

Converting Colors

XYZ(69.0336, 66.1153, 83.4745)

Have a look what the booklet for
XYZ(69.0336, 66.1153, 83.4745)
contains.

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Color

**XYZ(69.0144, 65.9987,
83.2303)**

Conversions

Conversions Part 1

Format	Color
Hex	E8CCE5
RGB	232, 204, 229
RGB Percent	91%, 80%, 90%
CMY	0.0902, 0.2000, 0.1020
CMYK	0.00, 0.12, 0.01, 0.09
HSL	306°, 38%, 85%
HSV	306°, 12%, 91%
XYZ	69.0144, 65.9987, 83.2303
YIQ	215.2220, 8.6630, 13.7110

Conversions

Conversions Part 2

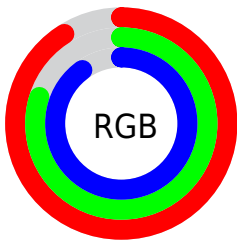
Format	Color
R _Y B	232, 204, 229
Decimal	15256805
CIE Lab	85.00, 14.08, -8.74
CIE LCh	85, 16.569, 328.175
Yxy	65.9987, 0.3162, 0.3024
Android (android.graphics.Color)	4293446885 (0xFFE8CCE5)
YUV	215.2220, 6.7926, 14.7143
Hunter-Lab	81.2396, 9.4695, -3.8751

Details

The XYZ color **69.0144, 65.9987, 83.2303** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.0235, 75.0573, 70.0954**, and the grayscale version is **64.6946, 68.0638, 74.1215**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4508, 34.0988, 44.7050** is the 20% darker color. If you saturate the color by 10%, you get **63.5617, 55.6440, 79.7130**, and if you desaturate by 10%, it is **75.2972, 78.0038, 87.0504**.

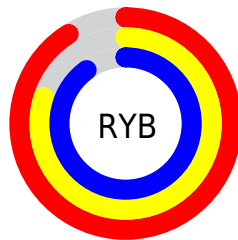
Distribution



Red (91%)

Green (80%)

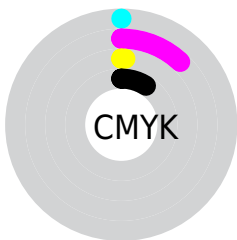
Blue (90%)



Red (91%)

Yellow (80%)

Blue (90%)

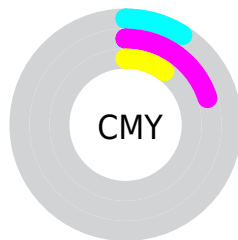


Cyan (0%)

Magenta (12%)

Yellow (1%)

Black (9%)



Cyan (9%)

Magenta (20%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0144, 65.9987, 83.2303 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 69.0144, 65.9987, 83.2303 by changing the saturation by 10% instead.

