

Converting Colors

XYZ(68.8801, 66.8447, 83.6658)

Have a look what the booklet for
XYZ(68.8801, 66.8447, 83.6658)
contains.

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Color

**XYZ(69.0888, 67.1058,
83.4401)**

Conversions

Conversions Part 1

Format	Color
Hex	E6CFE5
RGB	230, 207, 229
RGB Percent	90%, 81%, 90%
CMY	0.0980, 0.1882, 0.1020
CMYK	0.00, 0.10, 0.00, 0.10
HSL	303°, 32%, 86%
HSV	303°, 10%, 90%
XYZ	69.0888, 67.1058, 83.4401
YIQ	216.3850, 6.6460, 11.7180

Conversions

Conversions Part 2

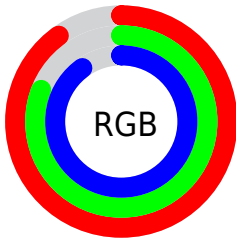
Format	Color
R _Y B	230, 207, 229
Decimal	15126501
CIE Lab	85.56, 11.82, -7.92
CIE LCh	86, 14.228, 326.164
Yxy	67.1058, 0.3146, 0.3055
Android (android.graphics.Color)	4293316581 (0xFFE6CFE5)
YUV	216.3850, 6.2192, 11.9404
Hunter-Lab	81.9181, 7.1881, -3.0489

Details

The XYZ color **69.0888, 67.1058, 83.4401** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.4167, 74.4149, 70.5937**, and the grayscale version is **65.4901, 68.9007, 75.0329**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4868, 34.8371, 44.8456** is the 20% darker color. If you saturate the color by 10%, you get **63.7789, 56.7079, 80.9838**, and if you desaturate by 10%, it is **75.2151, 79.1332, 86.1741**.

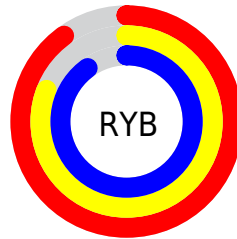
Distribution



Red (90%)

Green (81%)

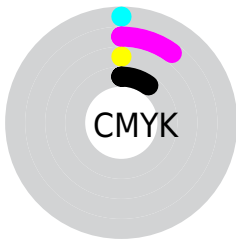
Blue (90%)



Red (90%)

Yellow (81%)

Blue (90%)

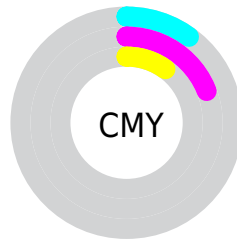


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (10%)



Cyan (10%)

Magenta (19%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0888, 67.1058, 83.4401 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 69.0888, 67.1058, 83.4401 by changing the saturation by 10% instead.

69.0888, 67.1058,
83.4401

69.0888, 67.1058,
83.4401

446.6606,
450.3213, 526.4615

51.0609, 49.1706,
62.0106

116.9418,
115.0720, 140.0464

36.4783, 34.7548,
44.6054

147.4976,
145.8718, 176.0603

24.9757, 23.4741,
30.8060

182.9601,
181.7286, 217.7727

16.1876, 14.9440,
20.1940

223.6947,
223.0268, 265.6022

9.7487, 8.7801,
12.3506

270.0667,
270.1507, 319.9672

5.2936, 4.5980,
6.8575

322.4414,

2.4571, 2.0134,

323.4849, 381.2864

3.2961

381.1843,
383.4136, 449.9783

■ 0.8737, 0.6152,
1.2477

■ 0.0000, 0.0000,
0.0184

■ 69.0888, 67.1058,
83.4401

■ 69.0888, 67.1058,
83.4401

■ 63.7789, 56.7079,
80.9838

■ 75.2151, 79.1332,
86.1741

■ 59.2446, 47.8609,
78.7893

■ 82.1847, 92.8470,
89.1923

■ 55.4503, 40.4926,
76.8453

■ 82.9594, 94.1695,
90.1495

■ 52.3555, 34.5221,
75.1385

■ 83.1019, 94.2265,
90.9001

49.9157, 29.8602,
73.6540

83.2452, 94.2839,
91.6549

48.0813, 26.4077,
72.3752

83.3894, 94.3415,
92.4139

46.7956, 24.0515,
71.2832

83.5343, 94.3995,
93.1773

45.9912, 22.6566,
70.3556

83.6801, 94.4578,
93.9449

45.5518, 21.9906,
69.5535

83.8267, 94.5165,
94.7168

Harmonies

Analogous

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



66.5639, 67.1058, 90.2477



69.0888, 67.1058, 83.4401



70.1909, 67.1058, 74.2648

Triad

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



69.0888, 67.1058, 83.4401



64.1990, 67.1058, 56.6969



58.3612, 67.1058, 81.2056

Complementary

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



69.0888, 67.1058, 83.4401



65.4167, 74.4149, 70.5937

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.



