

Converting Colors

XYZ(68.5318, 63.7513, 84.0667)

Have a look what the booklet for
XYZ(68.5318, 63.7513, 84.0667)
contains.

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Color

**XYZ(68.5496, 63.6501,
84.2741)**

Conversions

Conversions Part 1

Format	Color
Hex	EAC6E7
RGB	234, 198, 231
RGB Percent	92%, 78%, 91%
CMY	0.0823, 0.2235, 0.0941
CMYK	0.00, 0.15, 0.01, 0.08
HSL	305°, 46%, 85%
HSV	305°, 15%, 92%
XYZ	68.5496, 63.6501, 84.2741
YIQ	212.5260, 10.8630, 17.8950

Conversions

Conversions Part 2

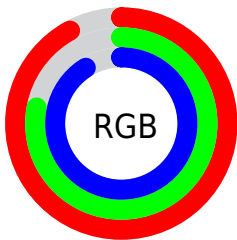
Format	Color
R_{YB}	234, 198, 231
Decimal	15386343
CIE _{Lab}	83.78, 18.29, -11.59
CIE _{LCh}	84, 21.655, 327.645
Yxy	63.6501, 0.3167, 0.2940
Android (android.graphics.Color)	4293576423 (0xFFEAC6E7)
YUV	212.5260, 9.1077, 18.8327
Hunter-Lab	79.7810, 13.7544, -6.7824

Details

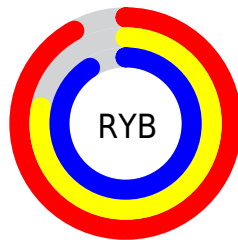
The XYZ color **68.5496, 63.6501, 84.2741** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.2566, 75.0703, 66.4178**, and the grayscale version is **62.8671, 66.1411, 72.0277**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.0712, 32.5066, 44.9307** is the 20% darker color. If you saturate the color by 10%, you get **63.3354, 53.6591, 81.1852**, and if you desaturate by 10%, it is **74.5969, 75.3004, 87.6574**.

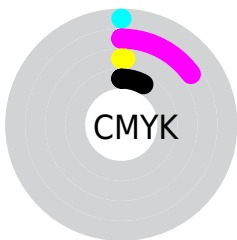
Distribution



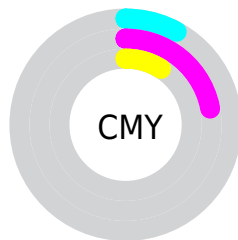
- Red (92%)
- Green (78%)
- Blue (91%)



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



- Cyan (0%)
- Magenta (15%)
- Yellow (1%)
- Black (8%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.5496, 63.6501, 84.2741 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 68.5496, 63.6501, 84.2741 by changing the saturation by 10% instead.

