

Converting Colors

XYZ(57.5060, 40.7595, 99.4442)

Have a look what the booklet for
XYZ(57.5060, 40.7595, 99.4442)
contains.

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Color

**XYZ(57.4271, 40.7993,
99.4561)**

Conversions

Conversions Part 1

Format	Color
Hex	DF89FF
RGB	223, 137, 255
RGB Percent	87%, 54%, 100%
CMY	0.1255, 0.4627, 0.0000
CMYK	0.13, 0.46, 0.00, 0.00
HSL	284°, 100%, 77%
HSV	284°, 46%, 100%
XYZ	57.4271, 40.7993, 99.4561
YIQ	176.1660, 13.3780, 54.9300

Conversions

Conversions Part 2

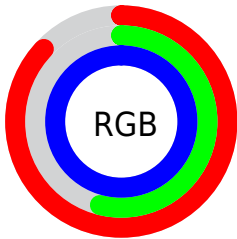
Format	Color
R _Y B	223, 137, 255
Decimal	14649855
CIE Lab	70.04, 51.86, -45.72
CIE LCh	70, 69.131, 318.601
Yxy	40.7993, 0.2905, 0.2064
Android (android.graphics.Color)	4292839935 (0xFFDF89FF)
YUV	176.1660, 38.8652, 41.0734
Hunter-Lab	63.8743, 48.7028, -47.6060

Details

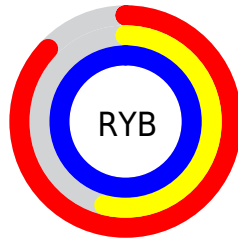
The XYZ color **57.4271, 40.7993, 99.4561** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **56.6384, 81.7615, 36.4650**, and the grayscale version is **41.1535, 43.2967, 47.1501**.

A 20% lighter version of the original color is **78.1396, 66.1793, 103.2632**, and **29.0893, 18.5249, 55.4686** is the 20% darker color. If you saturate the color by 10%, you get **52.1344, 33.3115, 98.2897**, and if you desaturate by 10%, it is **63.6660, 50.0481, 100.9124**.

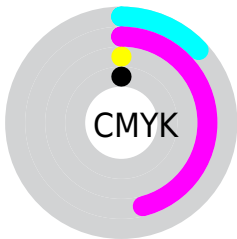
Distribution



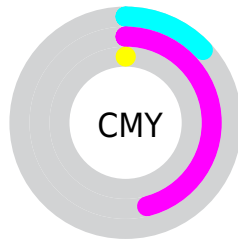
- Red (87%)
- Green (54%)
- Blue (100%)



- Red (87%)
- Yellow (54%)
- Blue (100%)



- Cyan (13%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)





- Cyan (13%)
- Magenta (46%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4271, 40.7993, 99.4561 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 57.4271, 40.7993, 99.4561 by changing the saturation by 10% instead.