57.7757, 67.1058, 71.8818



69.0888, 67.1058, 83.4401



61.0788, 67.1058, 58.2178

Square

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



69.0888, 67.1058, 83.4401



67.3081, 67.1058, 59.2478



58.7542, 67.1058, 63.5910



60.3813, 67.1058, 88.8830

Rectangle

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



69.0888, 67.1058, 83.4401



69.9439, 67.1058, 68.2195



58.7542, 67.1058, 63.5910



57.9931, 67.1058, 78.1385

Sweetspot

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



69.0908, 67.1087, 83.4416



92.6044, 95.1944, 107.8208



62.5456, 63.7184, 83.8663



19.6847, 20.1076, 23.0175



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.



69.0908, 67.1087, 83.4416



85.8398, 81.9212, 104.7766



67.5682, 66.4997, 75.4238



14.9666, 14.6038, 18.0246



25.8007, 12.4545, 39.4411



1.9150, 0.9237, 2.9590

Inverse Universe

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



69.0908, 67.1087, 83.4416



85.8398, 81.9212, 104.7766



66.8526, 74.9893, 78.1552



14.9666, 14.6038, 18.0246



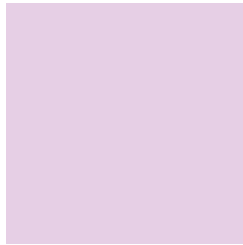
25.8007, 12.4545, 39.4411



1.9150, 0.9237, 2.9590

Previews

White Background



This preview shows how the XYZ color 69.0888, 67.1058, 83.4401 looks on a white background.

Color Contrast Check

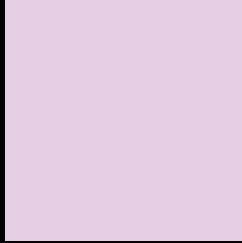
Large Text (above 18pt) WCAG AA × Fail

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 69.0888, 67.1058, 83.4401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

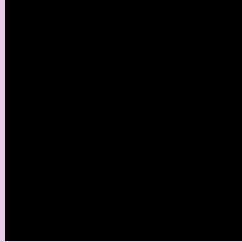
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.0888, 67.1058, 83.4401

Background



This preview shows how black text looks on a background with the XYZ color 69.0888, 67.1058, 83.4401.



This preview shows how white text looks on a background with the XYZ color 69.0888, 67.1058,

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

69.0888, 67.1058, 83.4401

Protanopia

65.5111, 67.4117, 85.9029

Deuteranopia

68.6936, 67.2629, 83.4912



Tritanopia

68.3235, 67.1516, 79.8815

Trichromacy



Original Color

69.0888, 67.1058, 83.4401

Protanomaly

66.9315, 67.4181, 85.0866

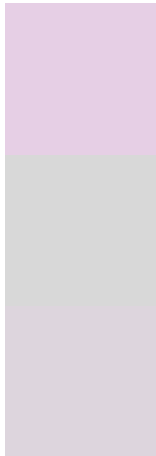
Deuteranomaly

69.0118, 67.4269, 83.5061

Tritanomaly

68.5964, 67.2608, 81.3187

Monochromacy



Original Color

69.0888, 67.1058, 83.4401

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.6642, 68.1811, 78.0533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0888, 67.1058, 83.4401 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, 207, 229)` looks like.

```
.text, #text, p{  
    color:rgb(230, 207, 229)  
}
```

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, 207, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 207, 229) }
```

Border

The CSS property to change the border of an element to XYZ 69.0888, 67.1058, 83.4401 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, 207, 229) }
```


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

```
.border{ border-color:rgb(230, 207, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 207, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 207, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 207, 229); box-shadow:4px 4px 4px 4px rgb(230, 207, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0888, 67.1058, 83.4401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 207, 229) }
```

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

```
.background{ background-color: rgb(230,  
207, 229) }
```

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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