

Converting Colors

XYZ(70.1589, 71.7895, 80.0521)

Have a look what the booklet for
XYZ(70.1589, 71.7895, 80.0521)
contains.

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Color

**XYZ(70.0692, 71.8014,
79.9781)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DADF
RGB	227, 218, 223
RGB Percent	89%, 85%, 87%
CMY	0.1098, 0.1451, 0.1255
CMYK	0.00, 0.04, 0.02, 0.11
HSL	327°, 14%, 87%
HSV	327°, 4%, 89%
XYZ	70.0692, 71.8014, 79.9781
YIQ	221.2610, 3.7590, 3.4630

Conversions

Conversions Part 2

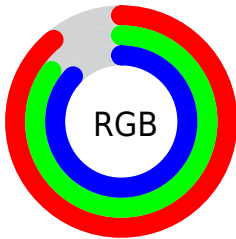
Format	Color
R _Y B	227, 218, 223
Decimal	14932703
CIE Lab	87.87, 3.95, -1.36
CIE LCh	88, 4.182, 340.981
Yxy	71.8014, 0.3158, 0.3237
Android (android.graphics.Color)	4293122783 (0xFFE3DADF)
YUV	221.2610, 0.8573, 5.0331
Hunter-Lab	84.7357, -0.6832, 3.3539

Details

The XYZ color **70.0692, 71.8014, 79.9781** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.5700, 75.1193, 79.9435**, and the grayscale version is **68.9046, 72.4930, 78.9449**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.1783, 37.7922, 42.3809** is the 20% darker color. If you saturate the color by 10%, you get **63.2612, 60.2977, 71.1945**, and if you desaturate by 10%, it is **77.7686, 84.9561, 89.4608**.

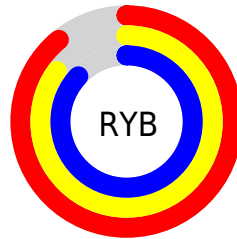
Distribution



Red (89%)

Green (85%)

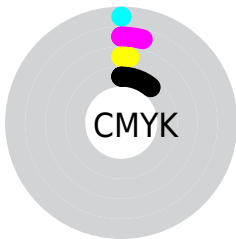
Blue (87%)



Red (89%)

Yellow (85%)

Blue (87%)

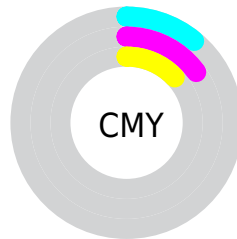


Cyan (0%)

Magenta (4%)

Yellow (2%)

Black (11%)



Cyan (11%)

Magenta (15%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.0692, 71.8014, 79.9781 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 70.0692, 71.8014, 79.9781 by changing the saturation by 10% instead.

70.0692, 71.8014,
79.9781

70.0692, 71.8014,
79.9781

450.0556,
466.8501, 514.5638

51.8628, 52.9965,
59.1743

118.3332,
121.7741, 135.1461

37.1195, 37.7999,
42.3325

149.1214,
153.7107, 170.3473

25.4741, 25.8275,
29.0342

184.8343,
190.7933, 211.1847

16.5613, 16.6946,
18.8609

225.8371,
233.4063, 258.0769

10.0155, 10.0170,
11.3940

272.4953,
281.9340, 311.4423

5.4716, 5.4102,
6.2150

325.1742,

2.5641, 2.4899,

336.7610, 371.6996

2.9054

384.2392,
398.2715, 439.2673

■ 0.9277, 0.8716,
1.0465

■ 0.0000, 0.0000,
0.0000

■ 70.0692, 71.8014,
79.9781

■ 70.0692, 71.8014,
79.9781

■ 63.2612, 60.2977,
71.1945

■ 77.7686, 84.9561,
89.4608

■ 57.3045, 50.3701,
63.0872

■ 83.6449, 94.3335,
98.7418

■ 52.1649, 41.9514,
55.6384

■ 85.2132, 94.9608,
107.0004

■ 47.8036, 34.9664,
48.8281

■ 85.4889, 95.0711,
108.4525

■ 44.1784, 29.3329,
42.6345

■ 41.2428, 24.9608,
37.0344

■ 38.9447, 21.7483,
32.0025

■ 37.2241, 19.5783,
27.5105

■ 36.0083, 18.3078,
23.5256

Harmonies

Analogous

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



69.5070, 71.8014, 82.3878



70.0692, 71.8014, 79.9781



70.1398, 71.8014, 77.1408

Triad

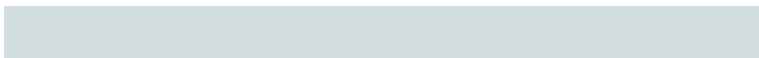
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.0692, 71.8014, 79.9781



67.8814, 71.8014, 72.9248



66.8114, 71.8014, 81.8269

Complementary

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



70.0692, 71.8014, 79.9781



69.5700, 75.1193, 79.9435

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.



