

Converting Colors

XYZ(62.8089, 44.8694, 99.9543)

Have a look what the booklet for
XYZ(62.8089, 44.8694, 99.9543)
contains.

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Color

**XYZ(62.7975, 44.8694,
99.9586)**

Conversions

Conversions Part 1

Format	Color
Hex	ED8FFF
RGB	237, 143, 255
RGB Percent	93%, 56%, 100%
CMY	0.0706, 0.4392, 0.0000
CMYK	0.07, 0.44, 0.00, 0.00
HSL	290°, 100%, 78%
HSV	290°, 44%, 100%
XYZ	62.7975, 44.8694, 99.9586
YIQ	183.8740, 20.0720, 54.7600

Conversions

Conversions Part 2

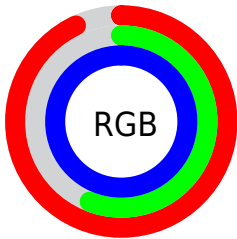
Format	Color
R _Y B	237, 143, 255
Decimal	15568895
CIE Lab	72.81, 52.70, -41.27
CIE LCh	73, 66.934, 321.938
Yxy	44.8694, 0.3025, 0.2161
Android (android.graphics.Color)	4293758975 (0xFFED8FFF)
YUV	183.8740, 35.0651, 46.5915
Hunter-Lab	66.9846, 50.1191, -41.5870

Details

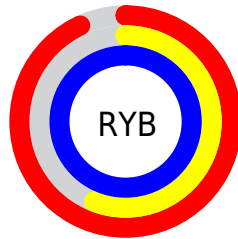
The XYZ color **62.7975, 44.8694, 99.9586** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **55.4168, 81.0807, 38.7179**, and the grayscale version is **45.2967, 47.6557, 51.8970**.

A 20% lighter version of the original color is **79.7134, 69.3268, 103.7878**, and **32.3558, 20.8057, 55.7366** is the 20% darker color. If you saturate the color by 10%, you get **58.0433, 37.3681, 98.7613**, and if you desaturate by 10%, it is **68.4558, 54.1304, 101.4479**.

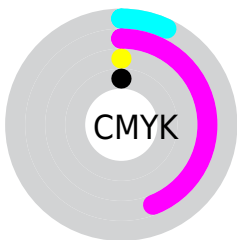
Distribution



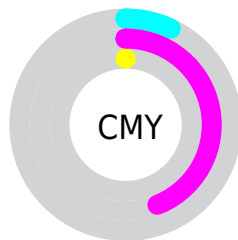
- Red (93%)
- Green (56%)
- Blue (100%)



- Red (93%)
- Yellow (56%)
- Blue (100%)



- Cyan (7%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.7975, 44.8694, 99.9586 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 62.7975, 44.8694, 99.9586 by changing the saturation by 10% instead.


 62.7975, 44.8694,
99.9586

 62.7975, 44.8694,
99.9586


424.5056,
366.2444, 581.3055

 45.9354, 31.3546,
75.6493

 107.9608, 82.5244,
163.1517

 32.3993, 20.8690,
55.6400


 136.9927,
107.4334, 202.8725

 21.8237, 13.0283,
39.5123


170.8119,
136.9091, 248.5676

 13.8433, 7.4480,
26.8476

209.7839,
171.3362, 300.6554

 8.0927, 3.7438,
17.2274

254.2738,
211.0988, 359.5546

 4.2066, 1.5313,
10.2331

304.6472,

 1.8197, 0.3106,

256.5814, 425.6836

5.4461

361.2693,
308.1685, 499.4611

■ 0.5295, 0.0000,
2.4481

■ 0.0000, 0.0000,
0.8124

■ 62.7975, 44.8694,
99.9586

■ 62.7975, 44.8694,
99.9586

■ 58.0433, 37.3681,
98.7613

■ 68.4558, 54.1304,
101.4479

■ 54.1289, 31.5013,
97.8352

■ 75.0682, 65.2539,
103.2465

■ 50.9883, 27.1364,
97.1582

■ 82.6859, 78.3411,
105.3711

■ 48.5434, 24.1173,
96.7043

■ 91.3554, 93.4844,
107.8371

■ 46.6986, 22.2532, 95.0500, 100.0000,
96.4417 108.9000

■ 45.7876, 21.5193,
96.3481

Harmonies

Analogous

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



51.5629, 44.8694, 135.6437



62.7975, 44.8694, 99.9586



68.8540, 44.8694, 58.4034

Triad

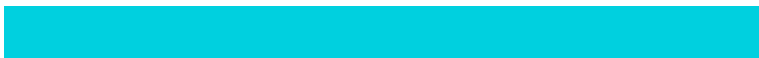
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.7975, 44.8694, 99.9586



45.8623, 44.8694, 8.9136



25.0791, 44.8694, 76.9140

Complementary

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



62.7975, 44.8694, 99.9586



55.4168, 81.0807, 38.7179

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.