69.0144, 65.9987,
83.2303

69.0144, 65.9987,
83.2303

446.4023,
446.3722, 525.7448

51.0001, 48.2713,
61.8384

116.8361,
113.4845, 139.7501

36.4297, 34.0418,
44.4672

147.3742,
144.0117, 175.7151

24.9379, 22.9257,
30.6981

182.8177,
179.5743, 217.3749

16.1593, 14.5387,
20.1125

223.5318,
220.5567, 265.1480

9.7285, 8.4963,
12.2920

269.8820,
267.3433, 319.4531

5.2802, 4.4141,
6.8179

322.2336,

2.4490, 1.9078,

320.3185, 380.7085

3.2718

380.9519,
379.8667, 449.3329

■ 0.8696, 0.5531,
1.2350

■ 0.0000, 0.0000,
0.0076

■ 69.0144, 65.9987,
83.2303

■ 69.0144, 65.9987,
83.2303

■ 63.5617, 55.6440,
79.7130

■ 75.2972, 78.0038,
87.0504

■ 58.8973, 46.8587,
76.4821

■ 82.4384, 91.7186,
91.1804

■ 54.9840, 39.5679,
73.5260

■ 84.2463, 94.7589,
93.5574

■ 51.7796, 33.6872,
70.8304

■ 84.6111, 94.9048,
95.4782

49.2379, 29.1237,
68.3797

84.9809, 95.0527,
97.4256

47.3067, 25.7736,
66.1566

85.3558, 95.2027,
99.3997

45.9262, 23.5173,
64.1410

85.7358, 95.3547,
101.4007

45.0246, 22.2109,
62.3089

86.1208, 95.5087,
103.4285

44.5588, 21.6679,
60.9554

86.5111, 95.6648,
105.4834

Harmonies

Analogous

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



66.1728, 65.9987, 91.5028



69.0144, 65.9987, 83.2303



70.1644, 65.9987, 72.5167

Triad

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



69.0144, 65.9987, 83.2303



62.9582, 65.9987, 53.2469



56.6254, 65.9987, 81.9884

Complementary

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



69.0144, 65.9987, 83.2303



65.0235, 75.0573, 70.0954

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.



55.8398, 65.9987, 71.2099



69.0144, 65.9987, 83.2303



59.4083, 65.9987, 55.2533

Square

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



69.0144, 65.9987, 83.2303



66.5831, 65.9987, 55.8035



56.8388, 65.9987, 61.5779



59.0281, 65.9987, 90.7374

Rectangle

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



69.0144, 65.9987, 83.2303



69.7840, 65.9987, 65.6511



56.8388, 65.9987, 61.5779



56.1677, 65.9987, 78.4514

Sweetspot

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



69.0163, 66.0016, 83.2317



91.7064, 93.5937, 106.9198



61.8375, 62.2519, 85.1015



19.4985, 19.7832, 22.8070



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.



69.0163, 66.0016, 83.2317



84.0900, 79.0558, 102.2383



67.1652, 65.2611, 73.4840



14.9251, 14.5872, 17.8058



24.7654, 12.0404, 33.9893



1.8493, 0.8974, 2.6127

Inverse Universe

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



69.0163, 66.0016, 83.2317



84.0900, 79.0558, 102.2383



66.7852, 75.7620, 79.3726



14.9251, 14.5872, 17.8058



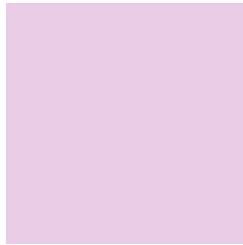
24.7654, 12.0404, 33.9893



1.8493, 0.8974, 2.6127

Previews

White Background



This preview shows how the XYZ color 69.0144, 65.9987, 83.2303 looks on a white background.

Color Contrast Check

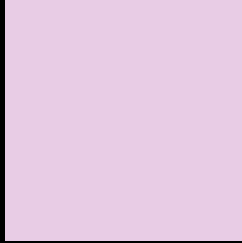
Large Text (above 18pt) WCAG AA × Fail

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 69.0144, 65.9987, 83.2303 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 69.0144, 65.9987, 83.2303

Background



This preview shows how black text looks on a background with the XYZ color 69.0144, 65.9987, 83.2303.



This preview shows how white text looks on a background with the XYZ color 69.0144, 65.9987,

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

69.0144, 65.9987, 83.2303

Protanopia

64.5806, 66.1734, 86.4598

Deuteranopia

67.5782, 65.9685, 83.3002



Tritanopia

67.8375, 65.8720, 77.5458

Trichromacy



Original Color

69.0144, 65.9987, 83.2303

Protanomaly

66.0348, 65.8434, 85.5726

Deuteranomaly

67.9691, 65.8138, 83.2497

Tritanomaly

68.2409, 66.0334, 79.6700

Monochromacy



Original Color

69.0144, 65.9987, 83.2303

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.0313, 67.1280, 77.1869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0144, 65.9987, 83.2303 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(232, 204, 229)` looks like.

```
.text, #text, p{  
    color:rgb(232, 204, 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(232, 204, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 204, 229) }
```

Border

The CSS property to change the border of an element to XYZ 69.0144, 65.9987, 83.2303 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(232, 204, 229) }
```


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

```
.border{ border-color:rgb(232, 204, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 204, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 204, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 204, 229);  
box-shadow:4px 4px 4px 4px rgb(232, 204,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0144, 65.9987, 83.2303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 204, 229) }
```

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

```
.background{ background-color: rgb(232,  
204, 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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