

Converting Colors

XYZ(68.8018, 67.6919, 80.5472)

Have a look what the booklet for
XYZ(68.8018, 67.6919, 80.5472)
contains.

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Color

**XYZ(69.0242, 67.8602,
80.6945)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D1E1
RGB	230, 209, 225
RGB Percent	90%, 82%, 88%
CMY	0.0980, 0.1804, 0.1176
CMYK	0.00, 0.09, 0.02, 0.10
HSL	314°, 30%, 86%
HSV	314°, 9%, 90%
XYZ	69.0242, 67.8602, 80.6945
YIQ	217.1030, 7.3800, 9.4280

Conversions

Conversions Part 2

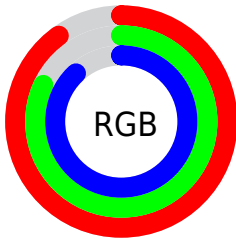
Format	Color
R _Y B	230, 209, 225
Decimal	15127009
CIE Lab	85.94, 10.04, -5.24
CIE LCh	86, 11.328, 332.454
Yxy	67.8602, 0.3172, 0.3119
Android (android.graphics.Color)	4293317089 (0xFFE6D1E1)
YUV	217.1030, 3.8932, 11.3107
Hunter-Lab	82.3773, 5.4054, -0.4147

Details

The XYZ color **69.0242, 67.8602, 80.6945** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.7315, 75.0058, 74.5824**, and the grayscale version is **65.9962, 69.4332, 75.6127**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4326, 35.3436, 42.9320** is the 20% darker color. If you saturate the color by 10%, you get **63.0489, 57.0854, 75.0757**, and if you desaturate by 10%, it is **75.8420, 80.2797, 86.7140**.

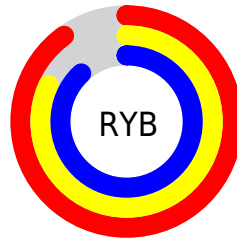
Distribution



Red (90%)

Green (82%)

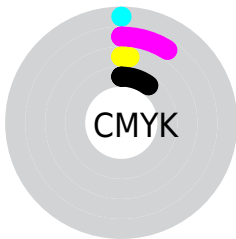
Blue (88%)



Red (90%)

Yellow (82%)

Blue (88%)

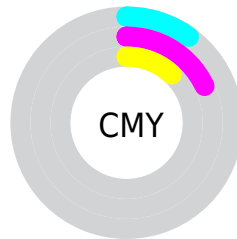


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (10%)



Cyan (10%)

Magenta (18%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0242, 67.8602, 80.6945 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 69.0242, 67.8602, 80.6945 by changing the saturation by 10% instead.

69.0242, 67.8602,
80.6945

69.0242, 67.8602,
80.6945

446.4364,
453.0005, 517.0386

51.0081, 49.7840,
59.7605

116.8500,
116.1521, 136.1619

36.4361, 35.2418,
42.8016

147.3905,
147.1367, 171.5324

24.9429, 23.8492,
29.3992

182.8364,
183.1927, 212.5522

16.1630, 15.2218,
19.1349

223.5533,
224.7048, 259.6397

9.7312, 8.9752,
11.5900

269.9063,
272.0572, 313.2136

5.2820, 4.7250,
6.3460

322.2610,

2.4501, 2.0868,

325.6344, 373.6924

2.9844

380.9825,
385.8207, 441.4945

■ 0.8702, 0.6572,
1.0867

■ 0.0000, 0.0000,
0.0000

■ 69.0242, 67.8602,
80.6945

■ 69.0242, 67.8602,
80.6945

■ 63.0489, 57.0854,
75.0757

■ 75.8420, 80.2797,
86.7140

■ 57.8753, 47.8769,
69.8405

■ 83.5275, 94.3968,
93.1413

■ 53.4678, 40.1630,
64.9767

■ 84.3356, 94.7200,
97.3966

■ 49.7859, 33.8631,
60.4698

■ 85.1682, 95.0531,
101.7815

■ 46.7854, 28.8889,
56.3038

■ 86.0258, 95.3961,
106.2972

■ 44.4168, 25.1422,
52.4611

■ 86.4436, 95.5632,
108.4972

■ 42.6240, 22.5108,
48.9218

■ 41.3406, 20.8624,
45.6626

■ 40.4627, 19.9897,
42.6476

Harmonies

Analogous

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



67.2134, 67.8602, 86.6119



69.0242, 67.8602, 80.6945



69.6128, 67.8602, 73.2782

Triad

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



69.0242, 67.8602, 80.6945



64.2857, 67.8602, 60.5134



60.3804, 67.8602, 81.8234

Complementary

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



69.0242, 67.8602, 80.6945



66.7315, 75.0058, 74.5824

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.



