

Converting Colors

XYZ(67.5376, 69.3733, 81.7450)

Have a look what the booklet for
XYZ(67.5376, 69.3733, 81.7450)
contains.

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Color

**XYZ(67.5431, 69.3075,
81.7693)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD7E2
RGB	220, 215, 226
RGB Percent	86%, 84%, 89%
CMY	0.1372, 0.1568, 0.1137
CMYK	0.03, 0.05, 0.00, 0.11
HSL	267°, 16%, 86%
HSV	267°, 5%, 89%
XYZ	67.5431, 69.3075, 81.7693
YIQ	217.7490, -0.5510, 4.4810

Conversions

Conversions Part 2

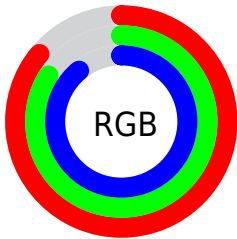
Format	Color
R_{YB}	220, 215, 226
Decimal	14473186
CIE Lab	86.66, 3.70, -4.80
CIE LCh	87, 6.062, 307.670
Yxy	69.3075, 0.3090, 0.3170
Android (android.graphics.Color)	4292663266 (0xFFDCD7E2)
YUV	217.7490, 4.0677, 1.9741
Hunter-Lab	83.2511, -0.8693, 0.0411

Details

The XYZ color **67.5431, 69.3075, 81.7693** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.2835, 74.6730, 75.0552**, and the grayscale version is **66.4425, 69.9027, 76.1241**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.4385, 36.0812, 43.6246** is the 20% darker color. If you saturate the color by 10%, you get **58.5862, 56.7306, 79.8148**, and if you desaturate by 10%, it is **77.5743, 83.6221, 84.0046**.

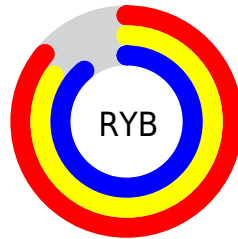
Distribution



Red (86%)

Green (84%)

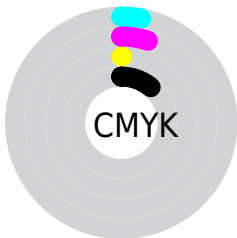
Blue (89%)



Red (86%)

Yellow (84%)

Blue (89%)

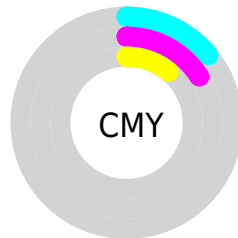


Cyan (3%)

Magenta (5%)

Yellow (0%)

Black (11%)



Cyan (14%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5431, 69.3075, 81.7693 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 67.5431, 69.3075, 81.7693 by changing the saturation by 10% instead.

■ 67.5431, 69.3075,
81.7693

■ 67.5431, 69.3075,
81.7693

441.2776,
458.1148, 520.7389

■ 49.7984, 50.9622,
60.6407

114.7438,
118.2207, 137.6842

■ 35.4704, 36.1785,
43.5066

144.9305,
149.5573, 173.3076

■ 24.1937, 24.5721,
29.9484

179.9953,
185.9932, 214.5996

■ 15.6029, 15.7585,
19.5477

220.3035,
227.9127, 261.9789

■ 9.3326, 9.3535,
11.8859

266.2205,
275.7002, 315.8639

■ 5.0176, 4.9724,
6.5445

318.1116,

■ 2.2925, 2.2311,

329.7401, 376.6732

3.1048

376.3422,
390.4168, 444.8254

■ 0.7908, 0.7369,
1.1484

■ 0.0000, 0.0000,
0.0000

■ 67.5431, 69.3075,
81.7693

■ 67.5431, 69.3075,
81.7693

■ 58.5862, 56.7306,
79.8148

■ 77.5743, 83.6221,
84.0046

■ 50.6592, 45.8147,
78.1257

■ 87.0268, 96.3632,
85.9657

■ 43.7235, 36.4905,
76.6914

■ 90.7277, 98.2711,
86.1389

■ 37.7355, 28.6800,
75.4995

■ 32.6480, 22.2988,
74.5359

■ 28.4094, 17.2538,
73.7855

■ 24.9621, 13.4403,
73.2311

■ 22.2400, 10.7372,
72.8529

■ 20.1635, 8.9970,
72.6264

Harmonies

Analogous

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



66.2367, 69.3075, 83.4121



67.5431, 69.3075, 81.7693



68.4109, 69.3075, 78.4485

Triad

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



67.5431, 69.3075, 81.7693



66.9087, 69.3075, 68.5167



63.2278, 69.3075, 76.5037

Complementary

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



67.5431, 69.3075, 81.7693



69.2835, 74.6730, 75.0552

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.



