

Converting Colors

XYZ(70.2880, 73.8890, 81.5692)

Have a look what the booklet for
XYZ(70.2880, 73.8890, 81.5692)
contains.

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Color

**XYZ(70.4097, 73.8996,
81.7872)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDFE1
RGB	223, 223, 225
RGB Percent	87%, 87%, 88%
CMY	0.1255, 0.1255, 0.1176
CMYK	0.01, 0.01, 0.00, 0.12
HSL	240°, 3%, 88%
HSV	240°, 1%, 88%
XYZ	70.4097, 73.8996, 81.7872
YIQ	223.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

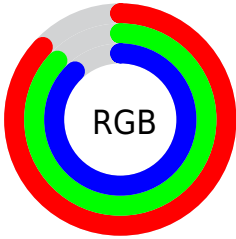
Format	Color
RYB	223, 223, 225
Decimal	14671841
CIELab	88.88, 0.37, -0.99
CIELCh	89, 1.051, 290.327
Yxy	73.8996, 0.3114, 0.3268
Android (android.graphics.Color)	4292861921 (0xFFDFDFE1)
YUV	223.2280, 0.8736, -0.2000
Hunter-Lab	85.9649, -4.2378, 3.7668

Details

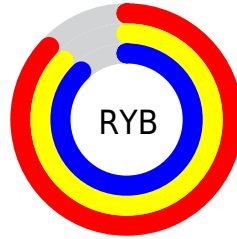
The XYZ color **70.4097, 73.8996, 81.7872** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.2958, 75.1847, 80.5675**, and the grayscale version is **70.2974, 73.9584, 80.5407**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4068, 39.2324, 43.6313** is the 20% darker color. If you saturate the color by 10%, you get **58.3262, 59.3486, 79.6166**, and if you desaturate by 10%, it is **84.2143, 90.5232, 84.2694**.

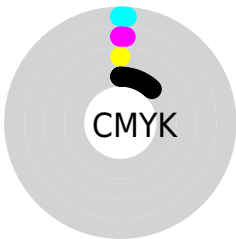
Distribution



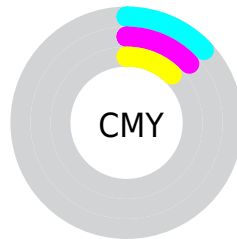
- Red (87%)
- Green (87%)
- Blue (88%)



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



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.4097, 73.8996, 81.7872 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 70.4097, 73.8996, 81.7872 by changing the saturation by 10% instead.

■ 70.4097, 73.8996,
81.7872

■ 70.4097, 73.8996,
81.7872

451.2312,
474.1268, 520.8004

■ 52.1414, 54.7119,
60.6554

118.8159,
124.7535, 137.7095

■ 37.3425, 39.1711,
43.5183

149.6846,
157.1884, 173.3371

■ 25.6477, 26.8928,
29.9576

185.4840,
194.8079, 214.6337

■ 16.6916, 17.4928,
19.5546

226.5797,
237.9962, 262.0178

■ 10.1088, 10.5864,
11.8909

273.3369,
287.1379, 315.9080

■ 5.5340, 5.7895,
6.5478

326.1210,

■ 2.6018, 2.7175,

342.6173, 376.7228

3.1068

385.2973,
404.8188, 444.8807

■ 0.9469, 0.9861,
1.1494

■ 0.0000, 0.0000,
0.0000

■ 70.4097, 73.8996,
81.7872

■ 70.4097, 73.8996,
81.7872

■ 58.3262, 59.3486,
79.6166

■ 84.2143, 90.5232,
84.2694

■ 47.8904, 46.7799,
77.7406

■ 90.5908, 98.2163,
85.4183

■ 39.0327, 36.1105,
76.1480

■ 31.6765, 27.2483,
74.8252

■ 25.7385, 20.0932,
73.7571

■ 21.1275, 14.5354,
72.9273

■ 17.7416, 10.4524,
72.3177

■ 15.4642, 7.7041,
71.9072

■ 14.1560, 6.1232,
71.6710

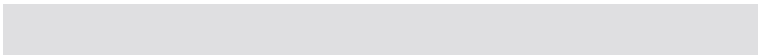
Harmonies

Analogous

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



70.1571, 73.8996, 81.8554



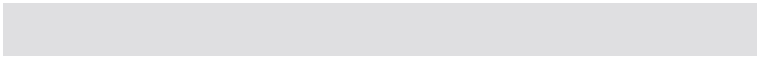
70.4097, 73.8996, 81.7872



70.6172, 73.8996, 81.3633

Triad

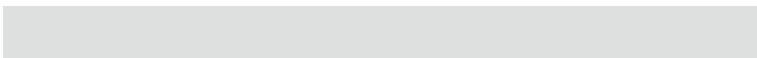
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.4097, 73.8996, 81.7872



70.5526, 73.8996, 79.3888



69.7574, 73.8996, 80.2285

Complementary

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



70.4097, 73.8996, 81.7872



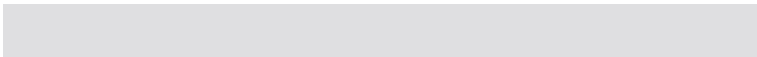
71.2958, 75.1847, 80.5675

Split Complementary

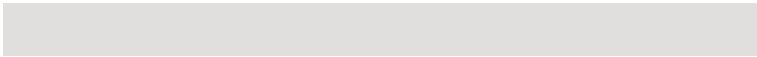
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.8629, 73.8996, 79.5715



