

Converting Colors

XYZ(68.8514, 62.0848, 86.2418)

Have a look what the booklet for
XYZ(68.8514, 62.0848, 86.2418)
contains.

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Color

**XYZ(68.8463, 62.0850,
86.1969)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC1EA
RGB	237, 193, 234
RGB Percent	93%, 76%, 92%
CMY	0.0706, 0.2431, 0.0823
CMYK	0.00, 0.19, 0.01, 0.07
HSL	304°, 55%, 84%
HSV	304°, 19%, 93%
XYZ	68.8463, 62.0850, 86.1969
YIQ	210.8300, 13.0630, 22.0790

Conversions

Conversions Part 2

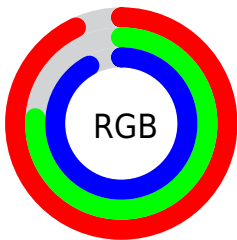
Format	Color
R _Y B	237, 193, 234
Decimal	15581674
CIE Lab	82.96, 22.49, -14.40
CIE LCh	83, 26.706, 327.379
Yxy	62.0850, 0.3171, 0.2859
Android (android.graphics.Color)	4293771754 (0xFFEDC1EA)
YUV	210.8300, 11.4228, 22.9511
Hunter-Lab	78.7940, 18.0748, -9.7046

Details

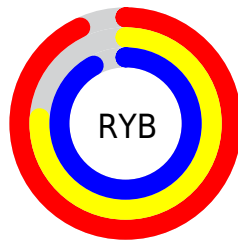
The XYZ color **68.8463, 62.0850, 86.1969** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.2428, 75.8932, 63.5963**, and the grayscale version is **61.7273, 64.9419, 70.7217**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **36.3246, 31.5033, 46.2857** is the 20% darker color. If you saturate the color by 10%, you get **63.7906, 52.3426, 83.3720**, and if you desaturate by 10%, it is **74.7473, 73.5128, 89.3155**.

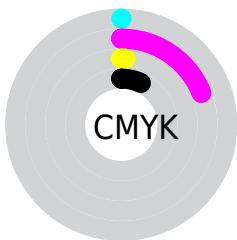
Distribution



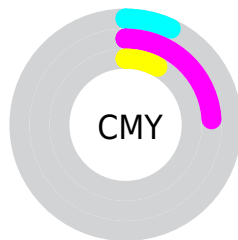
- Red (93%)
- Green (76%)
- Blue (92%)



- Red (93%)
- Yellow (76%)
- Blue (92%)



- Cyan (0%)
- Magenta (19%)
- Yellow (1%)
- Black (7%)





- Cyan (7%)
- Magenta (24%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.8463, 62.0850, 86.1969 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 68.8463, 62.0850, 86.1969 by changing the saturation by 10% instead.


