

Converting Colors

XYZ(69.4627, 63.6155, 88.0526)

Have a look what the booklet for
XYZ(69.4627, 63.6155, 88.0526)
contains.

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Color

**XYZ(69.3675, 63.6508,
87.9866)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC5EC
RGB	235, 197, 236
RGB Percent	92%, 77%, 93%
CMY	0.0784, 0.2274, 0.0745
CMYK	0.00, 0.17, 0.00, 0.07
HSL	298°, 51%, 85%
HSV	298°, 17%, 93%
XYZ	69.3675, 63.6508, 87.9866
YIQ	212.8080, 10.1290, 20.1850

Conversions

Conversions Part 2

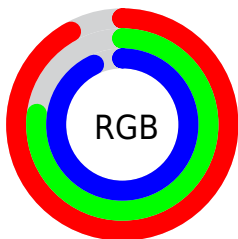
Format	Color
R_{YB}	235, 197, 236
Decimal	15451628
CIE _{Lab}	83.78, 20.07, -14.25
CIE _{LCh}	84, 24.610, 324.629
Yxy	63.6508, 0.3139, 0.2880
Android (android.graphics.Color)	4293641708 (0xFFEBC5EC)
YUV	212.8080, 11.4337, 19.4624
Hunter-Lab	79.7815, 15.5827, -9.5407

Details

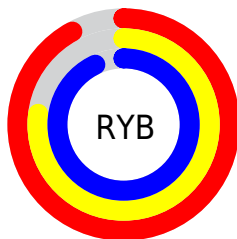
The XYZ color **69.3675, 63.6508, 87.9866** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.3645, 76.0295, 64.1620**, and the grayscale version is **63.0405, 66.3235, 72.2263**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **36.6511, 32.5239, 47.5260** is the 20% darker color. If you saturate the color by 10%, you get **64.2239, 53.6586, 86.3300**, and if you desaturate by 10%, it is **75.3544, 75.3266, 89.9257**.

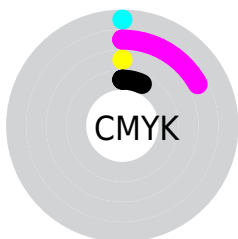
Distribution



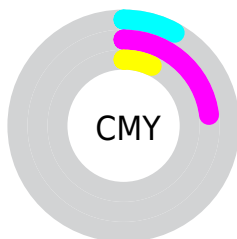
- Red (92%)
- Green (77%)
- Blue (93%)



- Red (92%)
- Yellow (77%)
- Blue (93%)



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (7%)



- Cyan (8%)
- Magenta (23%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3675, 63.6508, 87.9866 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 69.3675, 63.6508, 87.9866 by changing the saturation by 10% instead.

