

Converting Colors

XYZ(69.1575, 67.6664, 81.2834)

Have a look what the booklet for
XYZ(69.1575, 67.6664, 81.2834)
contains.

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Color

**XYZ(69.2383, 67.5917,
81.3487)**

Conversions

Conversions Part 1

Format	Color
Hex	E7D0E2
RGB	231, 208, 226
RGB Percent	91%, 82%, 89%
CMY	0.0941, 0.1843, 0.1137
CMYK	0.00, 0.10, 0.02, 0.09
HSL	313°, 32%, 86%
HSV	313°, 10%, 91%
XYZ	69.2383, 67.5917, 81.3487
YIQ	216.9290, 7.9300, 10.4740

Conversions

Conversions Part 2

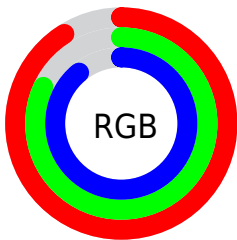
Format	Color
R _Y B	231, 208, 226
Decimal	15192290
CIE Lab	85.80, 11.09, -5.96
CIE LCh	86, 12.588, 331.747
Yxy	67.5917, 0.3173, 0.3098
Android (android.graphics.Color)	4293382370 (0xFFE7D0E2)
YUV	216.9290, 4.4720, 12.3403
Hunter-Lab	82.2142, 6.4525, -1.1159

Details

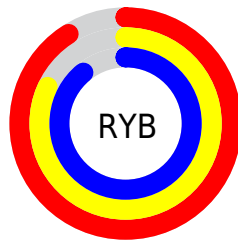
The XYZ color **69.2383, 67.5917, 81.3487** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.6012, 75.3676, 73.9915**, and the grayscale version is **65.8729, 69.3034, 75.4714**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5855, 35.1654, 43.3874** is the 20% darker color. If you saturate the color by 10%, you get **63.3329, 56.8668, 76.0301**, and if you desaturate by 10%, it is **75.9881, 79.9710, 87.0500**.

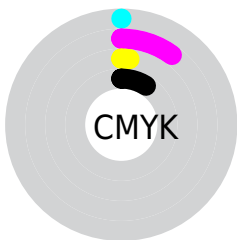
Distribution



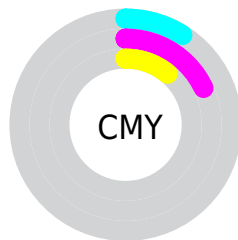
- Red (91%)
- Green (82%)
- Blue (89%)



- Red (91%)
- Yellow (82%)
- Blue (89%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (9%)



- Cyan (9%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2383, 67.5917, 81.3487 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 69.2383, 67.5917, 81.3487 by changing the saturation by 10% instead.