24.1100, 44.8694, 40.4088



62.7975, 44.8694, 99.9586



34.8231, 44.8694, 10.2653

Square

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



62.7975, 44.8694, 99.9586



57.9800, 44.8694, 13.7801



27.3466, 44.8694, 19.0437



30.2879, 44.8694, 118.6555

Rectangle

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



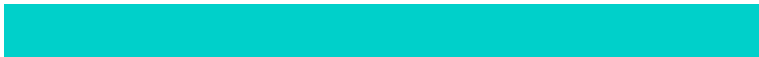
62.7975, 44.8694, 99.9586



68.4931, 44.8694, 36.7645



27.3466, 44.8694, 19.0437



24.2901, 44.8694, 63.3425

Sweetspot

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



62.7989, 44.8713, 99.9589



83.4386, 79.6465, 105.5834



42.2410, 38.7849, 99.8676



17.4758, 16.3833, 22.4912



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.



62.7989, 44.8713, 99.9589



58.4445, 37.9879, 98.8598



63.6747, 45.9510, 71.6157



18.4892, 18.1439, 22.7776



24.0320, 11.2994, 50.3490



2.4132, 1.1380, 4.9057

Inverse Universe

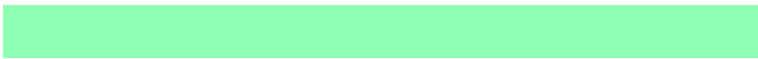
The Inverse Universe completely reimagines the original color for something new.



57.4965, 43.4797, 39.0816



52.7886, 36.5970, 29.7035



55.3611, 80.6691, 56.0129



18.1284, 18.0347, 19.2933



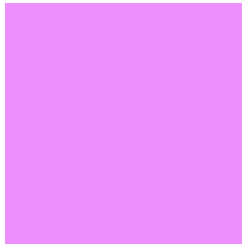
21.7926, 11.2063, 2.2925



2.1543, 1.1041, 0.3938

Previews

White Background



This preview shows how the XYZ color 62.7975, 44.8694, 99.9586 looks on a white background.

Color Contrast Check

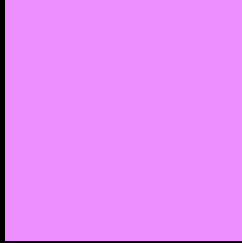
Large Text (above 18pt) WCAG AA × Fail

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 62.7975, 44.8694, 99.9586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

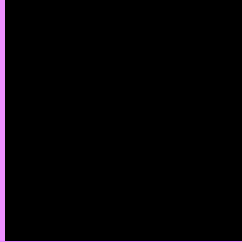
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.7975, 44.8694, 99.9586

Background



This preview shows how black text looks on a background with the XYZ color 62.7975, 44.8694, 99.9586.



This preview shows how white text looks on a background with the XYZ color 62.7975, 44.8694,

99.9586.

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

62.7975, 44.8694, 99.9586

Protanopia

46.9090, 45.4366, 100.9055

Deuteranopia

46.5313, 45.3518, 95.9238



Tritanopia

51.7489, 44.7145, 45.9477

Trichromacy



Original Color

62.7975, 44.8694, 99.9586



Protanomaly

51.2723, 44.3206, 100.4601



Deuteranomaly

50.8753, 44.1896, 97.1148

Tritanomaly

54.9682, 44.2460, 62.1431

Monochromacy



Original Color

62.7975, 44.8694, 99.9586



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

50.4494, 45.7256, 67.1397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7975, 44.8694, 99.9586 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, 143, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 143, 255)  
}
```

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, 143, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 143, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.7975, 44.8694, 99.9586 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, 143, 255) }
```


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

```
.border{ border-color:rgb(237, 143, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 143, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 143, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 143, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 143,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7975, 44.8694, 99.9586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 143, 255) }
```

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

```
.background{ background-color: rgb(237,  
143, 255) }
```

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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