

Converting Colors

XYZ(69.1188, 72.0653, 81.5075)

Have a look what the booklet for
XYZ(69.1188, 72.0653, 81.5075)
contains.

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Color

**XYZ(69.0026, 71.9948,
81.4937)**

Conversions

Conversions Part 1

Format	Color
Hex	DDDCE1
RGB	221, 220, 225
RGB Percent	87%, 86%, 88%
CMY	0.1333, 0.1372, 0.1176
CMYK	0.02, 0.02, 0.00, 0.12
HSL	252°, 8%, 87%
HSV	252°, 2%, 88%
XYZ	69.0026, 71.9948, 81.4937
YIQ	220.8690, -1.0090, 1.7670

Conversions

Conversions Part 2

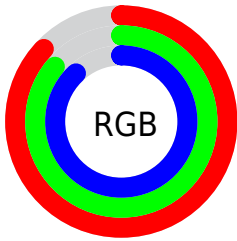
Format	Color
R_{YB}	221, 220, 225
Decimal	14540001
CIE _{Lab}	87.97, 1.25, -2.34
CIE _{LCh}	88, 2.648, 298.139
Y _{xy}	71.9948, 0.3101, 0.3236
Android (android.graphics.Color)	4292730081 (0xFFDDDC _{E1})
Y _{UV}	220.8690, 2.0366, 0.1149
Hunter-Lab	84.8497, -3.3250, 2.4499

Details

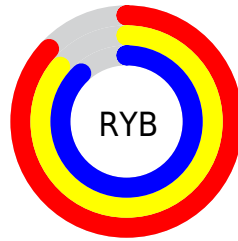
The XYZ color **69.0026, 71.9948, 81.4937** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.5867, 74.8669, 78.4443**, and the grayscale version is **68.6238, 72.1976, 78.6231**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4367, 37.9195, 43.4290** is the 20% darker color. If you saturate the color by 10%, you get **58.2973, 58.2935, 79.4144**, and if you desaturate by 10%, it is **81.0952, 87.5952, 83.8686**.

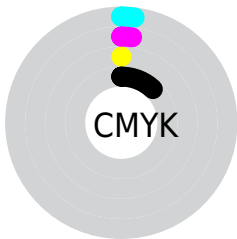
Distribution



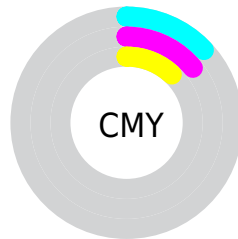
- Red (87%)
- Green (86%)
- Blue (88%)



- Red (87%)
- Yellow (86%)
- Blue (88%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (12%)



- Cyan (13%)
- Magenta (14%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0026, 71.9948, 81.4937 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 69.0026, 71.9948, 81.4937 by changing the saturation by 10% instead.

■ 69.0026, 71.9948,
81.4937

■ 69.0026, 71.9948,
81.4937

446.3614,
467.5235, 519.7915

■ 50.9905, 53.1544,
60.4149

116.8193,
122.0491, 137.2941

■ 36.4220, 37.9261,
43.3257

147.3547,
154.0319, 172.8527

■ 24.9319, 25.9253,
29.8074

182.7951,
191.1642, 214.0751

■ 16.1548, 16.7678,
19.4417

223.5060,
233.8305, 261.3797

■ 9.7253, 10.0691,
11.8098

269.8527,
282.4152, 315.1851

■ 5.2781, 5.4448,
6.4933

322.2006,

■ 2.4478, 2.5105,

337.3027, 375.9099

3.0737

380.9151,
398.8773, 443.9725

■ 0.8690, 0.8819,
1.1324

■ 0.0000, 0.0000,
0.0000

■ 69.0026, 71.9948,
81.4937

■ 69.0026, 71.9948,
81.4937

■ 58.2973, 58.2935,
79.4144

■ 81.0952, 87.5952,
83.8686

■ 48.9232, 46.4093,
77.6146

■ 90.5908, 98.2163,
85.4182

■ 40.8293, 36.2683,
76.0838

■ 33.9590, 27.7875,
74.8089

■ 28.2512, 20.8773,
73.7759

■ 23.6395, 15.4395,
72.9694

■ 20.0507, 11.3646,
72.3720

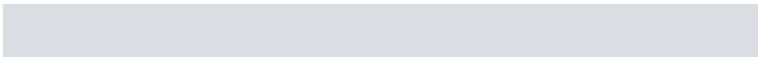
■ 17.4018, 8.5276,
71.9640

■ 15.5957, 6.7792,
71.7218

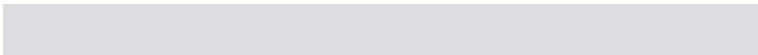
Harmonies

Analogous

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



68.3895, 71.9948, 81.9139



69.0026, 71.9948, 81.4937



69.4644, 71.9948, 80.2383

Triad

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



69.0026, 71.9948, 81.4937



69.0712, 71.9948, 75.4762



67.2236, 71.9948, 78.2773

Complementary

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



69.0026, 71.9948, 81.4937



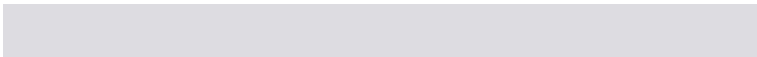
70.5867, 74.8669, 78.4443

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.



