

Converting Colors

XYZ(68.9393, 69.1376, 81.8994)

Have a look what the booklet for
XYZ(68.9393, 69.1376, 81.8994)
contains.

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Color

**XYZ(68.8857, 69.2482,
81.6871)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D5E2
RGB	226, 213, 226
RGB Percent	89%, 84%, 89%
CMY	0.1137, 0.1647, 0.1137
CMYK	0.00, 0.06, 0.00, 0.11
HSL	300°, 18%, 86%
HSV	300°, 6%, 89%
XYZ	68.8857, 69.2482, 81.6871
YIQ	218.3690, 3.5750, 6.7990

Conversions

Conversions Part 2

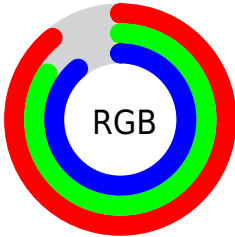
Format	Color
R _Y B	226, 213, 226
Decimal	14865890
CIE Lab	86.63, 6.77, -4.79
CIE LCh	87, 8.290, 324.723
Yxy	69.2482, 0.3134, 0.3150
Android (android.graphics.Color)	4293055970 (0xFFE2D5E2)
YUV	218.3690, 3.7621, 6.6924
Hunter-Lab	83.2155, 2.1350, 0.0498

Details

The XYZ color **68.8857, 69.2482, 81.6871** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.6498, 73.3448, 73.5984**, and the grayscale version is **66.8700, 70.3524, 76.6138**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.3721, 36.0519, 43.5698** is the 20% darker color. If you saturate the color by 10%, you get **63.5934, 58.6627, 79.9239**, and if you desaturate by 10%, it is **74.9742, 81.4240, 83.7174**.

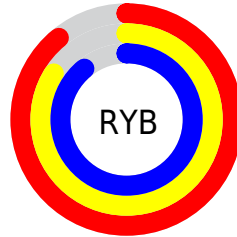
Distribution



Red (89%)

Green (84%)

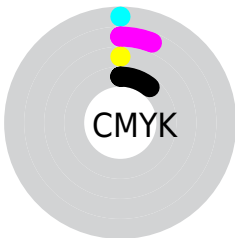
Blue (89%)



Red (89%)

Yellow (84%)

Blue (89%)

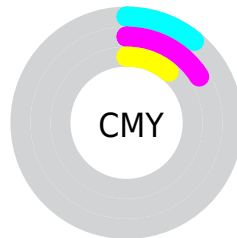


Cyan (0%)

Magenta (6%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.8857, 69.2482, 81.6871 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 68.8857, 69.2482, 81.6871 by changing the saturation by 10% instead.

68.8857, 69.2482,
81.6871

68.8857, 69.2482,
81.6871

445.9554,
457.9059, 520.4564

50.8949, 50.9139,
60.5733

116.6533,
118.1360, 137.5679

36.3457, 36.1401,
43.4526

147.1608,
149.4583, 173.1720

24.8726, 24.5424,
29.9064

182.5712,
185.8787, 214.4432

16.1104, 15.7365,
19.5161

223.2500,
227.7815, 261.8002

9.6937, 9.3379,
11.8632

269.5625,
275.5513, 315.6615

5.2570, 4.9622,
6.5292

321.8740,

2.4351, 2.2251,

329.5723, 376.4456

3.0955

380.5498,
390.2291, 444.5711

■ 0.8627, 0.7336,
1.1436

■ 0.0000, 0.0000,
0.0000

■ 68.8857, 69.2482,
81.6871

■ 68.8857, 69.2482,
81.6871

■ 63.5934, 58.6627,
79.9239

■ 74.9742, 81.4240,
83.7174

■ 59.0586, 49.5933,
78.4123

■ 80.8522, 93.1801,
85.6768

■ 55.2487, 41.9734,
77.1423

■ 80.8523, 93.1801,
85.6768

■ 52.1259, 35.7279,
76.1014

■ 80.8524, 93.1802,
85.6768

49.6494, 30.7751,
75.2759

80.8524, 93.1802,
85.6768

47.7740, 27.0244,
74.6508

80.8525, 93.1802,
85.6768

46.4486, 24.3736,
74.2090

80.8526, 93.1803,
85.6768

45.6136, 22.7038,
73.9307

80.8526, 93.1803,
85.6768

45.1958, 21.8682,
73.7915

80.8527, 93.1803,
85.6768

Harmonies

Analogous

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



67.3781, 69.2482, 85.4413



68.8857, 69.2482, 81.6871



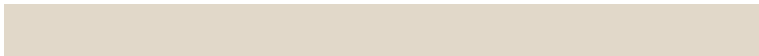
69.5723, 69.2482, 76.3784

Triad

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



68.8857, 69.2482, 81.6871



66.1592, 69.2482, 65.3314



62.5140, 69.2482, 79.9193

Complementary

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



68.8857, 69.2482, 81.6871



66.6498, 73.3448, 73.5984

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.



