

Converting Colors

XYZ(69.4989, 63.9778, 84.3291)

Have a look what the booklet for
XYZ(69.4989, 63.9778, 84.3291)
contains.

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Color

**XYZ(69.5429, 64.1622,
84.3205)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC6E7
RGB	237, 198, 231
RGB Percent	93%, 78%, 91%
CMY	0.0706, 0.2235, 0.0941
CMYK	0.00, 0.16, 0.03, 0.07
HSL	309°, 52%, 85%
HSV	309°, 16%, 93%
XYZ	69.5429, 64.1622, 84.3205
YIQ	213.4230, 12.6510, 18.5310

Conversions

Conversions Part 2

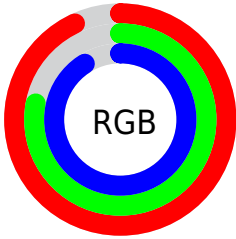
Format	Color
R _Y B	237, 198, 231
Decimal	15582951
CIE Lab	84.05, 19.30, -11.16
CIE LCh	84, 22.294, 329.953
Yxy	64.1622, 0.3190, 0.2943
Android (android.graphics.Color)	4293773031 (0xFFEDC6E7)
YUV	213.4230, 8.6655, 20.6770
Hunter-Lab	80.1013, 14.7940, -6.3421

Details

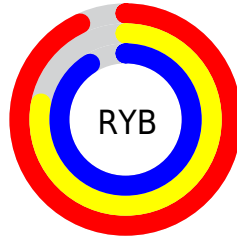
The XYZ color **69.5429, 64.1622, 84.3205** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.4745, 76.9355, 68.5821**, and the grayscale version is **63.4684, 66.7737, 72.7166**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7672, 32.8654, 44.9633** is the 20% darker color. If you saturate the color by 10%, you get **64.0347, 53.9606, 79.9703**, and if you desaturate by 10%, it is **75.9132, 76.0689, 89.0125**.

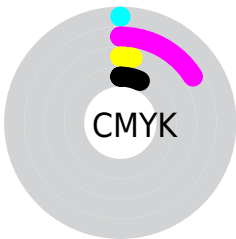
Distribution



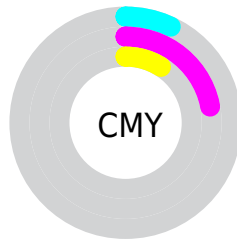
- Red (93%)
- Green (78%)
- Blue (91%)



- Red (93%)
- Yellow (78%)
- Blue (91%)



- Cyan (0%)
- Magenta (16%)
- Yellow (3%)
- Black (7%)



- Cyan (7%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5429, 64.1622, 84.3205 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 69.5429, 64.1622, 84.3205 by changing the saturation by 10% instead.