 57.4271, 40.7993,
99.4561

 57.4271, 40.7993,
99.4561

405.0361,
349.4811, 579.6792


 41.5897, 28.1623,
75.2320


 100.2159, 76.3791,
162.4549

 28.9699, 18.4480,
55.3001


 127.8980,
100.0907, 202.0667

 19.2022, 11.2721,
39.2418


 160.2591,
128.2627, 247.6448

 11.9213, 6.2502,
26.6386

197.6644,
161.2794, 299.6078

 6.7620, 2.9978,
17.0720

240.4795,
199.5251, 358.3742

 3.3587, 1.1306,
10.1233

289.0695,

 1.3462, 0.0039,

243.3844, 424.3626

5.3741

343.8000,
293.2416, 497.9914

■ 0.2174, 0.0000,
2.4059

■ 0.0000, 0.0000,
0.7896

■ 57.4271, 40.7993,
99.4561

■ 57.4271, 40.7993,
99.4561

■ 52.1344, 33.3115,
98.2897

■ 63.6660, 50.0481,
100.9124

■ 47.7214, 27.4568,
97.3922

■ 70.9033, 61.1641,
102.6766

■ 44.1192, 23.0973,
96.7406

■ 79.1920, 74.2507,
104.7657

■ 41.2454, 20.0701,
96.3078

■ 88.5800, 89.4023,
107.1954

■ 38.9976, 18.1720, 95.0500, 100.0000,
96.0599 108.9000

■ 38.2632, 17.6403,
95.9960

Harmonies

Analogous

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



46.1154, 40.7993, 133.1180



57.4271, 40.7993, 99.4561



64.1592, 40.7993, 57.8648

Triad

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



57.4271, 40.7993, 99.4561



43.2247, 40.7993, 7.1183



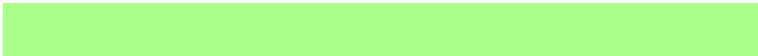
21.6420, 40.7993, 67.3255

Complementary

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



57.4271, 40.7993, 99.4561



56.6384, 81.7615, 36.4650

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.



21.1676, 40.7993, 33.2437



57.4271, 40.7993, 99.4561



32.2642, 40.7993, 7.7307

Square

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



57.4271, 40.7993, 99.4561



54.9608, 40.7993, 12.2231



24.6795, 40.7993, 14.7083



26.1322, 40.7993, 109.1982

Rectangle

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



57.4271, 40.7993, 99.4561



64.4168, 40.7993, 35.7676



24.6795, 40.7993, 14.7083



21.0450, 40.7993, 54.3741

Sweetspot

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



57.4284, 40.8010, 99.4563



81.2274, 77.5096, 105.2874



42.8240, 41.4522, 100.3517



16.9721, 15.9275, 22.4297



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.



57.4284, 40.8010, 99.4563



52.2667, 33.4935, 98.3179



64.3899, 44.8341, 79.7072



18.2840, 18.0382, 22.7680



20.1438, 9.2950, 50.1670



2.0660, 0.9590, 4.8895

Inverse Universe

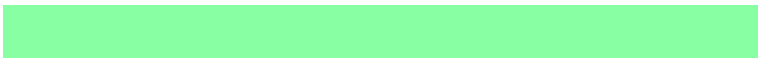
The Inverse Universe completely reimagines the original color for something new.



57.3479, 42.0173, 42.6248



52.6360, 35.1244, 33.2513



52.6497, 79.4677, 47.0127



18.2117, 18.0680, 19.7319



22.1655, 11.3555, 4.2562



2.2016, 1.1230, 0.6429

Previews

White Background



This preview shows how the XYZ color 57.4271, 40.7993, 99.4561 looks on a white background.

Color Contrast Check

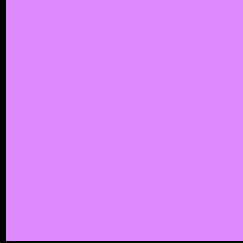
Large Text (above 18pt) WCAG AA × Fail

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 57.4271, 40.7993, 99.4561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

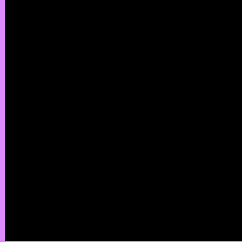
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4271, 40.7993, 99.4561

Background



This preview shows how black text looks on a background with the XYZ color 57.4271, 40.7993, 99.4561.



This preview shows how white text looks on a background with the XYZ color 57.4271, 40.7993,

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

57.4271, 40.7993, 99.4561

Protanopia

43.2225, 41.2587, 100.2934

Deuteranopia

42.2888, 41.1645, 95.3392



Tritanopia

45.7967, 40.6802, 42.9744

Trichromacy



Original Color

57.4271, 40.7993, 99.4561



Protanomaly

46.9016, 39.9919, 99.8550



Deuteranomaly

46.2170, 39.9648, 96.5449



Tritanomaly

49.3560, 40.4299, 59.8460

Monochromacy



Original Color

57.4271, 40.7993, 99.4561



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

45.9321, 41.5859, 63.3636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4271, 40.7993, 99.4561 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(223, 137, 255)` looks like.

```
.text, #text, p{  
    color:rgb(223, 137, 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(223, 137, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 137, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.4271, 40.7993, 99.4561 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(223, 137, 255) }
```


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

```
.border{ border-color:rgb(223, 137, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 137, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 137, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 137, 255);  
box-shadow:4px 4px 4px 4px rgb(223, 137,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4271, 40.7993, 99.4561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 137, 255) }
```

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

```
.background{ background-color: rgb(223,  
137, 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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