63.4020, 69.3075, 72.5564



67.5431, 69.3075, 81.7693



65.5140, 69.3075, 68.0377

Square

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



67.5431, 69.3075, 81.7693



68.0410, 69.3075, 70.8242



64.2340, 69.3075, 69.4916



63.7549, 69.3075, 80.3023

Rectangle

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



67.5431, 69.3075, 81.7693



68.6170, 69.3075, 75.7797



64.2340, 69.3075, 69.4916



63.2064, 69.3075, 75.1493

Sweetspot

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



67.5451, 69.3105, 81.7708



93.7319, 98.1209, 108.6068



67.6240, 71.6799, 82.2240



20.0764, 21.0217, 23.2494



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.



67.5451, 69.3105, 81.7708



87.3570, 89.0746, 107.1967



69.2218, 70.1748, 81.8493



14.0950, 14.3275, 17.4103



11.1353, 4.8358, 41.3949



0.8740, 0.3879, 2.8740

Inverse Universe

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



68.7181, 69.9932, 78.2984



89.2626, 90.1840, 101.5487



67.6508, 73.8313, 74.9788



14.4333, 14.5245, 16.4070



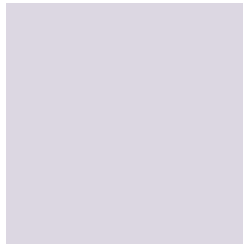
20.0047, 10.0689, 11.9562



1.4316, 0.7159, 1.0657

Previews

White Background



This preview shows how the XYZ color 67.5431, 69.3075, 81.7693 looks on a white background.

Color Contrast Check

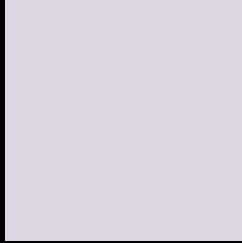
Large Text (above 18pt) WCAG AA × Fail

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 67.5431, 69.3075, 81.7693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

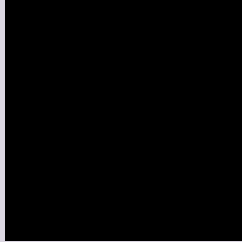
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

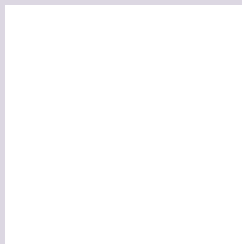
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.5431, 69.3075, 81.7693

Background



This preview shows how black text looks on a background with the XYZ color 67.5431, 69.3075, 81.7693.



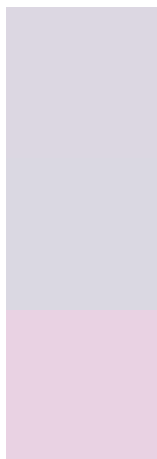
This preview shows how white text looks on a background with the XYZ color 67.5431, 69.3075,

81.7693.

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

67.5431, 69.3075, 81.7693

Protanopia

67.1968, 69.5081, 81.8263

Deuteranopia

70.5160, 68.9629, 82.2676



Tritanopia

68.2892, 69.2348, 85.3657

Trichromacy



Original Color

67.5431, 69.3075, 81.7693

Protanomaly

67.4968, 69.6628, 81.8403

Deuteranomaly

69.4035, 69.1270, 82.3579

Tritanomaly

68.0082, 69.1224, 83.8863

Monochromacy



Original Color

67.5431, 69.3075, 81.7693

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 67.5431, 69.3075, 81.7693 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, 215, 226) looks like.

```
.text, #text, p{  
    color:rgb(220, 215, 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, 215, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 215, 226) }
```

Border

The CSS property to change the border of an element to XYZ 67.5431, 69.3075, 81.7693 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, 215, 226) }
```


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

```
.border{ border-color:rgb(220, 215, 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, 215, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 215, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 215, 226); box-shadow:4px 4px 4px 4px rgb(220, 215, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5431, 69.3075, 81.7693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 215, 226) }
```

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

```
.background{ background-color: rgb(220,  
215, 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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