

Converting Colors

XYZ(67.4057, 68.7605, 81.9062)

Have a look what the booklet for
XYZ(67.4057, 68.7605, 81.9062)
contains.

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Color

**XYZ(67.2892, 68.7998,
81.6847)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD6E2
RGB	220, 214, 226
RGB Percent	86%, 84%, 89%
CMY	0.1372, 0.1608, 0.1137
CMYK	0.03, 0.05, 0.00, 0.11
HSL	270°, 17%, 86%
HSV	270°, 5%, 89%
XYZ	67.2892, 68.7998, 81.6847
YIQ	217.1620, -0.2760, 5.0040

Conversions

Conversions Part 2

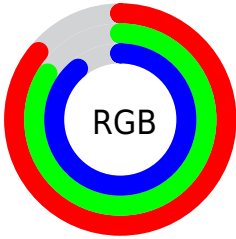
Format	Color
R _Y B	220, 214, 226
Decimal	14472930
CIE Lab	86.40, 4.23, -5.17
CIE LCh	86, 6.678, 309.282
Yxy	68.7998, 0.3090, 0.3159
Android (android.graphics.Color)	4292663010 (0xFFD6CD6E2)
YUV	217.1620, 4.3571, 2.4889
Hunter-Lab	82.9456, -0.3477, -0.3267

Details

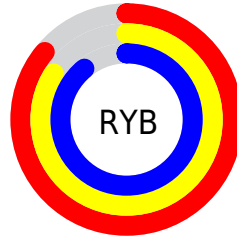
The XYZ color **67.2892, 68.7998, 81.6847** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.8519, 74.4653, 74.3662**, and the grayscale version is **66.0373, 69.4764, 75.6598**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2659, 35.7359, 43.5671** is the 20% darker color. If you saturate the color by 10%, you get **58.6559, 56.4409, 79.7552**, and if you desaturate by 10%, it is **76.9514, 82.8710, 83.8925**.

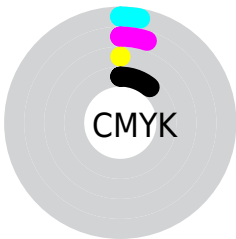
Distribution



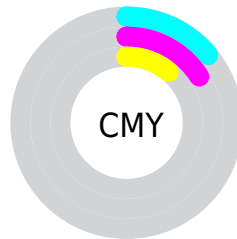
- Red (86%)
- Green (84%)
- Blue (89%)



- Red (86%)
- Yellow (84%)
- Blue (89%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (14%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2892, 68.7998, 81.6847 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 67.2892, 68.7998, 81.6847 by changing the saturation by 10% instead.

■ 67.2892, 68.7998,
81.6847

■ 67.2892, 68.7998,
81.6847

440.3898,
456.3246, 520.4481

■ 49.5912, 50.5487,
60.5714

114.3822,
117.4956, 137.5645

■ 35.3052, 35.8496,
43.4510

144.5080,
148.7090, 173.1680

■ 24.0657, 24.3180,
29.9051

179.5071,
185.0121, 214.4387

■ 15.5073, 15.5697,
19.5152

219.7449,
226.7891, 261.7950

■ 9.2648, 9.2202,
11.8625

265.5867,
274.4244, 315.6556

■ 4.9728, 4.8851,
6.5287

317.3978,

■ 2.2659, 2.1800,

328.3025, 376.4390

3.0952

375.5438,
388.8078, 444.5636

■ 0.7771, 0.7091,
1.1435

■ 0.0000, 0.0000,
0.0000

■ 67.2892, 68.7998,
81.6847

■ 67.2892, 68.7998,
81.6847

■ 58.6559, 56.4409,
79.7552

■ 76.9514, 82.8710,
83.8925

■ 51.0085, 45.7180,
78.0886

■ 86.3151, 95.9963,
85.9324

■ 44.3096, 36.5624,
76.6744

■ 90.3289, 98.0655,
86.1203

■ 38.5170, 28.8967,
75.5001

■ 90.7277, 98.2711,
86.1389

■ 33.5849, 22.6368,
74.5518

■ 29.4631, 17.6901,
73.8142

■ 26.0954, 13.9521,
73.2702

■ 23.4173, 11.3020,
72.8999

■ 21.3502, 9.5916,
72.6787

Harmonies

Analogous

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



65.8720, 68.7998, 83.6165



67.2892, 68.7998, 81.6847



68.2075, 68.7998, 77.9586

Triad

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



67.2892, 68.7998, 81.6847



66.4477, 68.7998, 67.2394



62.5067, 68.7998, 76.2905

Complementary

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



67.2892, 68.7998, 81.6847



68.8519, 74.4653, 74.3662

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.