68.5496, 63.6501,
84.2741

68.5496, 63.6501,
84.2741

444.7871,
437.9250, 529.3048

50.6203, 46.3673,
62.6951

116.1756,
110.1069, 141.2237

36.1263, 32.5358,
45.1552

146.6031,
140.0497, 177.4313

24.7023, 21.7711,
31.2358

181.9273,
174.9813, 219.3522

15.9830, 13.6888,
20.5185

222.5136,
215.2860, 267.4049

9.6029, 7.9045,
12.5847

268.7274,
261.3484, 322.0080

5.1967, 4.0339,
7.0159

320.9340,

2.3991, 1.6926,

313.5528, 383.5800

3.3934

379.4988,
372.2835, 452.5394

■ 0.8446, 0.4188,
1.2989

■ 0.0000, 0.0000,
0.0609

■ 68.5496, 63.6501,
84.2741

■ 68.5496, 63.6501,
84.2741

■ 63.3354, 53.6591,
81.1852

■ 74.5969, 75.3004,
87.6574

■ 58.9108, 45.2436,
78.3738

■ 81.5071, 88.6724,
91.3427

■ 55.2371, 38.3246,
75.8277

■ 84.9567, 95.1185,
93.8898

■ 52.2696, 32.8135,
73.5321

■ 85.2431, 95.2330,
95.3977

49.9594, 28.6120,
71.4705

85.5325, 95.3488,
96.9221

48.2510, 25.6093,
69.6244

85.8251, 95.4659,
98.4628

47.0799, 23.6764,
67.9723

86.1208, 95.5841,
100.0200

46.3666, 22.6544,
66.4876

86.4197, 95.7037,
101.5938

46.1335, 22.3732,
65.8391

86.7217, 95.8245,
103.1841

Harmonies

Analogous

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



64.8372, 63.6501, 95.1676



68.5496, 63.6501, 84.2741



70.0946, 63.6501, 70.3852

Triad

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



68.5496, 63.6501, 84.2741



60.8738, 63.6501, 46.3068



52.7585, 63.6501, 82.1697

Complementary

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



68.5496, 63.6501, 84.2741



63.2566, 75.0703, 66.4178

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.



51.8190, 63.6501, 68.2342



68.5496, 63.6501, 84.2741



56.3560, 63.6501, 48.6104

Square

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



68.5496, 63.6501, 84.2741



65.5207, 63.6501, 49.4644



53.1020, 63.6501, 56.2210



55.7378, 63.6501, 93.8451

Rectangle

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



68.5496, 63.6501, 84.2741



69.6299, 63.6501, 61.6705



53.1020, 63.6501, 56.2210



52.2007, 63.6501, 77.5431

Sweetspot

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



68.5515, 63.6529, 84.2755



90.9459, 92.0649, 106.6902



59.1355, 58.7494, 86.0661



19.3473, 19.4761, 22.7712



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.



68.5515, 63.6529, 84.2755



81.5051, 73.8860, 101.3766



66.1382, 62.6876, 71.5673



15.6575, 15.2909, 18.7477



25.9470, 12.5815, 37.1179



2.0535, 0.9944, 2.9990

Inverse Universe

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



68.5515, 63.6529, 84.2755



81.5051, 73.8860, 101.3766



65.5000, 75.9677, 78.2310



15.6575, 15.2909, 18.7477



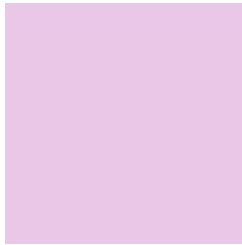
25.9470, 12.5815, 37.1179



2.0535, 0.9944, 2.9990

Previews

White Background



This preview shows how the XYZ color 68.5496, 63.6501, 84.2741 looks on a white background.

Color Contrast Check

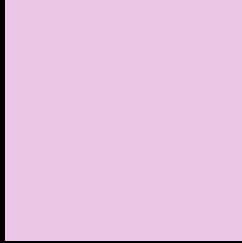
Large Text (above 18pt) WCAG AA × Fail

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 68.5496, 63.6501, 84.2741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

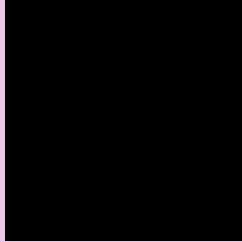
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.5496, 63.6501, 84.2741

Background



This preview shows how black text looks on a background with the XYZ color 68.5496, 63.6501, 84.2741.



This preview shows how white text looks on a background with the XYZ color 68.5496, 63.6501,

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

68.5496, 63.6501, 84.2741

Protanopia

62.5007, 63.5774, 89.0983

Deuteranopia

65.1541, 63.6407, 83.7128



Tritanopia

66.5600, 63.8870, 73.7891

Trichromacy



Original Color

68.5496, 63.6501, 84.2741

Protanomaly

64.6126, 63.6310, 87.4738

Deuteranomaly

66.2209, 63.4940, 83.6283

Tritanomaly

67.3097, 63.8526, 77.1838

Monochromacy



Original Color

68.5496, 63.6501, 84.2741

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 68.5496, 63.6501, 84.2741 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(234, 198, 231)` looks like.

```
.text, #text, p{  
    color:rgb(234, 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(234, 198, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 198, 231) }
```

Border

The CSS property to change the border of an element to XYZ 68.5496, 63.6501, 84.2741 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(234, 198, 231) }
```


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

```
.border{ border-color:rgb(234, 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(234, 198, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 198, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 198, 231);  
box-shadow:4px 4px 4px 4px rgb(234, 198,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 68.5496, 63.6501, 84.2741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 198, 231) }
```

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

```
.background{ background-color: rgb(234,  
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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