Text (above 18pt) WCAG AA × Fail

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 70.4028, 70.7013, 85.5374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

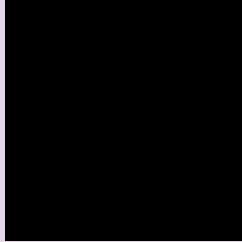
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

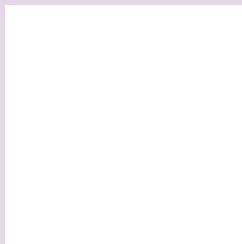
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.4028, 70.7013, 85.5374

Background



This preview shows how black text looks on a background with the XYZ color 70.4028, 70.7013, 85.5374.



This preview shows how white text looks on a background with the XYZ color 70.4028, 70.7013,

85.5374.

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

70.4028, 70.7013, 85.5374

Protanopia

68.9928, 71.0861, 87.1755

Deuteranopia

72.0407, 70.4056, 86.1366



Tritanopia

70.5445, 70.7580, 86.2835

Trichromacy



Original Color

70.4028, 70.7013, 85.5374

Protanomaly

69.5025, 70.9815, 86.3816

Deuteranomaly

71.3147, 70.4036, 86.1745

Tritanomaly

70.5445, 70.7580, 86.2835

Monochromacy



Original Color

70.4028, 70.7013, 85.5374

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.9574, 71.2126, 80.6320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4028, 70.7013, 85.5374 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(227, 215, 231) looks like.

```
.text, #text, p{  
    color:rgb(227, 215, 231)  
}
```

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(227, 215, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 215, 231) }
```

Border

The CSS property to change the border of an element to XYZ 70.4028, 70.7013, 85.5374 is called "border". The border property can be set on classes, ids or directly on the HTML element.

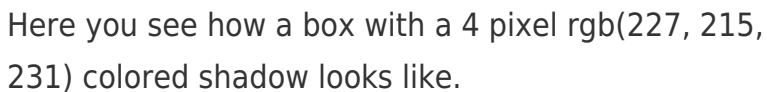
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 215, 231) }
```


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

```
.border{ border-color:rgb(227, 215, 231) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 215, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 215, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 215, 231); box-shadow:4px 4px 4px 4px rgb(227, 215, 231) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4028, 70.7013, 85.5374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 215, 231) }
```

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

```
.background{ background-color: rgb(227,  
215, 231) }
```

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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