

Converting Colors

XYZ(67.8667, 69.0690, 81.6212)

Have a look what the booklet for
XYZ(67.8667, 69.0690, 81.6212)
contains.

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Color

**XYZ(67.8982, 69.1137,
81.7132)**

Conversions

Conversions Part 1

Format	Color
Hex	DED6E2
RGB	222, 214, 226
RGB Percent	87%, 84%, 89%
CMY	0.1294, 0.1608, 0.1137
CMYK	0.02, 0.05, 0.00, 0.11
HSL	280°, 17%, 86%
HSV	280°, 5%, 89%
XYZ	67.8982, 69.1137, 81.7132
YIQ	217.7600, 0.9160, 5.4280

Conversions

Conversions Part 2

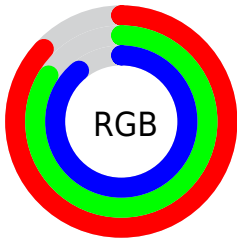
Format	Color
RYB	222, 214, 226
Decimal	14604002
CIELab	86.56, 4.90, -4.92
CIElCh	87, 6.943, 314.861
Yxy	69.1137, 0.3104, 0.3160
Android (android.graphics.Color)	4292794082 (0xFFDED6E2)
YUV	217.7600, 4.0623, 3.7185
Hunter-Lab	83.1346, 0.2999, -0.0820

Details

The XYZ color **67.8982, 69.1137, 81.7132** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.2501, 74.1551, 74.3380**, and the grayscale version is **66.4494, 69.9100, 76.1319**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.6852, 35.9520, 43.5867** is the 20% darker color. If you saturate the color by 10%, you get **60.3146, 57.2959, 79.8329**, and if you desaturate by 10%, it is **76.3825, 82.5777, 83.8659**.

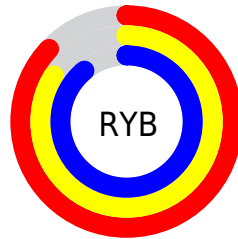
Distribution



Red (87%)

Green (84%)

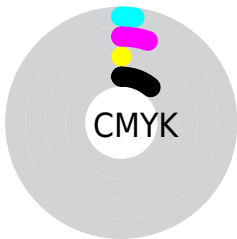
Blue (89%)



Red (87%)

Yellow (84%)

Blue (89%)

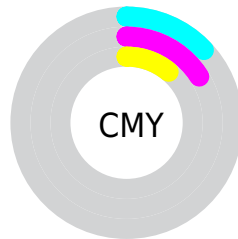


Cyan (2%)

Magenta (5%)

Yellow (0%)

Black (11%)



Cyan (13%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.8982, 69.1137, 81.7132 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 67.8982, 69.1137, 81.7132 by changing the saturation by 10% instead.

■ 67.8982, 69.1137,
81.7132

■ 67.8982, 69.1137,
81.7132

442.5176,
457.4319, 520.5461

■ 50.0883, 50.8043,
60.5947

115.2492,
117.9440, 137.6048

■ 35.7016, 36.0529,
43.4698

145.5210,
149.2336, 173.2150

■ 24.3729, 24.4751,
29.9197

180.6775,
185.6188, 214.4929

■ 15.7367, 15.6864,
19.5261

221.0840,
227.4840, 261.8570

■ 9.4277, 9.3025,
11.8704

267.1060,
275.2135, 315.7258

■ 5.0805, 4.9390,
6.5340

319.1086,

■ 2.3298, 2.2115,

329.1917, 376.5179

3.0984

377.4574,
389.8030, 444.6518

■ 0.8099, 0.7263,
1.1451

■ 0.0000, 0.0000,
0.0000

■ 67.8982, 69.1137,
81.7132

■ 67.8982, 69.1137,
81.7132

■ 60.3146, 57.2959,
79.8329

■ 76.3825, 82.5777,
83.8659

■ 53.5919, 47.0497,
78.2095

■ 84.4372, 95.0282,
85.8445

■ 47.6960, 38.3081,
76.8329

■ 87.0076, 96.3533,
85.9648

■ 42.5881, 30.9954,
75.6907

■ 89.6851, 97.7336,
86.0901

■ 38.2262, 25.0295,
74.7690

■ 90.7277, 98.2711,
86.1389

■ 34.5637, 20.3195,
74.0529

■ 31.5483, 16.7632,
73.5254

■ 29.1196, 14.2417,
73.1667

■ 27.2033, 12.6090,
72.9526

Harmonies

Analogous

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



66.4876, 69.1137, 84.1507



67.8982, 69.1137, 81.7132



68.7240, 69.1137, 77.5921

Triad

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



67.8982, 69.1137, 81.7132



66.5022, 69.1137, 67.0161



62.7439, 69.1137, 77.5496

Complementary

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



67.8982, 69.1137, 81.7132



68.2501, 74.1551, 74.3380

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.