62.6554, 68.7998, 71.9445



67.2892, 68.7998, 81.6847



64.9146, 68.7998, 66.8323

Square

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



67.2892, 68.7998, 81.6847



67.7163, 68.7998, 69.6578



63.5311, 68.7998, 68.5231



63.1218, 68.7998, 80.4225

Rectangle

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



67.2892, 68.7998, 81.6847



68.4048, 68.7998, 75.0179



63.5311, 68.7998, 68.5231



62.4693, 68.7998, 74.8048

Sweetspot

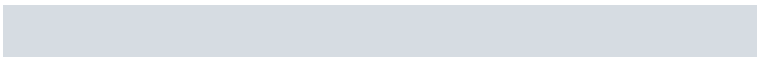
The Sweet Spot groups the original color and five complimentary colors.



67.2912, 68.8027, 81.6862



92.5123, 96.3085, 108.3212



67.1074, 71.0812, 82.1357



19.8281, 20.6527, 23.1913



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.



67.2912, 68.8027, 81.6862



87.6022, 89.2011, 107.2081



69.0774, 69.7236, 81.7698



14.1384, 14.3499, 17.4123



11.8508, 5.2046, 41.4283



0.9247, 0.4140, 2.8764

Inverse Universe

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



68.3314, 69.4324, 77.5143



89.1548, 90.1409, 100.9812



67.1265, 73.5759, 74.2855



14.4142, 14.5169, 16.3064



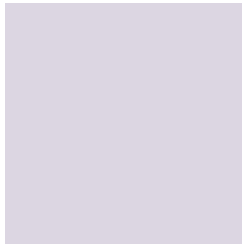
19.6549, 9.9289, 10.1142



1.4076, 0.7063, 0.9391

Previews

White Background



This preview shows how the XYZ color 67.2892, 68.7998, 81.6847 looks on a white background.

Color Contrast Check

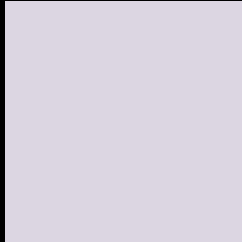
Large Text (above 18pt) WCAG AA × Fail

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 67.2892, 68.7998, 81.6847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

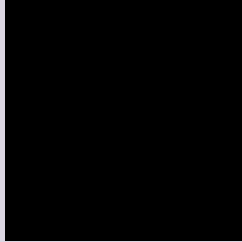
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

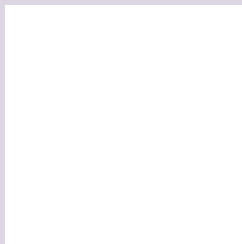
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.2892, 68.7998, 81.6847

Background



This preview shows how black text looks on a background with the XYZ color 67.2892, 68.7998, 81.6847.

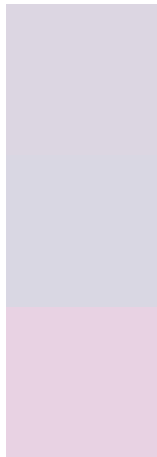


This preview shows how white text looks on a background with the XYZ color 67.2892, 68.7998,

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

67.2892, 68.7998, 81.6847

Protanopia

66.7808, 68.8986, 82.4521

Deuteranopia

70.1904, 68.7950, 82.2524



Tritanopia

67.8960, 68.6738, 84.5398

Trichromacy



Original Color

67.2892, 68.7998, 81.6847

Protanomaly

67.0790, 69.0524, 82.4660

Deuteranomaly

69.1543, 68.6286, 82.2749

Tritanomaly

67.7559, 68.6178, 83.8022

Monochromacy



Original Color

67.2892, 68.7998, 81.6847

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.3876, 69.1845, 77.5651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2892, 68.7998, 81.6847 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(220, 214, 226) looks like.

```
.text, #text, p{  
    color:rgb(220, 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(220, 214, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 214, 226) }
```

Border

The CSS property to change the border of an element to XYZ 67.2892, 68.7998, 81.6847 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(220, 214, 226) }
```


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

```
.border{ border-color:rgb(220, 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(220, 214, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 214, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 214, 226);  
box-shadow:4px 4px 4px 4px rgb(220, 214,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2892, 68.7998, 81.6847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 214, 226) }
```

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

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