67.4038, 71.9948, 76.5705



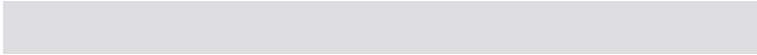
69.0026, 71.9948, 81.4937



68.4683, 71.9948, 74.9688

Square

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



69.0026, 71.9948, 81.4937



69.5042, 71.9948, 76.7630



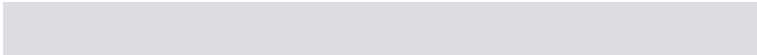
67.8584, 71.9948, 75.3663



67.3648, 71.9948, 80.0400

Rectangle

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



69.0026, 71.9948, 81.4937



69.6230, 71.9948, 79.1063



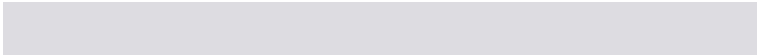
67.8584, 71.9948, 75.3663



67.2486, 71.9948, 77.6782

Sweetspot

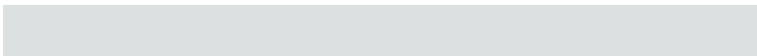
The Sweet Spot groups the original color and five complimentary colors.



69.0047, 71.9979, 81.4953



93.4948, 97.9986, 108.5957



69.7862, 74.0101, 81.8425



20.0281, 20.9968, 23.2471



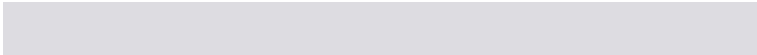
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



69.0047, 71.9979, 81.4953



90.4404, 94.0727, 107.9989



69.7462, 72.3802, 81.5300



14.5264, 15.0651, 17.5299



8.5276, 3.4914, 41.2728



0.6638, 0.2795, 2.8642

Inverse Universe

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



70.1016, 72.5791, 80.8391



92.4132, 95.1179, 106.8142



69.8426, 74.4833, 78.4094



14.9259, 15.2768, 17.2892



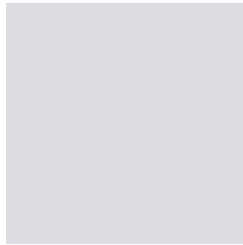
22.6908, 11.1433, 26.1013



1.6030, 0.7845, 1.9681

Previews

White Background



This preview shows how the XYZ color 69.0026, 71.9948, 81.4937 looks on a white background.

Color Contrast Check

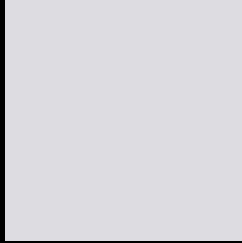
Large Text (above 18pt) WCAG AA × Fail

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 69.0026, 71.9948, 81.4937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

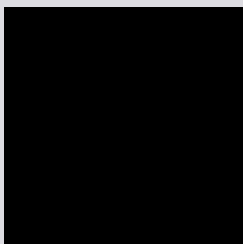
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

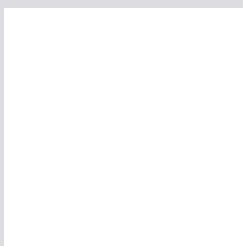
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0026, 71.9948, 81.4937

Background



This preview shows how black text looks on a background with the XYZ color 69.0026, 71.9948, 81.4937.

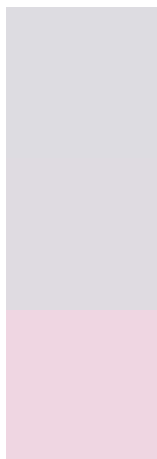


This preview shows how white text looks on a background with the XYZ color 69.0026, 71.9948,

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

69.0026, 71.9948, 81.4937

Protanopia

69.3536, 71.7873, 81.4352

Deuteranopia

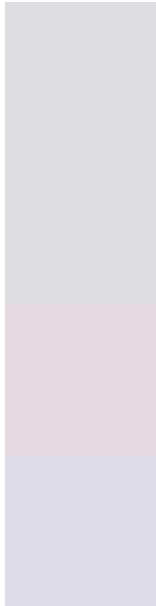
73.3706, 71.9348, 81.9693



Tritanopia

70.6432, 71.8869, 89.5091

Trichromacy



Original Color

69.0026, 71.9948, 81.4937

Protanomaly

69.0463, 71.6289, 81.4208

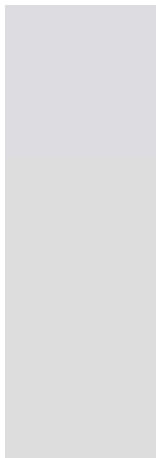
Deuteranomaly

71.5620, 71.7585, 82.0306

Tritanomaly

70.0212, 72.0188, 86.5544

Monochromacy



Original Color

69.0026, 71.9948, 81.4937

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.8601, 72.3590, 79.4446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0026, 71.9948, 81.4937 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(221, 220, 225) looks like.

```
.text, #text, p{  
    color:rgb(221, 220, 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(221, 220, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 220, 225) }
```

Border

The CSS property to change the border of an element to XYZ 69.0026, 71.9948, 81.4937 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(221, 220, 225) }
```


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

```
.border{ border-color:rgb(221, 220, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 220, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 220, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 220, 225);  
box-shadow:4px 4px 4px 4px rgb(221, 220,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0026, 71.9948, 81.4937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 220, 225) }
```

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

```
.background{ background-color: rgb(221,  
220, 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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