

Converting Colors

XYZ(63.0541, 44.4083, 82.3403)

Have a look what the booklet for
XYZ(63.0541, 44.4083, 82.3403)
contains.

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Color

**XYZ(63.0075, 44.4882,
82.3570)**

Conversions

Conversions Part 1

Format	Color
Hex	F98BE9
RGB	249, 139, 233
RGB Percent	98%, 55%, 91%
CMY	0.0235, 0.4549, 0.0863
CMYK	0.00, 0.44, 0.06, 0.02
HSL	309°, 90%, 76%
HSV	309°, 44%, 98%
XYZ	63.0075, 44.4882, 82.3570
YIQ	182.6060, 35.3860, 52.5540

Conversions

Conversions Part 2

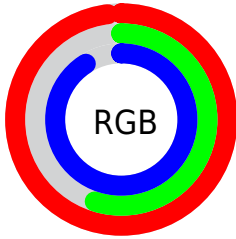
Format	Color
R_{YB}	249, 139, 233
Decimal	16354281
CIE _{Lab}	72.55, 54.27, -29.55
CIE _{LCh}	73, 61.793, 331.435
Yxy	44.4882, 0.3319, 0.2343
Android (android.graphics.Color)	4294544361 (0xFFFF98BE9)
YUV	182.6060, 24.8442, 58.2275
Hunter-Lab	66.6995, 51.8955, -26.5185

Details

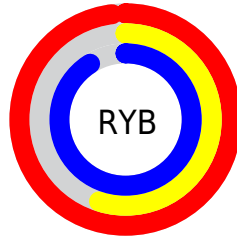
The XYZ color **63.0075, 44.4882, 82.3570** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **50.4415, 75.6084, 42.9486**, and the grayscale version is **44.6504, 46.9757, 51.1565**.

A 20% lighter version of the original color is **78.8051, 67.5102, 103.4850**, and **32.6702, 20.7477, 43.8778** is the 20% darker color. If you saturate the color by 10%, you get **59.2924, 37.8769, 78.5922**, and if you desaturate by 10%, it is **67.5570, 52.7498, 86.4533**.

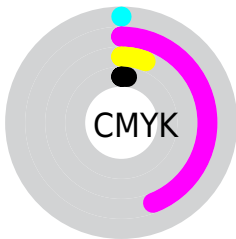
Distribution



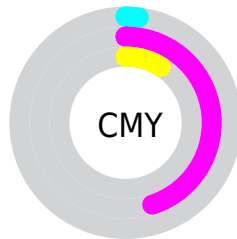
- Red (98%)
- Green (55%)
- Blue (91%)



- Red (98%)
- Yellow (55%)
- Blue (91%)



- Cyan (0%)
- Magenta (44%)
- Yellow (6%)
- Black (2%)



- Cyan (2%)
- Magenta (45%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.0075, 44.4882, 82.3570 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 63.0075, 44.4882, 82.3570 by changing the saturation by 10% instead.


