

Converting Colors

XYZ(61.8747, 43.5181, 99.7464)

Have a look what the booklet for
XYZ(61.8747, 43.5181, 99.7464)
contains.

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Color

**XYZ(61.8747, 43.5181,
99.7464)**

Conversions

Conversions Part 1

Format	Color
Hex	EC8BFF
RGB	236, 139, 255
RGB Percent	93%, 55%, 100%
CMY	0.0745, 0.4549, 0.0000
CMYK	0.07, 0.45, 0.00, 0.00
HSL	290°, 100%, 77%
HSV	290°, 45%, 100%
XYZ	61.8747, 43.5181, 99.7464
YIQ	181.2270, 20.5760, 56.6400

Conversions

Conversions Part 2

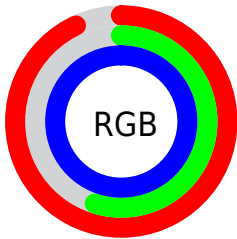
Format	Color
R _Y B	236, 139, 255
Decimal	15502335
CIE Lab	71.91, 54.44, -42.68
CIE LCh	72, 69.175, 321.902
Yxy	43.5181, 0.3016, 0.2121
Android (android.graphics.Color)	4293692415 (0xFFEC8BFF)
YUV	181.2270, 36.3701, 48.0359
Hunter-Lab	65.9682, 51.9790, -43.4709

Details

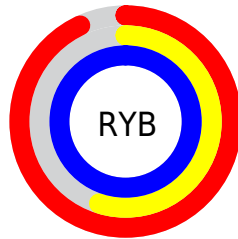
The XYZ color **61.8747, 43.5181, 99.7464** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **54.5217, 80.6536, 37.1221**, and the grayscale version is **43.8467, 46.1302, 50.2358**.

A 20% lighter version of the original color is **78.8051, 67.5102, 103.4850**, and **31.8016, 20.0392, 55.6179** is the 20% darker color. If you saturate the color by 10%, you get **57.2338, 36.2699, 98.5920**, and if you desaturate by 10%, it is **67.4118, 52.5086, 101.1899**.

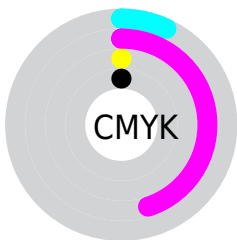
Distribution



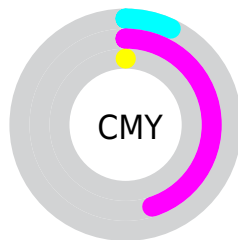
- Red (93%)
- Green (55%)
- Blue (100%)



- Red (93%)
- Yellow (55%)
- Blue (100%)



- Cyan (7%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)




- Cyan (7%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.8747, 43.5181, 99.7464 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 61.8747, 43.5181, 99.7464 by changing the saturation by 10% instead.


