

Converting Colors

XYZ(68.0567, 71.0755, 82.7688)

Have a look what the booklet for
XYZ(68.0567, 71.0755, 82.7688)
contains.

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Color

**XYZ(68.1101, 71.1145,
82.8097)**

Conversions

Conversions Part 1

Format	Color
Hex	DADBE3
RGB	218, 219, 227
RGB Percent	85%, 86%, 89%
CMY	0.1451, 0.1412, 0.1098
CMYK	0.04, 0.04, 0.00, 0.11
HSL	233°, 14%, 87%
HSV	233°, 4%, 89%
XYZ	68.1101, 71.1145, 82.8097
YIQ	219.6130, -3.1640, 2.2760

Conversions

Conversions Part 2

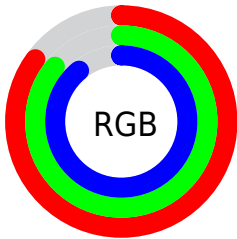
Format	Color
R _Y B	218, 219, 227
Decimal	14343139
CIE Lab	87.54, 1.14, -4.04
CIE LCh	88, 4.198, 285.715
Yxy	71.1145, 0.3068, 0.3203
Android (android.graphics.Color)	4292533219 (0xFFDADBE3)
YUV	219.6130, 3.6418, -1.4146
Hunter-Lab	84.3294, -3.4079, 0.8091

Details

The XYZ color **68.1101, 71.1145, 82.8097** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.5300, 75.7849, 77.1888**, and the grayscale version is **67.7366, 71.2642, 77.6067**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.8261, 37.3160, 44.3442** is the 20% darker color. If you saturate the color by 10%, you get **56.8347, 57.9598, 80.8659**, and if you desaturate by 10%, it is **80.9569, 86.0297, 85.0126**.

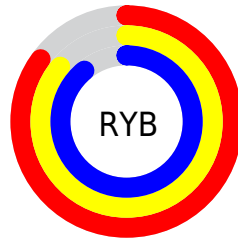
Distribution



Red (85%)

Green (86%)

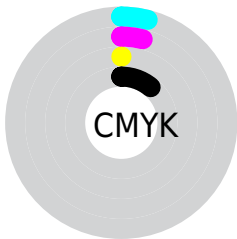
Blue (89%)



Red (85%)

Yellow (86%)

Blue (89%)

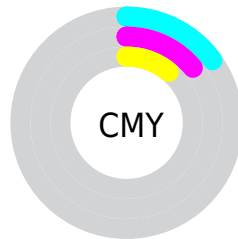


Cyan (4%)

Magenta (4%)

Yellow (0%)

Black (11%)



Cyan (15%)

Magenta (14%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.1101, 71.1145, 82.8097 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 68.1101, 71.1145, 82.8097 by changing the saturation by 10% instead.

■ 68.1101, 71.1145,
82.8097

■ 68.1101, 71.1145,
82.8097

443.2566,
464.4536, 524.3065

■ 50.2613, 52.4356,
61.4935

115.5507,
120.7967, 139.1557

■ 35.8397, 37.3524,
44.1904

145.8732,
152.5689, 175.0227

■ 24.4800, 25.4805,
30.4819

181.0843,
189.4743, 216.5769

■ 15.8167, 16.4354,
19.9495

221.5494,
231.8974, 264.2369

■ 9.4846, 9.8328,
12.1746

267.6338,
280.2224, 318.4214

■ 5.1182, 5.2882,
6.7388

319.7029,

■ 2.3523, 2.4173,

334.8339, 379.5488

3.2233

378.1221,
396.1161, 448.0376

■ 0.8212, 0.8348,
1.2098

■ 0.0000, 0.0000,
0.0000

■ 68.1101, 71.1145,
82.8097

■ 68.1101, 71.1145,
82.8097

■ 56.8347, 57.9598,
80.8659

■ 80.9569, 86.0297,
85.0126

■ 47.0642, 46.4916,
79.1673

■ 90.8653, 98.3261,
86.8638

■ 38.7367, 36.6444,
77.7055

■ 31.7833, 28.3447,
76.4700

■ 26.1297, 21.5134,
75.4494

■ 21.6944, 16.0643,
74.6314

■ 18.3865, 11.9022,
74.0024

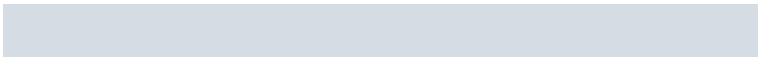
■ 16.1024, 8.9194,
73.5470

■ 14.7184, 6.9904,
73.2476

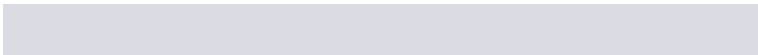
Harmonies

Analogous

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



67.1227, 71.1145, 82.8466



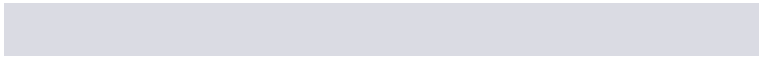
68.1101, 71.1145, 82.8097



68.9668, 71.1145, 81.3086

Triad

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



68.1101, 71.1145, 82.8097



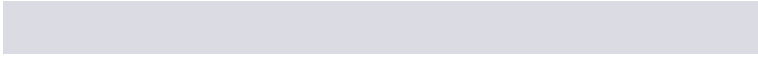
68.9327, 71.1145, 73.5867



65.7607, 71.1145, 76.0916

Complementary

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



68.1101, 71.1145, 82.8097



71.5300, 75.7849, 77.1888

Split Complementary

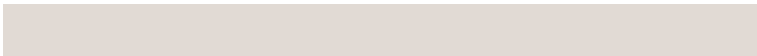
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.2360, 71.1145, 73.6799