66.3847, 71.8014, 79.2275



70.0692, 71.8014, 79.9781



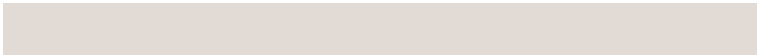
66.9985, 71.8014, 74.1170

Square

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



70.0692, 71.8014, 79.9781



68.8702, 71.8014, 73.1147



66.4529, 71.8014, 76.4081



67.6237, 71.8014, 83.4730

Rectangle

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



70.0692, 71.8014, 79.9781



69.8979, 71.8014, 75.3938



66.4529, 71.8014, 76.4081



66.6185, 71.8014, 81.0330

Sweetspot

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



70.0712, 71.8045, 79.9797



94.0599, 98.3110, 107.6721



69.0328, 71.2061, 82.7797



20.1431, 21.0604, 23.0592



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.



70.0712, 71.8045, 79.9797



90.2172, 91.7734, 102.8527



69.4860, 71.5704, 76.8978



15.2931, 15.4875, 17.4219



20.7337, 10.4277, 12.7586



1.5788, 0.7892, 1.1882

Inverse Universe

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



70.0712, 71.8045, 79.9797



90.2172, 91.7734, 102.8527



70.1671, 75.3582, 83.0881



15.2931, 15.4875, 17.4219



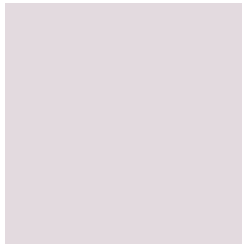
20.7337, 10.4277, 12.7586



1.5788, 0.7892, 1.1882

Previews

White Background



This preview shows how the XYZ color 70.0692, 71.8014, 79.9781 looks on a white background.

Color Contrast Check

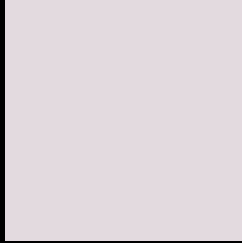
Large Text (above 18pt) WCAG AA × Fail

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 70.0692, 71.8014, 79.9781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

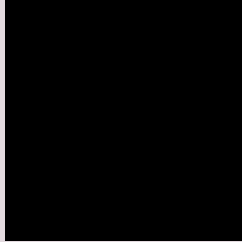
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

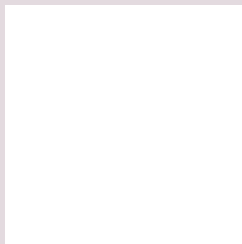
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.0692, 71.8014, 79.9781

Background



This preview shows how black text looks on a background with the XYZ color 70.0692, 71.8014, 79.9781.

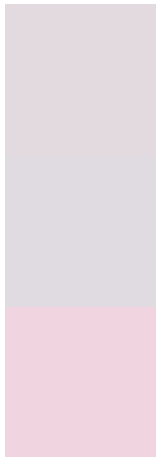


This preview shows how white text looks on a background with the XYZ color 70.0692, 71.8014,

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

70.0692, 71.8014, 79.9781

Protanopia

69.2175, 71.7328, 80.7187

Deuteranopia

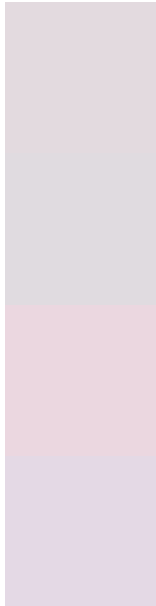
73.1840, 71.4956, 80.4638



Tritanopia

71.5769, 71.6529, 87.1487

Trichromacy



Original Color

70.0692, 71.8014, 79.9781

Protanomaly

69.5265, 71.8921, 80.7331

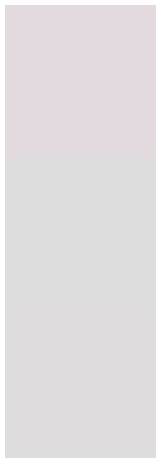
Deuteranomaly

72.0159, 71.6449, 80.5542

Tritanomaly

70.9506, 71.7768, 84.2436

Monochromacy



Original Color

70.0692, 71.8014, 79.9781

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.2094, 72.1483, 79.3855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0692, 71.8014, 79.9781 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, 218, 223) looks like.

```
.text, #text, p{  
    color:rgb(227, 218, 223)  
}
```

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, 218, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 218, 223) }
```

Border

The CSS property to change the border of an element to XYZ 70.0692, 71.8014, 79.9781 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, 218, 223) }
```


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

```
.border{ border-color:rgb(227, 218, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 218, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 218, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 218, 223);  
box-shadow:4px 4px 4px 4px rgb(227, 218,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0692, 71.8014, 79.9781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 218, 223) }
```

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

```
.background{ background-color: rgb(227,  
218, 223) }
```

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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