 63.0075, 44.4882,
82.3570


 63.0075, 44.4882,
82.3570

425.2559,
364.6968, 522.7558


 46.1059, 31.0545,
61.1223

 108.2621, 81.9519,
138.5157

 32.5344, 20.6403,
43.8927


 137.3458,
106.7506, 174.2768

 21.9275, 12.8614,
30.2496


 171.2210,
136.1065, 215.7171

 13.9200, 7.3332,
19.7744

210.2530,
170.4039, 263.2552

 8.1464, 3.6713,
12.0487

254.8071,
210.0273, 317.3095

 4.2413, 1.4915,
6.6539

305.2487,

 1.8396, 0.2827,

255.3609, 378.2987

3.1715

361.9432,
306.7893, 446.6413

■ 0.5413, 0.0000,
1.1829

■ 0.0000, 0.0000,
0.0000

■ 63.0075, 44.4882,
82.3570

■ 63.0075, 44.4882,
82.3570

■ 59.2924, 37.8769,
78.5922

■ 67.5570, 52.7498,
86.4533

■ 56.3510, 32.7967,
75.1369

■ 72.9879, 62.7578,
90.8956

■ 54.1209, 29.1225,
71.9705

■ 79.3486, 74.6083,
95.7008

■ 52.5283, 26.7066,
69.0681

■ 86.6829, 88.3885,
100.8840

■ 51.4829, 25.3685,
66.3993

■ 92.2575, 98.6320,
105.5341

■ 51.0497, 24.9329,
64.9266

■ 92.8344, 98.8628,
108.5723

■ 92.8773, 98.8799,
108.7983

Harmonies

Analogous

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



53.9248, 44.4882, 117.9480



63.0075, 44.4882, 82.3570



66.3167, 44.4882, 46.9825

Triad

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



63.0075, 44.4882, 82.3570



41.7726, 44.4882, 10.2242



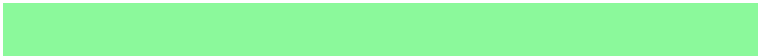
27.0711, 44.4882, 86.0437

Complementary

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



63.0075, 44.4882, 82.3570



50.4415, 75.6084, 42.9486

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.



24.8979, 44.4882, 49.9275



63.0075, 44.4882, 82.3570



32.4532, 44.4882, 13.5917

Square

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



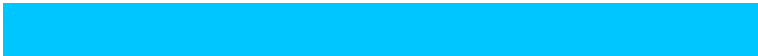
63.0075, 44.4882, 82.3570



52.8843, 44.4882, 12.9703



26.6910, 44.4882, 25.4083



33.2054, 44.4882, 120.6332

Rectangle

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



63.0075, 44.4882, 82.3570



64.4263, 44.4882, 29.9689



26.6910, 44.4882, 25.4083



25.9045, 44.4882, 73.2691

Sweetspot

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



63.0089, 44.4902, 82.3579



84.6047, 80.3362, 101.6361



39.5967, 32.1446, 93.7410



17.7671, 16.5555, 21.5049



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.



63.0089, 44.4902, 82.3579



62.9831, 40.6747, 83.3868



56.4717, 41.8754, 47.9335



17.8781, 17.4786, 21.2138



27.3671, 13.3626, 34.9711



2.5634, 1.2491, 3.3901

Inverse Universe

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



63.0089, 44.4902, 82.3579



62.9831, 40.6747, 83.3868



55.9923, 77.8287, 72.1787



17.8781, 17.4786, 21.2138



27.3671, 13.3626, 34.9711



2.5634, 1.2491, 3.3901

Previews

White Background



This preview shows how the XYZ color 63.0075, 44.4882, 82.3570 looks on a white background.

Color Contrast Check

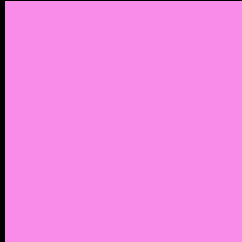
Large Text (above 18pt) WCAG AA × Fail

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 63.0075, 44.4882, 82.3570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

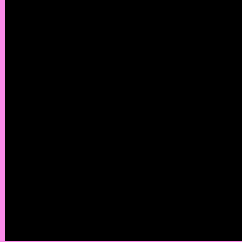
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.0075, 44.4882, 82.3570

Background



This preview shows how black text looks on a background with the XYZ color 63.0075, 44.4882, 82.3570.



This preview shows how white text looks on a background with the XYZ color 63.0075, 44.4882,

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

63.0075, 44.4882, 82.3570

Protanopia

46.7122, 45.0430, 100.8399

Deuteranopia

45.7727, 44.7520, 78.8986



Tritanopia

54.6228, 44.5286, 41.3133

Trichromacy



Original Color

63.0075, 44.4882, 82.3570



Protanomaly

50.6247, 43.6012, 93.7433



Deuteranomaly

50.6164, 43.6399, 79.8843



Tritanomaly

57.3499, 44.4457, 54.2714

Monochromacy



Original Color

63.0075, 44.4882, 82.3570



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

50.0935, 45.1199, 61.3271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0075, 44.4882, 82.3570 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(249, 139, 233)` looks like.

```
.text, #text, p{  
    color:rgb(249, 139, 233)  
}
```

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(249, 139, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 139, 233) }
```

Border

The CSS property to change the border of an element to XYZ 63.0075, 44.4882, 82.3570 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(249, 139, 233) }
```


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

```
.border{ border-color:rgb(249, 139, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 139, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 139, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 139, 233);  
box-shadow:4px 4px 4px 4px rgb(249, 139,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0075, 44.4882, 82.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 139, 233) }
```

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

```
.background{ background-color: rgb(249,  
139, 233) }
```

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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