 61.8747, 43.5181,
99.7464


 61.8747, 43.5181,
99.7464


421.1987,
360.7381, 580.6190


 45.1867, 30.2918,
75.4731

 106.6354, 80.4921,
162.8575

 31.8064, 20.0602,
55.4965

 135.4387,
105.0086, 202.5323

 21.3685, 12.4388,
39.3981


 169.0113,
134.0574, 248.1780

 13.5076, 7.0433,
26.7593

207.7183,
168.0227, 300.2132

 7.8584, 3.4892,
17.1617

251.9252,
207.2891, 359.0563

 4.0555, 1.3921,
10.1867

301.9974,

 1.7336, 0.2109,

252.2409, 425.1260

5.4157

358.3001,
303.2624, 498.8407

■ 0.4772, 0.0000,
2.4302

■ 0.0000, 0.0000,
0.8028

■ 61.8747, 43.5181,
99.7464

■ 61.8747, 43.5181,
99.7464

■ 57.2338, 36.2699,
98.5920

■ 67.4118, 52.5086,
101.1899

■ 53.4239, 30.6369,
97.7055

■ 73.8961, 63.3458,
102.9399

■ 50.3775, 26.4836,
97.0644

■ 81.3793, 76.1322,
105.0136

■ 48.0144, 23.6495,
96.6419

■ 89.9085, 90.9614,
107.4264

■ 46.2351, 21.9363, 95.0500, 100.0000,
96.4050 108.9000

■ 45.5589, 21.4014,
96.3374

Harmonies

Analogous

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



50.4018, 43.5181, 136.6710



61.8747, 43.5181, 99.7464



68.0891, 43.5181, 57.1230

Triad

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



61.8747, 43.5181, 99.7464



44.6365, 43.5181, 7.8036



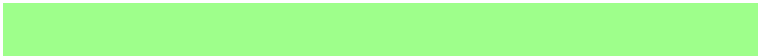
23.7029, 43.5181, 75.9401

Complementary

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



61.8747, 43.5181, 99.7464



54.5217, 80.6536, 37.1221

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.



22.7439, 43.5181, 38.8198



61.8747, 43.5181, 99.7464



33.4745, 43.5181, 9.0801

Square

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



61.8747, 43.5181, 99.7464



56.9740, 43.5181, 12.4691



25.9734, 43.5181, 17.5676



28.9003, 43.5181, 118.9766

Rectangle

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



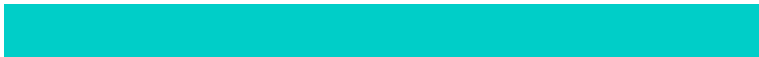
61.8747, 43.5181, 99.7464



67.7256, 43.5181, 35.2227



25.9734, 43.5181, 17.5676



22.9196, 43.5181, 62.0641

Sweetspot

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



61.8761, 43.5199, 99.7467



82.5813, 78.2076, 105.3508



40.9828, 37.2784, 99.6432



17.3044, 16.0988, 22.4453



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.



61.8761, 43.5199, 99.7467



57.4406, 36.5853, 98.6420



62.9114, 44.7019, 70.5056



18.4834, 18.1409, 22.7773



23.9141, 11.2386, 50.3434



2.4028, 1.1326, 4.9052

Inverse Universe

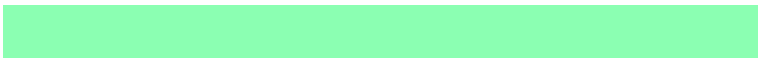
The Inverse Universe completely reimagines the original color for something new.



56.6452, 42.1954, 37.5081



51.9095, 35.2914, 28.0148



54.4111, 80.2105, 54.5604



18.1307, 18.0356, 19.3054



21.8004, 11.2095, 2.3334



2.1553, 1.1045, 0.3995

Previews

White Background



This preview shows how the XYZ color 61.8747, 43.5181, 99.7464 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 61.8747, 43.5181, 99.7464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

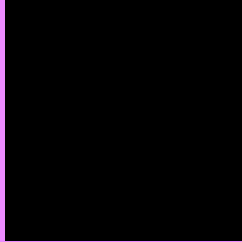
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8747, 43.5181, 99.7464

Background



This preview shows how black text looks on a background with the XYZ color 61.8747, 43.5181, 99.7464.



This preview shows how white text looks on a background with the XYZ color 61.8747, 43.5181,

99.7464.

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

61.8747, 43.5181, 99.7464

Protanopia

45.5805, 43.8817, 100.6754

Deuteranopia

45.0357, 44.0166, 94.9293



Tritanopia

50.2230, 43.2033, 43.7222

Trichromacy



Original Color

61.8747, 43.5181, 99.7464



Protanomaly

49.8509, 42.5335, 100.1901



Deuteranomaly

49.6243, 42.7508, 96.9030



Tritanomaly

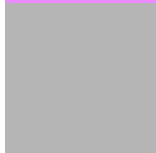
53.6041, 42.8442, 60.7029

Monochromacy



Original Color

61.8747, 43.5181, 99.7464



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

49.1088, 44.2440, 65.6261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8747, 43.5181, 99.7464 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(236, 139, 255)` looks like.

```
.text, #text, p{  
    color:rgb(236, 139, 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(236, 139, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 139, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.8747, 43.5181, 99.7464 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(236, 139, 255) }
```


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

```
.border{ border-color:rgb(236, 139, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 139, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 139, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 139, 255);  
box-shadow:4px 4px 4px 4px rgb(236, 139,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8747, 43.5181, 99.7464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 139, 255) }
```

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

```
.background{ background-color: rgb(236,  
139, 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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