 68.8463, 62.0850,
86.1969

 68.8463, 62.0850,
86.1969


445.8186,
432.2411, 535.8278

 50.8627, 45.1014,
64.2750


 116.5973,
107.8484, 143.9332

 36.3200, 31.5373,
46.4258


147.0954,
137.3969, 180.5847

 24.8527, 21.0083,
32.2309


182.4958,
171.9026, 222.9830

 16.0955, 13.1301,
21.2716

223.1637,
211.7497, 271.5469

 9.6830, 7.5182,
13.1295

269.4646,
257.3227, 326.6948

 5.2499, 3.7882,
7.3860

321.7638,

 2.4309, 1.5558,

309.0060, 388.8452

3.6226

380.4267,
367.1840, 458.4166

■ 0.8605, 0.3275,
1.4207

■ 0.0000, 0.0000,
0.1578

■ 68.8463, 62.0850,
86.1969

■ 68.8463, 62.0850,
86.1969

■ 63.7906, 52.3426,
83.3720

■ 74.7473, 73.5128,
89.3155

■ 59.5348, 44.1975,
80.8233

■ 81.5254, 86.6922,
92.7362

■ 56.0376, 37.5662,
78.5380

■ 86.2433, 95.7479,
95.4807

■ 53.2517, 32.3543,
76.5001

■ 86.4830, 95.8438,
96.7430

51.1247, 28.4566,
74.6922

86.7249, 95.9405,
98.0166

49.5967, 25.7537,
73.0943

86.9689, 96.0381,
99.3015

48.5971, 24.1043,
71.6828

87.2150, 96.1366,
100.5977

48.0232, 23.3029,
70.4235

87.4633, 96.2359,
101.9053

47.9553, 23.2167,
70.2482

87.7138, 96.3361,
103.2242

Harmonies

Analogous

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



64.2552, 62.0850, 99.8871



68.8463, 62.0850, 86.1969



70.7892, 62.0850, 69.0622

Triad

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



68.8463, 62.0850, 86.1969



59.5183, 62.0850, 40.5897



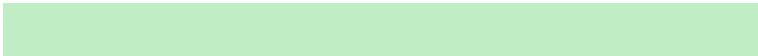
49.7047, 62.0850, 83.2739

Complementary

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



68.8463, 62.0850, 86.1969



62.2428, 75.8932, 63.5963

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.



48.6157, 62.0850, 66.1586



68.8463, 62.0850, 86.1969



54.0581, 62.0850, 43.1487

Square

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



68.8463, 62.0850, 86.1969



65.1890, 62.0850, 44.2339



50.1581, 62.0850, 51.8910



53.2342, 62.0850, 98.0156

Rectangle

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



68.8463, 62.0850, 86.1969



70.2325, 62.0850, 58.5550



50.1581, 62.0850, 51.8910



49.0515, 62.0850, 77.5315

Sweetspot

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



68.8482, 62.0877, 86.1982



90.1943, 90.5567, 106.4550



57.1064, 55.9844, 87.9181



19.1971, 19.1727, 22.7305



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.



68.8482, 62.0877, 86.1982



79.0805, 69.0369, 100.5684



65.8893, 60.9041, 70.6169



15.6679, 15.2950, 18.8024



26.2014, 12.6833, 38.4575



2.0708, 1.0013, 3.0902

Inverse Universe

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



68.8482, 62.0877, 86.1982



79.0805, 69.0369, 100.5684



64.9249, 76.9660, 77.7201



15.6679, 15.2950, 18.8024



26.2014, 12.6833, 38.4575



2.0708, 1.0013, 3.0902

Previews

White Background



This preview shows how the XYZ color 68.8463, 62.0850, 86.1969 looks on a white background.

Color Contrast Check

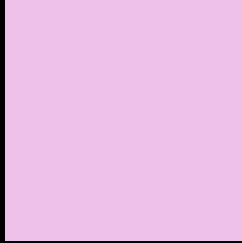
Large Text (above 18pt) WCAG AA × Fail

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 68.8463, 62.0850, 86.1969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

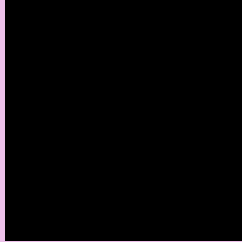
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.8463, 62.0850, 86.1969

Background



This preview shows how black text looks on a background with the XYZ color 68.8463, 62.0850, 86.1969.



This preview shows how white text looks on a background with the XYZ color 68.8463, 62.0850,

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

68.8463, 62.0850, 86.1969

Protanopia

61.6778, 62.3528, 92.7889

Deuteranopia

63.4765, 62.0466, 84.9745



Tritanopia

65.7816, 62.1784, 70.8219

Trichromacy



Original Color

68.8463, 62.0850, 86.1969

Protanomaly

63.9072, 62.1514, 90.2895

Deuteranomaly

65.3335, 61.9593, 85.6067

Tritanomaly

66.9191, 62.3093, 76.2100

Monochromacy



Original Color

68.8463, 62.0850, 86.1969

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.8942, 63.5158, 75.9100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.8463, 62.0850, 86.1969 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, 193, 234)` looks like.

```
.text, #text, p{  
    color:rgb(237, 193, 234)  
}
```

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, 193, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 193, 234) }
```

Border

The CSS property to change the border of an element to XYZ 68.8463, 62.0850, 86.1969 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, 193, 234) }
```


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

```
.border{ border-color:rgb(237, 193, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 193, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 193, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 193, 234);  
box-shadow:4px 4px 4px 4px rgb(237, 193,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 68.8463, 62.0850, 86.1969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 193, 234) }
```

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

```
.background{ background-color: rgb(237,  
193, 234) }
```

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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