62.2019, 69.2482, 74.4290



68.8857, 69.2482, 81.6871



64.2828, 69.2482, 66.1771

Square

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



68.8857, 69.2482, 81.6871



67.9786, 69.2482, 67.0745



62.8434, 69.2482, 69.4432



63.7043, 69.2482, 84.3863

Rectangle

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



68.8857, 69.2482, 81.6871



69.4625, 69.2482, 72.7381



62.8434, 69.2482, 69.4432



62.3039, 69.2482, 78.1251

Sweetspot

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



68.8877, 69.2512, 81.6886



93.4445, 96.7891, 108.3648



65.0199, 67.3382, 81.5232



20.0178, 20.7505, 23.2001



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.



68.8877, 69.2512, 81.6886



89.6176, 89.1352, 107.0892



68.0413, 68.9126, 77.2312



14.5159, 14.3773, 17.3977



25.7244, 12.3567, 42.0776



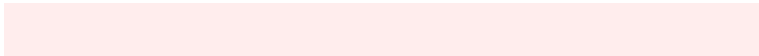
1.7831, 0.8565, 2.9166

Inverse Universe

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



67.1710, 68.5645, 72.6484



86.8757, 88.0385, 92.6501



67.4628, 73.6700, 77.8800



14.0396, 14.1868, 14.8894



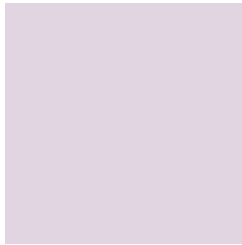
17.8932, 9.2243, 0.8374



1.2403, 0.6394, 0.0581

Previews

White Background



This preview shows how the XYZ color 68.8857, 69.2482, 81.6871 looks on a white background.

Color Contrast Check

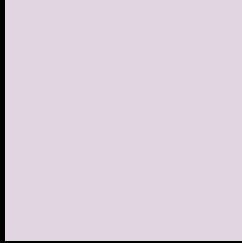
Large Text (above 18pt) WCAG AA × Fail

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 68.8857, 69.2482, 81.6871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

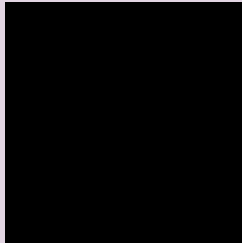
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

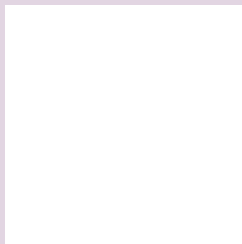
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.8857, 69.2482, 81.6871

Background



This preview shows how black text looks on a background with the XYZ color 68.8857, 69.2482, 81.6871.



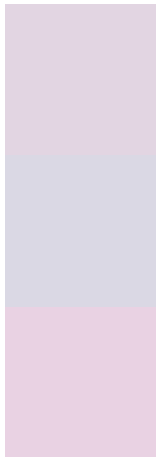
This preview shows how white text looks on a background with the XYZ color 68.8857, 69.2482,

81.6871.

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

68.8857, 69.2482, 81.6871

Protanopia

67.4729, 69.6186, 83.2803

Deuteranopia

70.5160, 68.9629, 82.2676



Tritanopia

69.0504, 68.9129, 83.7909

Trichromacy



Original Color

68.8857, 69.2482, 81.6871

Protanomaly

67.9844, 69.5191, 82.5084

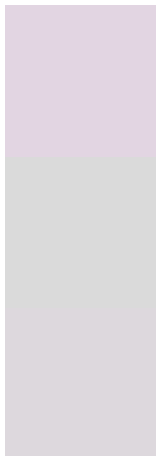
Deuteranomaly

69.7925, 68.9576, 82.3047

Tritanomaly

68.9111, 68.8572, 83.0575

Monochromacy



Original Color

68.8857, 69.2482, 81.6871

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.4258, 69.7043, 78.3072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.8857, 69.2482, 81.6871 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(226, 213, 226) looks like.

```
.text, #text, p{  
    color:rgb(226, 213, 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(226, 213, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 213, 226) }
```

Border

The CSS property to change the border of an element to XYZ 68.8857, 69.2482, 81.6871 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(226, 213, 226) }
```


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

```
.border{ border-color:rgb(226, 213, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 213, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 213, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 213, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 213,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 68.8857, 69.2482, 81.6871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 213, 226) }
```

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

```
.background{ background-color: rgb(226,  
213, 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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