

Converting Colors

XYZ(61.3453, 44.1645, 99.8991)

Have a look what the booklet for
XYZ(61.3453, 44.1645, 99.8991)
contains.

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Color

**XYZ(61.4767, 44.1886,
99.8968)**

Conversions

Conversions Part 1

Format	Color
Hex	E98FFF
RGB	233, 143, 255
RGB Percent	91%, 56%, 100%
CMY	0.0863, 0.4392, 0.0000
CMYK	0.09, 0.44, 0.00, 0.00
HSL	288°, 100%, 78%
HSV	288°, 44%, 100%
XYZ	61.4767, 44.1886, 99.8968
YIQ	182.6780, 17.6880, 53.9120

Conversions

Conversions Part 2

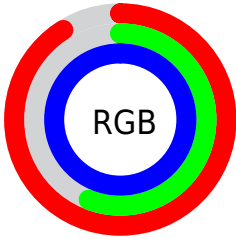
Format	Color
R_{YB}	233, 143, 255
Decimal	15306751
CIE _{Lab}	72.35, 51.57, -42.00
CIE _{LCh}	72, 66.512, 320.837
Yxy	44.1886, 0.2991, 0.2150
Android (android.graphics.Color)	4293496831 (0xFFE98FFF)
YUV	182.6780, 35.6547, 44.1324
Hunter-Lab	66.4745, 48.7493, -42.5679

Details

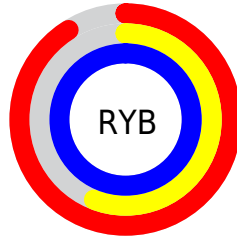
The XYZ color **61.4767, 44.1886, 99.8968** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **56.2361, 81.5030, 38.7564**, and the grayscale version is **44.6392, 46.9639, 51.1437**.

A 20% lighter version of the original color is **79.7134, 69.3268, 103.7878**, and **31.5284, 20.5035, 55.7219** is the 20% darker color. If you saturate the color by 10%, you get **56.4630, 36.5535, 98.6873**, and if you desaturate by 10%, it is **67.4095, 53.5912, 101.3990**.

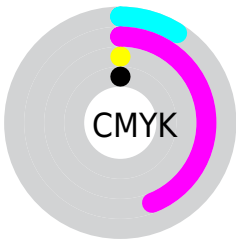
Distribution



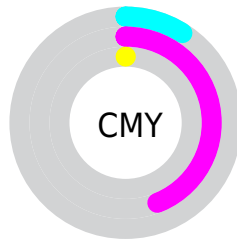
- Red (91%)
- Green (56%)
- Blue (100%)



- Red (91%)
- Yellow (56%)
- Blue (100%)



- Cyan (9%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4767, 44.1886, 99.8968 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 61.4767, 44.1886, 99.8968 by changing the saturation by 10% instead.


 61.4767, 44.1886,
99.8968

 61.4767, 44.1886,
99.8968


419.7677,
363.4773, 581.1056

 44.8640, 30.8188,
75.5980

 106.0631, 81.5015,
163.0660

 31.5511, 20.4609,
55.5982


 134.7674,
106.2133, 202.7734

 21.1728, 12.7305,
39.4790


168.2331,
135.4747, 248.4541

 13.3635, 7.2432,
26.8219

206.8253,
169.6699, 300.5266

 7.7581, 3.6147,
17.2083

250.9096,
209.1834, 359.4095

 3.9910, 1.4604,
10.2196

300.8512,

 1.6971, 0.2606,

254.3995, 425.5212

5.4373

357.0154,
305.7027, 499.2804

■ 0.4544, 0.0000,
2.4429

■ 0.0000, 0.0000,
0.8096

■ 61.4767, 44.1886,
99.8968

■ 61.4767, 44.1886,
99.8968

■ 56.4630, 36.5535,
98.6873

■ 67.4095, 53.5912,
101.3990

■ 52.3042, 30.5607,
97.7498

■ 74.3118, 64.8640,
103.2111

■ 48.9340, 26.0774,
97.0621

■ 82.2349, 78.1086,
105.3500

■ 46.2741, 22.9474,
96.5981

■ 91.2254, 93.4175,
107.8310

■ 44.2287, 20.9799,
96.3262

95.0500, 100.0000,
108.9000

■ 43.2027, 20.1867,
96.2271

Harmonies

Analogous

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



50.3240, 44.1886, 134.3179



61.4767, 44.1886, 99.8968



67.6856, 44.1886, 58.8634

Triad

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



61.4767, 44.1886, 99.8968



45.6024, 44.1886, 8.8614



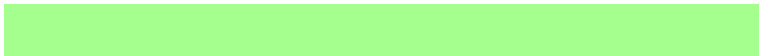
24.6080, 44.1886, 74.1937

Complementary

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



61.4767, 44.1886, 99.8968



56.2361, 81.5030, 38.7564

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.