69.5429, 64.1622,
84.3205

69.5429, 64.1622,
84.3205

448.2349,
439.7751, 529.4628

51.4322, 46.7821,
62.7332

117.5865,
110.8445, 141.2891

36.7751, 32.8634,
45.1858

148.2501,
140.9154, 177.5075

25.2063, 22.0218,
31.2598

183.8288,
175.9854, 219.4400

16.3604, 13.8729,
20.5366

224.6878,
216.4389, 267.5051

9.8720, 8.0323,
12.5978

271.1926,
262.6602, 322.1214

5.3758, 4.1156,
7.0247


323.7085,


2.5064, 1.7385,


315.0337, 383.7074


3.3989


382.6008,
373.9439, 452.6817


 0.8985, 0.4484,
1.3017


 0.0000, 0.0000,
0.0632


 69.5429, 64.1622,
84.3205


 69.5429, 64.1622,
84.3205


 64.0347, 53.9606,
79.9703


 75.9132, 76.0689,
89.0125


 59.3436, 45.3771,
75.9444

 83.1767, 89.7457,
94.0547

 55.4290, 38.3295,
72.2297

 86.7037, 95.9320,
97.9050

 52.2445, 32.7254,
68.8102

 87.2568, 96.1533,
100.8179

■ 49.7388, 28.4621,
65.6688

■ 87.8210, 96.3789,
103.7886

■ 47.8539, 25.4237,
62.7855

■ 88.3962, 96.6090,
106.8175

■ 46.5217, 23.4742,
60.1376

■ 88.7355, 96.7448,
108.6045

■ 45.6570, 22.4433,
57.6961

■ 45.4135, 22.1999,
56.8635

Harmonies

Analogous

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



65.8294, 64.1622, 96.0562



69.5429, 64.1622, 84.3205



70.9394, 64.1622, 69.8837

Triad

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



69.5429, 64.1622, 84.3205



60.9919, 64.1622, 46.1251



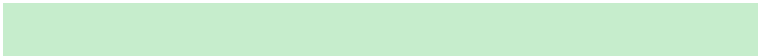
53.1513, 64.1622, 84.2773

Complementary

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



69.5429, 64.1622, 84.3205



64.4745, 76.9355, 68.5821

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.



52.0070, 64.1622, 69.8397



69.5429, 64.1622, 84.3205



56.3828, 64.1622, 48.9231

Square

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



69.5429, 64.1622, 84.3205



65.8434, 64.1622, 48.9404



53.1583, 64.1622, 57.1582



56.3702, 64.1622, 96.0290

Rectangle

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



69.5429, 64.1622, 84.3205



70.3133, 64.1622, 61.0200



53.1583, 64.1622, 57.1582



52.5192, 64.1622, 79.5188

Sweetspot

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



69.5448, 64.1650, 84.3219



90.8023, 92.0075, 105.9339



60.3437, 59.3220, 88.3916



19.3123, 19.4621, 22.5868



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.



69.5448, 64.1650, 84.3219



79.6450, 71.1706, 97.6590



66.9609, 63.1314, 70.7151



15.6094, 15.2716, 18.4945



24.8335, 12.1361, 31.2541



1.9769, 0.9637, 2.5959

Inverse Universe

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



69.5448, 64.1650, 84.3219



79.6450, 71.1706, 97.6590



66.9416, 77.9224, 81.5740



15.6094, 15.2716, 18.4945



24.8335, 12.1361, 31.2541



1.9769, 0.9637, 2.5959

Previews

White Background



This preview shows how the XYZ color 69.5429, 64.1622, 84.3205 looks on a white background.

Color Contrast Check

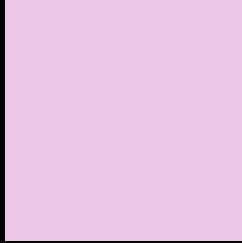
Large Text (above 18pt) WCAG AA × Fail

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 69.5429, 64.1622, 84.3205 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 69.5429, 64.1622, 84.3205

Background



This preview shows how black text looks on a background with the XYZ color 69.5429, 64.1622, 84.3205.



This preview shows how white text looks on a background with the XYZ color 69.5429, 64.1622,

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

69.5429, 64.1622, 84.3205

Protanopia

63.1653, 64.2639, 89.9639

Deuteranopia

65.6946, 64.2711, 83.8060



Tritanopia

67.5423, 64.3933, 73.8350

Trichromacy



Original Color

69.5429, 64.1622, 84.3205

Protanomaly

65.2035, 63.9356, 87.5015

Deuteranomaly

67.0820, 64.2851, 83.7356

Tritanomaly

68.2975, 64.3619, 77.2300

Monochromacy



Original Color

69.5429, 64.1622, 84.3205

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.5983, 65.8087, 76.9551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5429, 64.1622, 84.3205 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(237, 198, 231)` looks like.

```
.text, #text, p{  
    color:rgb(237, 198, 231)  
}
```

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(237, 198, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 198, 231) }
```

Border

The CSS property to change the border of an element to XYZ 69.5429, 64.1622, 84.3205 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(237, 198, 231) }
```


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

```
.border{ border-color:rgb(237, 198, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 198, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 198, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 198, 231);  
box-shadow:4px 4px 4px 4px rgb(237, 198,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5429, 64.1622, 84.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 198, 231) }
```

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

```
.background{ background-color: rgb(237,  
198, 231) }
```

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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