

Converting Colors

XYZ(61.8651, 44.9271,
100.0189)

Have a look what the booklet for
XYZ(61.8651, 44.9271, 100.0189)
contains.

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Color

**XYZ(61.7797, 44.7944,
99.9978)**

Conversions

Conversions Part 1

Format	Color
Hex	E991FF
RGB	233, 145, 255
RGB Percent	91%, 57%, 100%
CMY	0.0863, 0.4314, 0.0000
CMYK	0.09, 0.43, 0.00, 0.00
HSL	288°, 100%, 78%
HSV	288°, 43%, 100%
XYZ	61.7797, 44.7944, 99.9978
YIQ	183.8520, 17.1380, 52.8660

Conversions

Conversions Part 2

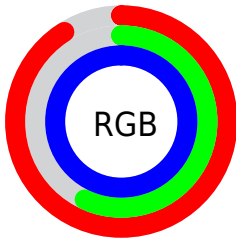
Format	Color
R _Y B	233, 145, 255
Decimal	15307263
CIE _{Lab}	72.76, 50.55, -41.38
CIE _{LCh}	73, 65.323, 320.697
Y _{xy}	44.7944, 0.2991, 0.2168
Android (android.graphics.Color)	4293497343 (0xFFE991FF)
Y _{UV}	183.8520, 35.0760, 43.1028
Hunter-Lab	66.9286, 47.6426, -41.7349

Details

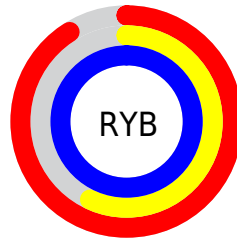
The XYZ color **61.7797, 44.7944, 99.9978** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **56.8081, 81.7802, 39.5810**, and the grayscale version is **45.2857, 47.6441, 51.8844**.

A 20% lighter version of the original color is **80.1766, 70.2533, 103.9422**, and **31.6994, 20.8455, 55.7789** is the 20% darker color. If you saturate the color by 10%, you get **56.6711, 37.0122, 98.7649**, and if you desaturate by 10%, it is **67.8137, 54.3539, 101.5249**.

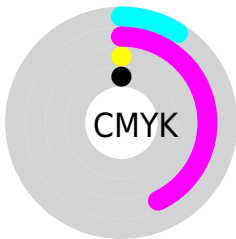
Distribution



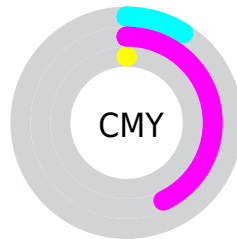
- Red (91%)
- Green (57%)
- Blue (100%)



- Red (91%)
- Yellow (57%)
- Blue (100%)



- Cyan (9%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)




- Cyan (9%)
- Magenta (43%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7797, 44.7944, 99.9978 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 61.7797, 44.7944, 99.9978 by changing the saturation by 10% instead.