23.8057, 44.1886, 38.7598



61.4767, 44.1886, 99.8968



34.6485, 44.1886, 9.9794

Square

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



61.4767, 44.1886, 99.8968



57.4861, 44.1886, 13.9250



27.1440, 44.1886, 18.2794



29.5793, 44.1886, 115.3872

Rectangle

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



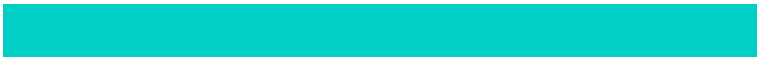
61.4767, 44.1886, 99.8968



67.5322, 44.1886, 37.2106



27.1440, 44.1886, 18.2794



23.8823, 44.1886, 60.9626

Sweetspot

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



61.4781, 44.1904, 99.8971



83.0163, 79.4288, 105.5636



42.9067, 40.1164, 100.0896



17.3707, 16.3290, 22.4862



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.



61.4781, 44.1904, 99.8971



56.8875, 37.1852, 98.7869



64.1680, 46.1484, 74.2130



18.4225, 18.1095, 22.7745



22.6980, 10.6117, 50.2865



2.2951, 1.0771, 4.9002

Inverse Universe

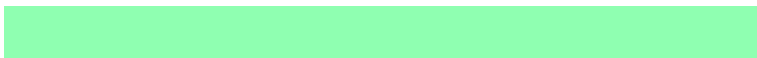
The Inverse Universe completely reimagines the original color for something new.



57.8551, 43.6232, 40.9697



53.1576, 36.7446, 31.6467



54.9849, 80.5186, 54.0318



18.1552, 18.0454, 19.4344



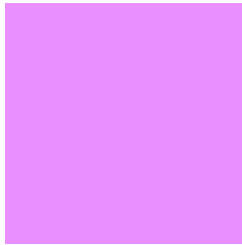
21.8917, 11.2460, 2.8141



2.1677, 1.1095, 0.4647

Previews

White Background



This preview shows how the XYZ color 61.4767, 44.1886, 99.8968 looks on a white background.

Color Contrast Check

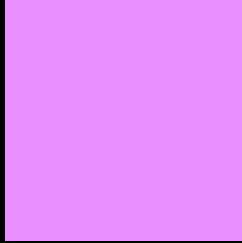
Large Text (above 18pt) WCAG AA × Fail

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 61.4767, 44.1886, 99.8968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

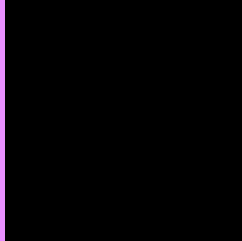
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4767, 44.1886, 99.8968

Background



This preview shows how black text looks on a background with the XYZ color 61.4767, 44.1886, 99.8968.



This preview shows how white text looks on a background with the XYZ color 61.4767, 44.1886,

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

61.4767, 44.1886, 99.8968

Protanopia

46.1425, 44.4593, 100.7573

Deuteranopia

45.7611, 44.6625, 95.8314



Tritanopia

50.5091, 44.0753, 45.8897

Trichromacy



Original Color

61.4767, 44.1886, 99.8968



Protanomaly

50.2032, 43.2381, 100.3075



Deuteranomaly

49.9794, 43.4610, 97.0214

Tritanomaly

53.6991, 43.5918, 62.0837

Monochromacy



Original Color

61.4767, 44.1886, 99.8968



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

49.5986, 45.0262, 66.3984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4767, 44.1886, 99.8968 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(233, 143, 255)` looks like.

```
.text, #text, p{  
    color:rgb(233, 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(233, 143, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 143, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.4767, 44.1886, 99.8968 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(233, 143, 255) }
```


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

```
.border{ border-color:rgb(233, 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(233, 143, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 143, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 143, 255);  
box-shadow:4px 4px 4px 4px rgb(233, 143,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4767, 44.1886, 99.8968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 143, 255) }
```

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

```
.background{ background-color: rgb(233,  
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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