

Converting Colors

XYZ(69.0205, 63.8765, 85.0356)

Have a look what the booklet for
XYZ(69.0205, 63.8765, 85.0356)
contains.

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Color

**XYZ(69.0205, 63.8765,
85.0356)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC6E8
RGB	235, 198, 232
RGB Percent	92%, 78%, 91%
CMY	0.0784, 0.2235, 0.0902
CMYK	0.00, 0.16, 0.01, 0.08
HSL	305°, 48%, 85%
HSV	305°, 16%, 92%
XYZ	69.0205, 63.8765, 85.0356
YIQ	212.9390, 11.1380, 18.4180

Conversions

Conversions Part 2

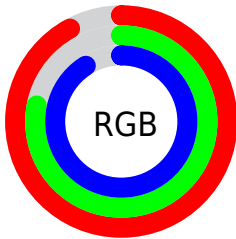
Format	Color
R _Y B	235, 198, 232
Decimal	15451880
CIE _{Lab}	83.90, 18.81, -11.94
CIE _{LCh}	84, 22.276, 327.598
Y _{xy}	63.8765, 0.3167, 0.2931
Android (android.graphics.Color)	4293641960 (0xFFEBC6E8)
Y _{UV}	212.9390, 9.3971, 19.3475
Hunter-Lab	79.9228, 14.2859, -7.1370

Details

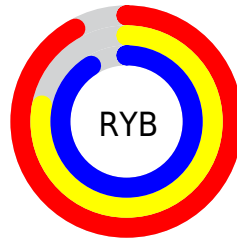
The XYZ color **69.0205, 63.8765, 85.0356** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.5421, 75.6413, 66.5129**, and the grayscale version is **63.1406, 66.4288, 72.3410**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4001, 32.6648, 45.4607** is the 20% darker color. If you saturate the color by 10%, you get **63.7916, 53.8486, 81.9650**, and if you desaturate by 10%, it is **75.0895, 75.5778, 88.4022**.

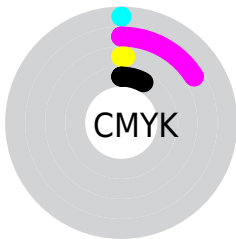
Distribution



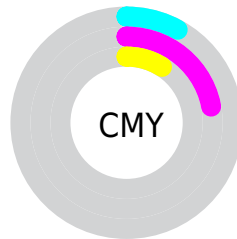
- Red (92%)
- Green (78%)
- Blue (91%)



- Red (92%)
- Yellow (78%)
- Blue (91%)



- Cyan (0%)
- Magenta (16%)
- Yellow (1%)
- Black (8%)



- Cyan (8%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0205, 63.8765, 85.0356 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 69.0205, 63.8765, 85.0356 by changing the saturation by 10% instead.