62.7476, 69.1137, 72.9615



67.8982, 69.1137, 81.7132



64.8998, 69.1137, 67.0058

Square

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



67.8982, 69.1137, 81.7132



67.9091, 69.1137, 69.1715



63.5312, 69.1137, 69.1427



63.5208, 69.1137, 81.6810

Rectangle

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



67.8982, 69.1137, 81.7132



68.8232, 69.1137, 74.5044



63.5312, 69.1137, 69.1427



62.6543, 69.1137, 76.0067

Sweetspot

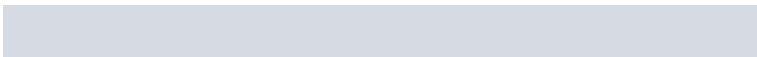
The Sweet Spot groups the original color and five complimentary colors.



67.9002, 69.1167, 81.7147



92.8217, 96.4680, 108.3357



66.5851, 70.0366, 81.9616



19.8910, 20.6851, 23.1942



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.



67.9002, 69.1167, 81.7147



88.5098, 89.6689, 107.2506



68.8944, 69.6576, 80.4789



14.2994, 14.4329, 17.4199



15.2054, 6.9340, 41.5853



1.1477, 0.5290, 2.8869

Inverse Universe

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



68.0680, 69.3270, 76.1272



88.7630, 89.9841, 98.9179



67.2993, 73.6382, 75.5000



14.3448, 14.4891, 15.9409



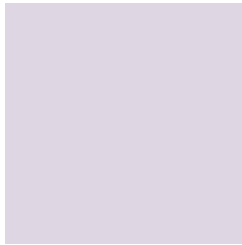
18.6741, 9.5366, 4.9494



1.3349, 0.6773, 0.5567

Previews

White Background



This preview shows how the XYZ color 67.8982, 69.1137, 81.7132 looks on a white background.

Color Contrast Check

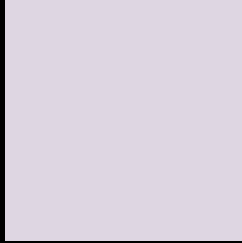
Large Text (above 18pt) WCAG AA × Fail

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 67.8982, 69.1137, 81.7132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

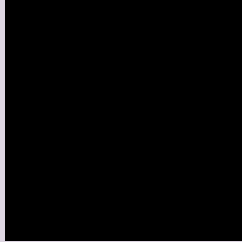
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

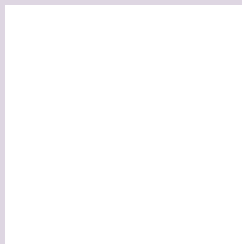
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.8982, 69.1137, 81.7132

Background



This preview shows how black text looks on a background with the XYZ color 67.8982, 69.1137, 81.7132.



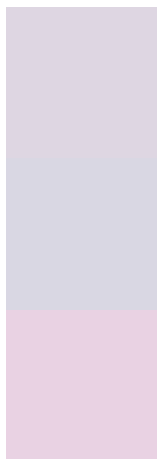
This preview shows how white text looks on a background with the XYZ color 67.8982, 69.1137,

81.7132.

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

67.8982, 69.1137, 81.7132

Protanopia

66.7808, 68.8986, 82.4521

Deuteranopia

70.5160, 68.9629, 82.2676



Tritanopia

68.5086, 68.9896, 84.5685

Trichromacy



Original Color

67.8982, 69.1137, 81.7132

Protanomaly

67.3790, 69.2070, 82.4801

Deuteranomaly

69.4725, 68.7926, 82.2897

Tritanomaly

68.3685, 68.9336, 83.8309

Monochromacy



Original Color

67.8982, 69.1137, 81.7132

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.0774, 69.9062, 78.3645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.8982, 69.1137, 81.7132 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(222, 214, 226) looks like.

```
.text, #text, p{  
    color:rgb(222, 214, 226)  
}
```

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(222, 214, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 214, 226) }
```

Border

The CSS property to change the border of an element to XYZ 67.8982, 69.1137, 81.7132 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(222, 214, 226) }
```


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

```
.border{ border-color:rgb(222, 214, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 214, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 214, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 214, 226);  
box-shadow:4px 4px 4px 4px rgb(222, 214,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 67.8982, 69.1137, 81.7132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 214, 226) }
```

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

```
.background{ background-color: rgb(222,  
214, 226) }
```

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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