69.3675, 63.6508,
87.9866

69.3675, 63.6508,
87.9866

447.6272,
437.9275, 541.8595

51.2888, 46.3679,
65.7477

117.3375,
110.1079, 146.4495

36.6605, 32.5362,
47.6124

147.9595,
140.0508, 183.5105

25.1172, 21.7714,
33.1623

183.4934,
174.9826, 226.3494

16.2936, 13.6890,
21.9786

224.3044,
215.2876, 275.3846

9.8243, 7.9047,
13.6430

270.7579,
261.3502, 331.0346

5.3440, 4.0340,
7.7369


323.2193,


2.4873, 1.6926,


313.5548, 393.7181


3.8417


382.0540,
372.2858, 463.8536


 0.8889, 0.4189,
1.5389


 0.0000, 0.0000,
0.2467


 69.3675, 63.6508,
87.9866


 69.3675, 63.6508,
87.9866


 64.2239, 53.6586,
86.3300


 75.3544, 75.3266,
89.9257


 59.8790, 45.2639,
84.9386

 82.2154, 88.7505,
92.1551

 56.2928, 38.3854,
83.7999

 85.7643, 95.5491,
93.2803

 53.4193, 32.9316,
82.8987

 85.9664, 95.6534,
93.2898

51.2079, 28.8007,
82.2179

86.1693, 95.7579,
93.2993

49.6010, 25.8780,
81.7385

86.3728, 95.8628,
93.3088

48.5314, 24.0288,
81.4379

86.5770, 95.9681,
93.3184

47.9145, 23.0840,
81.2881

86.7819, 96.0737,
93.3280

47.7580, 22.8711,
81.2552

86.9874, 96.1797,
93.3376

Harmonies

Analogous

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



64.9300, 63.6508, 100.0090



69.3675, 63.6508, 87.9866



71.4377, 63.6508, 72.1265

Triad

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



69.3675, 63.6508, 87.9866



61.4755, 63.6508, 43.7108



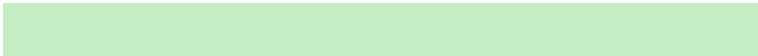
51.5405, 63.6508, 82.4529

Complementary

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



69.3675, 63.6508, 87.9866



63.3645, 76.0295, 64.1620

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.



50.7366, 63.6508, 66.5579



69.3675, 63.6508, 87.9866



56.2728, 63.6508, 45.6321

Square

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



69.3675, 63.6508, 87.9866



66.7111, 63.6508, 47.7718



52.4191, 63.6508, 53.4745



54.6835, 63.6508, 96.4957

Rectangle

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



69.3675, 63.6508, 87.9866



71.1131, 63.6508, 62.0616



52.4191, 63.6508, 53.4745



50.9959, 63.6508, 77.0909

Sweetspot

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



69.3694, 63.6536, 87.9880



90.9964, 92.0712, 107.5832



58.4318, 58.4551, 87.5610



19.3596, 19.4777, 22.9892



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.



69.3694, 63.6536, 87.9880



80.4035, 71.4186, 104.1552



67.1891, 62.8197, 74.7788



15.6744, 15.2929, 19.0480



26.3427, 12.6161, 44.7897



2.0806, 0.9969, 3.5176

Inverse Universe

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



64.7536, 61.8455, 61.9536



73.8895, 68.8684, 67.3509



65.3151, 76.7794, 75.8045



15.0811, 15.0603, 15.7125



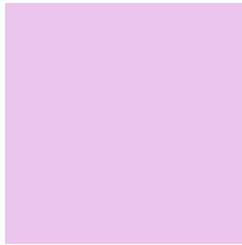
19.0932, 9.8400, 1.0263



1.5048, 0.7749, 0.1097

Previews

White Background



This preview shows how the XYZ color 69.3675, 63.6508, 87.9866 looks on a white background.

Color Contrast Check

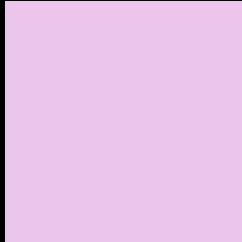
Large Text (above 18pt) WCAG AA × Fail

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 69.3675, 63.6508, 87.9866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

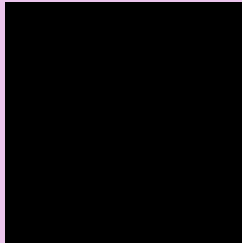
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.3675, 63.6508, 87.9866

Background



This preview shows how black text looks on a background with the XYZ color 69.3675, 63.6508, 87.9866.



This preview shows how white text looks on a background with the XYZ color 69.3675, 63.6508,

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

69.3675, 63.6508, 87.9866

Protanopia

63.1191, 63.7932, 93.7806

Deuteranopia

65.2035, 63.9356, 87.5015



Tritanopia

66.3277, 63.4222, 73.7116

Trichromacy



Original Color

69.3675, 63.6508, 87.9866

Protanomaly

65.1084, 63.4502, 91.2536

Deuteranomaly

66.6225, 63.6187, 87.3655

Tritanomaly

67.3470, 63.4982, 78.5188

Monochromacy



Original Color

69.3675, 63.6508, 87.9866

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.1828, 65.2183, 77.5595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3675, 63.6508, 87.9866 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, 197, 236)` looks like.

```
.text, #text, p{  
    color:rgb(235, 197, 236)  
}
```

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, 197, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 197, 236) }
```

Border

The CSS property to change the border of an element to XYZ 69.3675, 63.6508, 87.9866 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, 197, 236) }
```


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

```
.border{ border-color:rgb(235, 197, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 197, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 197, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 197, 236);  
box-shadow:4px 4px 4px 4px rgb(235, 197,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3675, 63.6508, 87.9866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 197, 236) }
```

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

```
.background{ background-color: rgb(235,  
197, 236) }
```

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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