69.0205, 63.8765,
85.0356

69.0205, 63.8765,
85.0356

446.4235,
438.7435, 531.8935

51.0051, 46.5507,
63.3205

116.8448,
110.4331, 142.2975

36.4337, 32.6806,
45.6579

147.3843,
140.4326, 178.6814

24.9410, 21.8819,
31.6292

182.8294,
175.4254, 220.7919

16.1616, 13.7701,
20.8160

223.5452,
215.7960, 269.0477

9.7302, 7.9610,
12.7996

269.8971,
261.9287, 323.8672

5.2813, 4.0700,
7.1616

322.2506,

2.4497, 1.7128,

314.2079, 385.6689

3.4834

380.9710,
373.0181, 454.8716

■ 0.8700, 0.4319,
1.3464

■ 0.0000, 0.0000,
0.0994

■ 69.0205, 63.8765,
85.0356

■ 69.0205, 63.8765,
85.0356

■ 63.7916, 53.8486,
81.9650

■ 75.0895, 75.5778,
88.4022

■ 59.3588, 45.4092,
79.1734

■ 82.0286, 89.0159,
92.0727

■ 55.6827, 38.4785,
76.6485

■ 85.4127, 95.3389,
94.5727

■ 52.7182, 32.9664,
74.3751

■ 85.6938, 95.4514,
96.0530

50.4155, 28.7732,
72.3366

85.9779, 95.5650,
97.5489

48.7183, 25.7865,
70.5142

86.2649, 95.6798,
99.0606

47.5610, 23.8750,
68.8860

86.5550, 95.7958,
100.5880

46.8626, 22.8766,
67.4250

86.8480, 95.9131,
102.1312

46.6489, 22.6174,
66.8351

87.1441, 96.0315,
103.6902

Harmonies

Analogous

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



65.1832, 63.8765, 96.3104



69.0205, 63.8765, 85.0356



70.6216, 63.8765, 70.6876

Triad

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



69.0205, 63.8765, 85.0356



61.1084, 63.8765, 45.9235



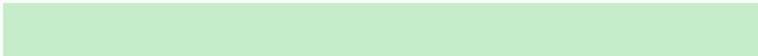
52.7395, 63.8765, 82.8157

Complementary

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



69.0205, 63.8765, 85.0356



63.5421, 75.6413, 66.5129

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.



51.7769, 63.8765, 68.4259



69.0205, 63.8765, 85.0356



56.4515, 63.8765, 48.2726

Square

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



69.0205, 63.8765, 85.0356



65.9029, 63.8765, 49.1646



53.0998, 63.8765, 56.0698



55.8024, 63.8765, 94.9123

Rectangle

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



69.0205, 63.8765, 85.0356



70.1441, 63.8765, 61.7070



53.0998, 63.8765, 56.0698



52.1670, 63.8765, 78.0323

Sweetspot

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



69.0224, 63.8793, 85.0370



90.9506, 92.0668, 106.7145



59.1365, 58.7333, 86.8182



19.3484, 19.4766, 22.7772



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.



69.0224, 63.8793, 85.0370



80.8677, 72.6374, 101.0838



66.5990, 62.9099, 72.2758



15.6590, 15.2915, 18.7558



25.9846, 12.5965, 37.3156



2.0560, 0.9954, 3.0125

Inverse Universe

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



69.0224, 63.8793, 85.0370



80.8677, 72.6374, 101.0838



65.7810, 76.5368, 78.3030



15.6590, 15.2915, 18.7558



25.9846, 12.5965, 37.3156



2.0560, 0.9954, 3.0125

Previews

White Background



This preview shows how the XYZ color 69.0205, 63.8765, 85.0356 looks on a white background.

Color Contrast Check

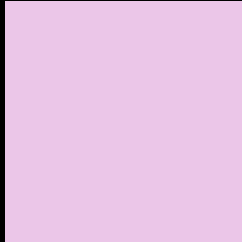
Large Text (above 18pt) WCAG AA × Fail

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 69.0205, 63.8765, 85.0356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

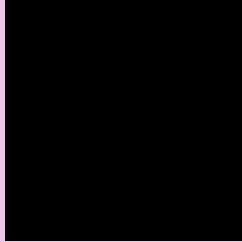
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.0205, 63.8765, 85.0356

Background



This preview shows how black text looks on a background with the XYZ color 69.0205, 63.8765, 85.0356.



This preview shows how white text looks on a background with the XYZ color 69.0205, 63.8765,

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

69.0205, 63.8765, 85.0356

Protanopia

62.8903, 64.1222, 89.9511

Deuteranopia

65.5319, 64.1709, 84.5336



Tritanopia

66.8856, 64.0548, 73.8043

Trichromacy



Original Color

69.0205, 63.8765, 85.0356

Protanomaly

64.7575, 63.6889, 88.2370

Deuteranomaly

66.5957, 64.0181, 84.4481

Tritanomaly

67.7708, 64.0749, 77.9030

Monochromacy



Original Color

69.0205, 63.8765, 85.0356

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.2929, 65.6512, 76.9408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0205, 63.8765, 85.0356 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(235, 198, 232)` looks like.

```
.text, #text, p{  
    color:rgb(235, 198, 232)  
}
```

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(235, 198, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 198, 232) }
```

Border

The CSS property to change the border of an element to XYZ 69.0205, 63.8765, 85.0356 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(235, 198, 232) }
```


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

```
.border{ border-color:rgb(235, 198, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 198, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 198, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 198, 232);  
box-shadow:4px 4px 4px 4px rgb(235, 198,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0205, 63.8765, 85.0356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 198, 232) }
```

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

```
.background{ background-color: rgb(235,  
198, 232) }
```

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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