 61.7797, 44.7944,
99.9978


 61.7797, 44.7944,
99.9978


420.8574,
365.9402, 581.4322

 45.1096, 31.2955,
75.6818

 106.4988, 82.4118,
163.2060

 31.7454, 20.8240,
55.6666


 135.2786,
107.2991, 202.9353

 21.3217, 12.9954,
39.5334


168.8256,
136.7513, 248.6395

 13.4732, 7.4254,
26.8639

207.5053,
171.1529, 300.7371

 7.8344, 3.7295,
17.2395

251.6829,
210.8882, 359.6466

 4.0401, 1.5234,
10.2417

301.7240,

 1.7248, 0.3051,

256.3416, 425.7866

5.4518

357.9937,
307.8974, 499.5756

■ 0.4717, 0.0000,
2.4514

■ 0.0000, 0.0000,
0.8142

■ 61.7797, 44.7944,
99.9978

■ 61.7797, 44.7944,
99.9978

■ 56.6711, 37.0122,
98.7649

■ 67.8137, 54.3539,
101.5249

■ 52.4238, 30.8829,
97.8057

■ 74.8228, 65.7926,
103.3634

■ 48.9725, 26.2753,
97.0982

■ 82.8583, 79.2114,
105.5300

■ 46.2397, 23.0350,
96.6168

■ 91.9664, 94.7024,
108.0400

■ 44.1315, 20.9748,
96.3303

95.0500, 100.0000,
108.9000

■ 42.9527, 20.0578,
96.2154

Harmonies

Analogous

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



50.7582, 44.7944, 133.6388



61.7797, 44.7944, 99.9978



67.9281, 44.7944, 59.5829

Triad

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



61.7797, 44.7944, 99.9978



46.1994, 44.7944, 9.4548



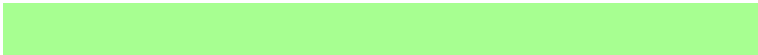
25.2594, 44.7944, 74.3463

Complementary

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



61.7797, 44.7944, 99.9978



56.8081, 81.7802, 39.5810

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.



24.4764, 44.7944, 39.3575



61.7797, 44.7944, 99.9978



35.3236, 44.7944, 10.5711

Square

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



61.7797, 44.7944, 99.9978



57.9379, 44.7944, 14.6487



27.8313, 44.7944, 18.9437



30.2017, 44.7944, 114.8275

Rectangle

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



61.7797, 44.7944, 99.9978



67.8023, 44.7944, 38.0742



27.8313, 44.7944, 18.9437



24.5402, 44.7944, 61.3100

Sweetspot

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



61.7811, 44.7963, 99.9981



82.9743, 79.4071, 105.5616



43.5473, 40.8790, 100.2030



17.3602, 16.3236, 22.4857



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.



61.7811, 44.7963, 99.9981



57.2067, 37.8104, 98.8907



64.5511, 46.7862, 74.7367



18.4159, 18.1061, 22.7742



22.5688, 10.5451, 50.2805



2.2836, 1.0712, 4.8997

Inverse Universe

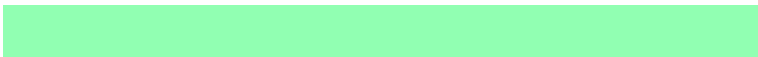
The Inverse Universe completely reimagines the original color for something new.



58.3414, 44.3024, 42.0367



53.6671, 37.4448, 32.7986



55.4741, 80.7547, 54.7846



18.1579, 18.0465, 19.4485



21.9027, 11.2504, 2.8719



2.1692, 1.1100, 0.4723

Previews

White Background



This preview shows how the XYZ color 61.7797, 44.7944, 99.9978 looks on a white background.

Color Contrast Check

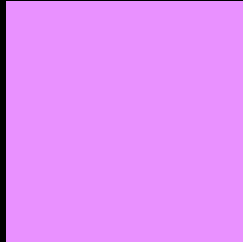
Large Text (above 18pt) WCAG AA × Fail

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 61.7797, 44.7944, 99.9978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

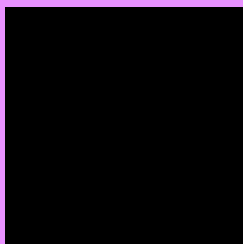
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7797, 44.7944, 99.9978

Background



This preview shows how black text looks on a background with the XYZ color 61.7797, 44.7944, 99.9978.



This preview shows how white text looks on a background with the XYZ color 61.7797, 44.7944,

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

61.7797, 44.7944, 99.9978

Protanopia

46.7122, 45.0430, 100.8399

Deuteranopia

46.3386, 45.2524, 95.9148



Tritanopia

50.9593, 44.8191, 46.5226

Trichromacy



Original Color

61.7797, 44.7944, 99.9978



Protanomaly

50.7965, 44.0754, 100.4379



Deuteranomaly

50.3962, 43.9426, 97.0924

Tritanomaly

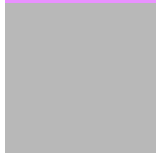
54.1516, 44.3053, 62.8244

Monochromacy



Original Color

61.7797, 44.7944, 99.9978



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

50.3647, 45.9592, 67.1893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7797, 44.7944, 99.9978 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, 145, 255)` looks like.

```
.text, #text, p{  
    color:rgb(233, 145, 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, 145, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 145, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.7797, 44.7944, 99.9978 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, 145, 255) }
```


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

```
.border{ border-color:rgb(233, 145, 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, 145, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 145, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 145, 255);  
box-shadow:4px 4px 4px 4px rgb(233, 145,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7797, 44.7944, 99.9978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 145, 255) }
```

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

```
.background{ background-color: rgb(233,  
145, 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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