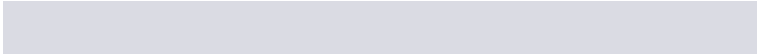
68.1101, 71.1145, 82.8097



68.0639, 71.1145, 72.2579

Square

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



68.1101, 71.1145, 82.8097



69.4449, 71.1145, 75.9615



67.0769, 71.1145, 72.2915



65.7728, 71.1145, 78.9205

Rectangle

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



68.1101, 71.1145, 82.8097



69.3457, 71.1145, 79.7000



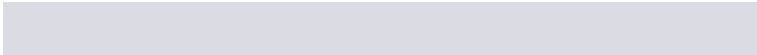
67.0769, 71.1145, 72.2915



65.8685, 71.1145, 75.2067

Sweetspot

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



68.1121, 71.1175, 82.8113



93.3995, 98.0825, 108.6169



70.1043, 75.3330, 82.7624



20.0087, 21.0139, 23.2515



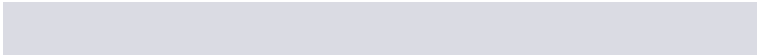
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



68.1121, 71.1175, 82.8113



87.0057, 90.6453, 107.5183



68.8937, 71.1330, 82.7731



14.6776, 15.2708, 18.3183



8.3346, 3.7313, 42.6641



0.6593, 0.3624, 3.1672

Inverse Universe

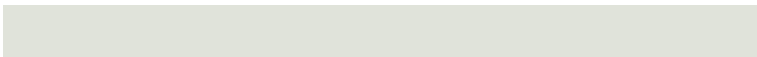
The Inverse Universe completely reimagines the original color for something new.



69.5377, 71.5896, 77.1745



89.3459, 91.4249, 98.2644



70.7263, 75.7767, 77.2296



15.1263, 15.4208, 16.5438



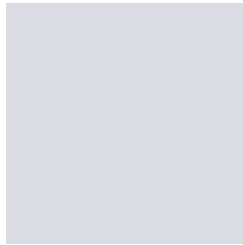
18.6004, 9.5744, 1.5249



1.3964, 0.7163, 0.2279

Previews

White Background



This preview shows how the XYZ color 68.1101, 71.1145, 82.8097 looks on a white background.

Color Contrast Check

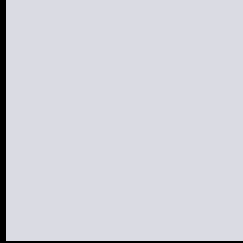
Large Text (above 18pt) WCAG AA × Fail

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 68.1101, 71.1145, 82.8097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

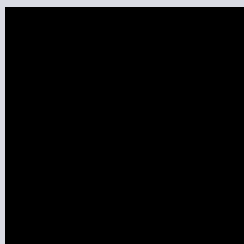
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

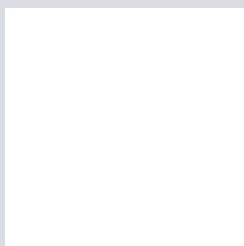
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.1101, 71.1145, 82.8097

Background



This preview shows how black text looks on a background with the XYZ color 68.1101, 71.1145, 82.8097.

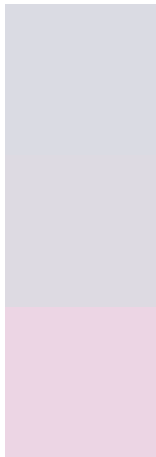


This preview shows how white text looks on a background with the XYZ color 68.1101, 71.1145,

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

68.1101, 71.1145, 82.8097

Protanopia

68.6177, 71.0059, 82.0405

Deuteranopia

72.3899, 71.0228, 83.2922



Tritanopia

69.2802, 71.2010, 88.6890

Trichromacy



Original Color

68.1101, 71.1145, 82.8097

Protanomaly

68.3141, 70.8494, 82.0263

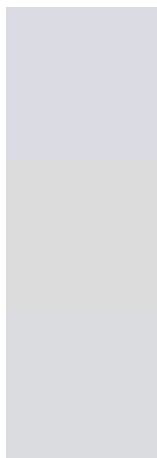
Deuteranomaly

70.6171, 70.8603, 83.3543

Tritanomaly

68.8503, 71.0291, 86.4251

Monochromacy



Original Color

68.1101, 71.1145, 82.8097

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.1259, 71.5742, 80.0366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.1101, 71.1145, 82.8097 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(218, 219, 227) looks like.

```
.text, #text, p{  
    color:rgb(218, 219, 227)  
}
```

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(218, 219, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 219, 227) }
```

Border

The CSS property to change the border of an element to XYZ 68.1101, 71.1145, 82.8097 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(218, 219, 227) }
```


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

```
.border{ border-color:rgb(218, 219, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 219, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 219, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 219, 227);  
box-shadow:4px 4px 4px 4px rgb(218, 219,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 68.1101, 71.1145, 82.8097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 219, 227) }
```

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

```
.background{ background-color: rgb(218,  
219, 227) }
```

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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