69.2383, 67.5917,
81.3487

69.2383, 67.5917,
81.3487

447.1792,
452.0480, 519.2926

51.1832, 49.5656,
60.2961

117.1541,
115.7678, 137.0888

36.5760, 35.0684,
43.2305

147.7454,
146.6867, 172.6133

25.0516, 23.7156,
29.7333

183.2462,
182.6720, 213.7990

16.2444, 15.1228,
19.3859

224.0218,
224.1080, 261.0643

9.7892, 8.9056,
11.7698

270.4375,
271.3793, 314.8278

5.3206, 4.6796,
6.4665

322.8588,

2.4733, 2.0606,

324.8701, 375.5080

3.0574

381.6509,
384.9649, 443.5234

■ 0.8818, 0.6423,
1.1240

■ 0.0000, 0.0000,
0.0000

■ 69.2383, 67.5917,
81.3487

■ 69.2383, 67.5917,
81.3487

■ 63.3329, 56.8668,
76.0301

■ 75.9881, 79.9710,
87.0500

■ 58.2304, 47.7168,
71.0772

■ 83.6096, 94.0623,
93.1415

■ 53.8949, 40.0689,
66.4778

■ 84.6029, 94.8641,
97.1248

■ 50.2851, 33.8409,
62.2174

■ 85.3640, 95.1686,
101.1328

■ 47.3559, 28.9430,
58.2801

■ 86.1460, 95.4814,
105.2507

■ 45.0570, 25.2748,
54.6482

■ 86.7654, 95.7291,
108.5123

■ 43.3310, 22.7217,
51.3016

■ 42.1097, 21.1476,
48.2168

■ 41.2763, 20.3193,
45.3539

Harmonies

Analogous

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



67.1972, 67.5917, 87.8992



69.2383, 67.5917, 81.3487



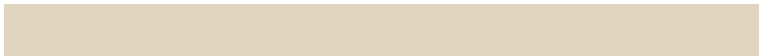
69.9303, 67.5917, 73.1141

Triad

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



69.2383, 67.5917, 81.3487



64.0754, 67.5917, 58.8761



59.6559, 67.5917, 82.2460

Complementary

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



69.2383, 67.5917, 81.3487



66.6012, 75.3676, 73.9915

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.



58.8744, 67.5917, 74.0797



69.2383, 67.5917, 81.3487



61.3784, 67.5917, 60.9350

Square

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



69.2383, 67.5917, 81.3487



66.8968, 67.5917, 60.5103



59.4956, 67.5917, 66.3520



61.6621, 67.5917, 88.4438

Rectangle

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



69.2383, 67.5917, 81.3487



69.5174, 67.5917, 67.8835



59.4956, 67.5917, 66.3520



59.2440, 67.5917, 79.6201

Sweetspot

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



69.2403, 67.5946, 81.3502



92.3912, 95.1091, 106.6983



64.4183, 65.0284, 84.7587



19.6270, 20.0845, 22.7135



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.



69.2403, 67.5946, 81.3502



85.0004, 81.5854, 100.3568



67.7169, 66.9853, 73.3281



14.8539, 14.5587, 17.4310



23.1858, 11.4085, 25.6710



1.7467, 0.8564, 2.0728

Inverse Universe

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



69.2403, 67.5946, 81.3502



85.0004, 81.5854, 100.3568



68.1108, 75.9714, 81.9410



14.8539, 14.5587, 17.4310



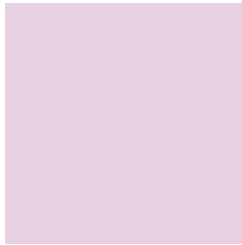
23.1858, 11.4085, 25.6710



1.7467, 0.8564, 2.0728

Previews

White Background



This preview shows how the XYZ color 69.2383, 67.5917, 81.3487 looks on a white background.

Color Contrast Check

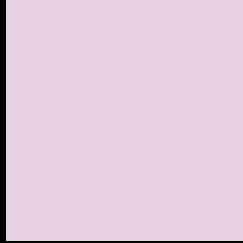
Large Text (above 18pt) WCAG AA × Fail

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 69.2383, 67.5917, 81.3487 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 69.2383, 67.5917, 81.3487

Background



This preview shows how black text looks on a background with the XYZ color 69.2383, 67.5917, 81.3487.

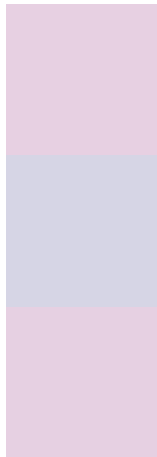


This preview shows how white text looks on a background with the XYZ color 69.2383, 67.5917,

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

69.2383, 67.5917, 81.3487

Protanopia

65.6687, 67.5418, 83.7045

Deuteranopia

68.9165, 67.4257, 81.3337



Tritanopia

69.1015, 67.5369, 80.6281

Trichromacy



Original Color

69.2383, 67.5917, 81.3487

Protanomaly

66.8131, 67.4056, 82.8879

Deuteranomaly

68.9165, 67.4257, 81.3337

Tritanomaly

69.1015, 67.5369, 80.6281

Monochromacy



Original Color

69.2383, 67.5917, 81.3487

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.0890, 68.7900, 77.4520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2383, 67.5917, 81.3487 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(231, 208, 226) looks like.

```
.text, #text, p{  
    color:rgb(231, 208, 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(231, 208, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 208, 226) }
```

Border

The CSS property to change the border of an element to XYZ 69.2383, 67.5917, 81.3487 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(231, 208, 226) }
```


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

```
.border{ border-color:rgb(231, 208, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 208, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 208, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 208, 226);  
box-shadow:4px 4px 4px 4px rgb(231, 208,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2383, 67.5917, 81.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 208, 226) }
```

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

```
.background{ background-color: rgb(231,  
208, 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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