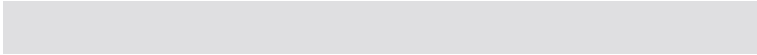
70.4097, 73.8996, 81.7872



70.3217, 73.8996, 79.0887

Square

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



70.4097, 73.8996, 81.7872



70.6998, 73.8996, 79.9776



70.0693, 73.8996, 79.1553



69.7809, 73.8996, 80.9526

Rectangle

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



70.4097, 73.8996, 81.7872



70.7018, 73.8996, 80.9375



70.0693, 73.8996, 79.1553



69.7790, 73.8996, 79.9926

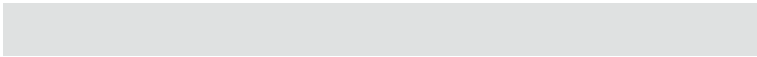
Sweetspot

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



70.4118, 73.9028, 81.7888

95.0500, 100.0000, 108.9000



70.9438, 74.9740, 81.9437



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.



70.4118, 73.9028, 81.7888



93.3115, 97.9065, 108.5875



70.7095, 74.0546, 81.8024



15.1943, 15.9453, 17.6646



7.8353, 3.1402, 41.2415



0.5439, 0.2192, 2.8589

Inverse Universe

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



70.7599, 74.1119, 80.3914



93.8348, 98.2210, 106.4869



70.9964, 75.0319, 80.5537



15.2742, 15.9933, 17.3441



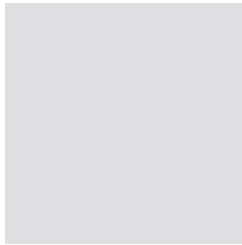
17.8951, 9.2250, 0.8475



1.2408, 0.6396, 0.0608

Previews

White Background



This preview shows how the XYZ color 70.4097, 73.8996, 81.7872 looks on a white background.

Color Contrast Check

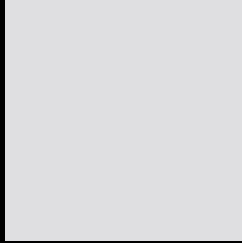
Large Text (above 18pt) WCAG AA × Fail

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 70.4097, 73.8996, 81.7872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

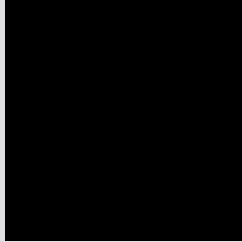
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

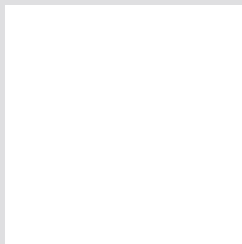
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.4097, 73.8996, 81.7872

Background



This preview shows how black text looks on a background with the XYZ color 70.4097, 73.8996, 81.7872.

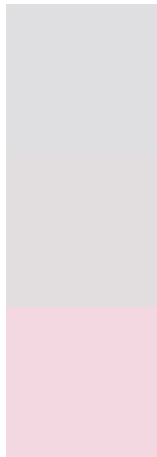


This preview shows how white text looks on a background with the XYZ color 70.4097, 73.8996,

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

70.4097, 73.8996, 81.7872

Protanopia

70.9399, 73.7931, 81.0256

Deuteranopia

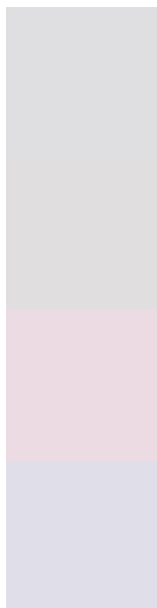
75.2455, 73.6574, 82.2029



Tritanopia

72.3404, 73.8935, 91.3390

Trichromacy



Original Color

70.4097, 73.8996, 81.7872

Protanomaly

70.6272, 73.6319, 81.0109

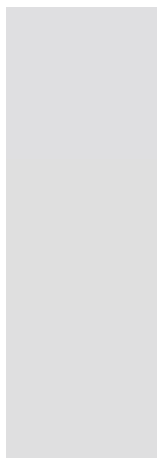
Deuteranomaly

73.6511, 73.9869, 82.3506

Tritanomaly

71.5697, 73.9730, 87.5969

Monochromacy



Original Color

70.4097, 73.8996, 81.7872

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.2736, 73.8451, 81.0707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4097, 73.8996, 81.7872 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(223, 223, 225) looks like.

```
.text, #text, p{  
    color:rgb(223, 223, 225)  
}
```

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(223, 223, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 223, 225) }
```

Border

The CSS property to change the border of an element to XYZ 70.4097, 73.8996, 81.7872 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(223, 223, 225) }
```

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

```
.border{ border-color:rgb(223, 223, 225) }
```

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

Here you see how a box with a 4 pixel rgb(223, 223, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 223, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 223, 225);  
box-shadow:4px 4px 4px 4px rgb(223, 223,  
225) }
```


Background

The CSS property to change the background color of an element to XYZ 70.4097, 73.8996, 81.7872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 223, 225) }
```

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

```
.background{ background-color: rgb(223,  
223, 225) }
```

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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