59.6422, 67.8602, 74.5017



69.0242, 67.8602, 80.6945



61.8589, 67.8602, 62.4760

Square

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



69.0242, 67.8602, 80.6945



66.8338, 67.8602, 61.9306



60.1762, 67.8602, 67.4758



62.2194, 67.8602, 87.2938

Rectangle

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



69.0242, 67.8602, 80.6945



69.2204, 67.8602, 68.5645



60.1762, 67.8602, 67.4758



59.9975, 67.8602, 79.4806

Sweetspot

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



69.0262, 67.8631, 80.6960



92.3659, 95.0990, 106.5652



64.7886, 65.5986, 84.1110



19.6202, 20.0818, 22.6775



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.



69.0262, 67.8631, 80.6960



85.6884, 82.9680, 100.5657



67.6503, 67.3128, 73.4509



14.8406, 14.5534, 17.3612



22.9184, 11.3016, 24.2630



1.7290, 0.8493, 1.9797

Inverse Universe

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



69.0262, 67.8631, 80.6960



85.6884, 82.9680, 100.5657



68.1024, 75.5542, 81.8015



14.8406, 14.5534, 17.3612



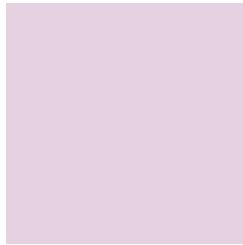
22.9184, 11.3016, 24.2630



1.7290, 0.8493, 1.9797

Previews

White Background



This preview shows how the XYZ color 69.0242, 67.8602, 80.6945 looks on a white background.

Color Contrast Check

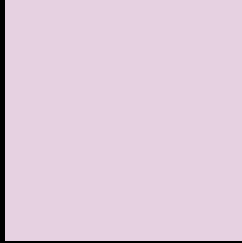
Large Text (above 18pt) WCAG AA × Fail

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 69.0242, 67.8602, 80.6945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

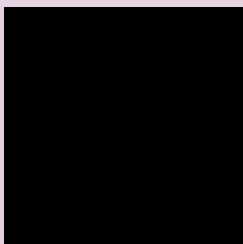
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.0242, 67.8602, 80.6945

Background



This preview shows how black text looks on a background with the XYZ color 69.0242, 67.8602, 80.6945.

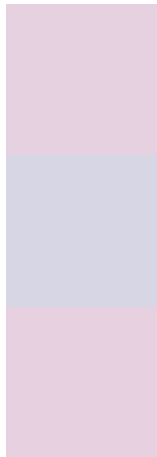


This preview shows how white text looks on a background with the XYZ color 69.0242, 67.8602,

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

69.0242, 67.8602, 80.6945

Protanopia

66.0745, 68.1416, 83.0689

Deuteranopia

69.3461, 68.0261, 80.7096



Tritanopia

69.0242, 67.8602, 80.6945

Trichromacy



Original Color

69.0242, 67.8602, 80.6945

Protanomaly

66.9238, 67.8487, 82.2419

Deuteranomaly

69.3461, 68.0261, 80.7096

Tritanomaly

69.0242, 67.8602, 80.6945

Monochromacy



Original Color

69.0242, 67.8602, 80.6945

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 69.0242, 67.8602, 80.6945 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(230, 209, 225) looks like.

```
.text, #text, p{  
    color:rgb(230, 209, 225)  
}
```

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(230, 209, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 209, 225) }
```

Border

The CSS property to change the border of an element to XYZ 69.0242, 67.8602, 80.6945 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(230, 209, 225) }
```


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

```
.border{ border-color:rgb(230, 209, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 209, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 209, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 209, 225);  
box-shadow:4px 4px 4px 4px rgb(230, 209,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0242, 67.8602, 80.6945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 209, 225) }
```

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

```
.background{ background-color: rgb(230,  
209, 225) }
```

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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